Project work, part 2

Sara Hørte

Links

GitHub repo link: https://github.com/sarahorte/ind320project.git

Streamlit app link: https://ind320project.streamlit.app/

Log

During the lectures earlier in the semester, I made sure that my Cassandra connection worked and that I could successfully manipulate data from my MongoDB account using Python.

I spent quite a lot of time exploring the Elhub API to figure out the correct way to retrieve hourly production data. With help from ChatGPT and GitHub Copilot in VS Code, I eventually managed to get the correct data. I then inserted the data into Cassandra using Spark and extracted the relevant columns.

Initially, this part worked quite smoothly, but when I reopened the project later, it stopped working. I received numerous error messages and struggled a lot with the connection between Cassandra and Python. Eventually, I had to start over — fortunately, it worked again after some trial and error. During this process, I used AI extensively to try to identify the problems, although it didn't always manage to solve the connection issues.

I created the visualizations using Plotly and inserted the data into MongoDB.

Next, I continued with the Streamlit app. I established a connection with my MongoDB database — I wasn't entirely sure how to handle the password and credentials securely, but I believe I did it correctly. Once the connection was working, I built page four as described in the assignment. This part went quite smoothly once the MongoDB connection was stable.

Overall, I found this assignment quite challenging. The most difficult part was getting all the connections configured correctly. It was hard to identify the root causes of the problems, and to be honest, I'm still not completely sure why it sometimes worked and sometimes didn't.

AI usage

AI was used extensively throughout this project, mainly through ChatGPT and GitHub Copilot in VS Code. I copied parts of the assignment text into ChatGPT and received code suggestions in return. Then I adjusted the code myself, using examples from lectures and additional AI assistance, until I got it to work. For the Streamlit app, I mainly added comments and used suggestions from GitHub Copilot in VS Code.

I also pasted error messages into ChatGPT to understand what was going wrong and tested different proposed solutions until I found one that worked. I used AI to generate the plots and later fine-tuned them to achieve the desired appearance.

AI has been extremely useful for completing this project, especially for debugging and understanding unfamiliar technologies. However, it was also quite frustrating at times — particularly when it failed to resolve the connection issues.

I also used ChatGPT to refine and improve the wording of the Log, AI Usage, and Fetching Data from the Elhub API sections.

Fetching data from Elhub API

When retrieving data from the Elhub API, it is important to account for the transitions between winter time and summer time. In 2023, the switch to summer time occurred on March 26, when the clock moved from 2023-03-26T01:00:00.000+01:00 to 2023-03-26T03:00:00.000+02:00. The return to winter time took place on October 29, when the time shifted from 2023-10-29T02:00:00.000+02:00 back to 2023-10-29T02:00:00.000+01:00.

Despite these time changes, there are still 24 data points per day, as the data is adjusted relative to the base time.

Additionally, the first timestamp in the dataset appears as 2020-12-31 23:00:00+00:00, because all timestamps are converted to UTC. This corresponds to 2021-01-01 00:00:00+01:00 in local Norwegian time. The same time adjustment pattern applies for 2021 as well.

In [1]:
```python
# ==============================
# 1 FETCH DATA FROM ELHUB API
# ==============================
import requests
import pandas as pd
from datetime import datetime, timedelta
import time

# --- API SETTINGS ---
BASE_URL = "https://api.elhub.no/energy-data/v0/price-areas"
DATASET = "PRODUCTION_PER_GROUP_MBA_HOUR"

# --- FUNCTION TO FORMAT DATES ---
def format_date(dt_obj):
```

```python
    """Formats datetime with timezone offset for Elhub (%2B02:00)."""
    return dt_obj.strftime("%Y-%m-%dT%H:%M:%S%%2B02:00")  # +02:00 is used 1

all_records = []

# --- FETCH MONTHLY DATA FOR 2021 ---
for month in range(1, 13):
    start = datetime(2021, month, 1)
    next_month = (start + timedelta(days=32)).replace(day=1)
    end = next_month - timedelta(seconds=1)

    start_str = format_date(start)
    end_str = format_date(end)

    url = f"{BASE_URL}?dataset={DATASET}&startDate={start_str}&endDate={end_
    print(f"=== Fetching {start.date()} → {end.date()} ===")

    response = requests.get(url)
    if response.status_code != 200:
        print(f"❌ Error {response.status_code}")
        continue

    data = response.json()
    month_records = []

    for entry in data.get("data", []):
        attrs = entry.get("attributes", {})
        recs = attrs.get("productionPerGroupMbaHour", [])
        # Filter out placeholders
        recs = [r for r in recs if r.get("productionGroup") != "*"]
        month_records.extend(recs)

    all_records.extend(month_records)
    print(f"✅ {len(month_records)} records added")

    # Be kind to API
    time.sleep(1)

print(f"\nTotal records collected: {len(all_records)}")

# --- CONVERT TO DATAFRAME ---
df = pd.DataFrame(all_records)
df['startTime'] = pd.to_datetime(df['startTime'], utc=True)
df['endTime'] = pd.to_datetime(df['endTime'], utc=True)
df['quantityKwh'] = pd.to_numeric(df['quantityKwh'], errors='coerce')
df = df[['priceArea', 'productionGroup', 'startTime', 'quantityKwh']]
df.sort_values('startTime', inplace=True)
df.set_index('startTime', inplace=True)

print(df.info())
print(df.head(50))
print(f"DataFrame shape: {df.shape}")
```

```
=== Fetching 2021-01-01 → 2021-01-31 ===
✅ 17856 records added
=== Fetching 2021-02-01 → 2021-02-28 ===
✅ 16128 records added
=== Fetching 2021-03-01 → 2021-03-31 ===
✅ 17832 records added
=== Fetching 2021-04-01 → 2021-04-30 ===
✅ 17280 records added
=== Fetching 2021-05-01 → 2021-05-31 ===
✅ 17856 records added
=== Fetching 2021-06-01 → 2021-06-30 ===
✅ 17976 records added
=== Fetching 2021-07-01 → 2021-07-31 ===
✅ 18600 records added
=== Fetching 2021-08-01 → 2021-08-31 ===
✅ 18600 records added
=== Fetching 2021-09-01 → 2021-09-30 ===
✅ 18000 records added
=== Fetching 2021-10-01 → 2021-10-31 ===
✅ 18625 records added
=== Fetching 2021-11-01 → 2021-11-30 ===
✅ 18000 records added
=== Fetching 2021-12-01 → 2021-12-31 ===
✅ 18600 records added

Total records collected: 215353
<class 'pandas.core.frame.DataFrame'>
DatetimeIndex: 215353 entries, 2020-12-31 23:00:00+00:00 to 2021-12-31 22:0
0:00+00:00
Data columns (total 3 columns):
 #   Column           Non-Null Count   Dtype
---  ------           --------------   -----
 0   priceArea        215353 non-null  object
 1   productionGroup  215353 non-null  object
 2   quantityKwh      215353 non-null  float64
dtypes: float64(1), object(2)
memory usage: 6.6+ MB
None
                           priceArea productionGroup  quantityKwh
startTime
2020-12-31 23:00:00+00:00        NO1          hydro   2507716.800
2020-12-31 23:00:00+00:00        NO2          other         4.346
2020-12-31 23:00:00+00:00        NO5          solar         3.720
2020-12-31 23:00:00+00:00        NO2           wind       706.206
2020-12-31 23:00:00+00:00        NO3          hydro   2836774.000
2020-12-31 23:00:00+00:00        NO4           wind    381065.000
2020-12-31 23:00:00+00:00        NO2          hydro   7245923.500
2020-12-31 23:00:00+00:00        NO3          other         0.000
2020-12-31 23:00:00+00:00        NO5        thermal     77742.000
2020-12-31 23:00:00+00:00        NO4        thermal     21349.000
2020-12-31 23:00:00+00:00        NO2        thermal     24171.203
2020-12-31 23:00:00+00:00        NO3          solar        19.722
2020-12-31 23:00:00+00:00        NO1           wind       937.072
2020-12-31 23:00:00+00:00        NO5          other         0.000
2020-12-31 23:00:00+00:00        NO3        thermal         0.000
2020-12-31 23:00:00+00:00        NO3           wind    259312.200
```

```
2020-12-31 23:00:00+00:00    NO4        solar        0.000
2020-12-31 23:00:00+00:00    NO5        hydro  4068096.500
2020-12-31 23:00:00+00:00    NO1      thermal    51369.035
2020-12-31 23:00:00+00:00    NO4        hydro  3740830.000
2020-12-31 23:00:00+00:00    NO4        other        0.161
2020-12-31 23:00:00+00:00    NO1        other        0.000
2020-12-31 23:00:00+00:00    NO2        solar      876.556
2020-12-31 23:00:00+00:00    NO1        solar        6.106
2021-01-01 00:00:00+00:00    NO1      thermal    51673.934
2021-01-01 00:00:00+00:00    NO3         wind   225762.900
2021-01-01 00:00:00+00:00    NO3        solar       25.433
2021-01-01 00:00:00+00:00    NO5        other        0.000
2021-01-01 00:00:00+00:00    NO3      thermal        0.000
2021-01-01 00:00:00+00:00    NO3        other        0.000
2021-01-01 00:00:00+00:00    NO4         wind   369910.000
2021-01-01 00:00:00+00:00    NO1        solar        4.030
2021-01-01 00:00:00+00:00    NO5        solar        3.600
2021-01-01 00:00:00+00:00    NO2         wind     3431.889
2021-01-01 00:00:00+00:00    NO2      thermal    24195.646
2021-01-01 00:00:00+00:00    NO1        other        0.000
2021-01-01 00:00:00+00:00    NO2        other        3.642
2021-01-01 00:00:00+00:00    NO5      thermal    77575.000
2021-01-01 00:00:00+00:00    NO4        hydro  3746663.500
2021-01-01 00:00:00+00:00    NO4        solar        0.000
2021-01-01 00:00:00+00:00    NO1         wind      649.068
2021-01-01 00:00:00+00:00    NO5        hydro  4104306.000
2021-01-01 00:00:00+00:00    NO4        other        0.161
2021-01-01 00:00:00+00:00    NO3        hydro  2836189.800
2021-01-01 00:00:00+00:00    NO4      thermal    22554.000
2021-01-01 00:00:00+00:00    NO2        solar      876.398
2021-01-01 00:00:00+00:00    NO1        hydro  2494728.000
2021-01-01 00:00:00+00:00    NO2        hydro  6750958.000
2021-01-01 01:00:00+00:00    NO2        other        3.562
2021-01-01 01:00:00+00:00    NO2      thermal    23558.420
DataFrame shape: (215353, 3)
```

In [ ]:
```python
from cassandra.cluster import Cluster

# Connect to local Cassandra
cluster = Cluster(['127.0.0.1'])
session = cluster.connect()

# --- Create keyspace ---
session.execute("""
    CREATE KEYSPACE IF NOT EXISTS energy
    WITH replication = {'class': 'SimpleStrategy', 'replication_factor': 1};
""")

# --- Create table ---
session.execute("""
    CREATE TABLE IF NOT EXISTS energy.production_per_group (
        priceArea text,
        startTime timestamp,
        productionGroup text,
        quantityKwh double,
        PRIMARY KEY ((priceArea), startTime, productionGroup)
```

```
        );
    """)

    print("✅ Keyspace and table ready")
```

✅ Keyspace and table ready

In [ ]:
```python
# ==========================================
# 2️ SAVE DATA INTO CASSANDRA USING SPARK
# ==========================================
from pyspark.sql import SparkSession
from pyspark.sql.types import StructType, StructField, StringType, Timestamp

# --- CREATE SPARK SESSION ---
spark = SparkSession.builder \
    .appName("ElhubProduction2021") \
    .config("spark.cassandra.connection.host", "127.0.0.1") \
    .config("spark.jars.packages", "com.datastax.spark:spark-cassandra-conne
    .getOrCreate()


print(spark.version)  # Should print 3.5.1


# --- DEFINE SCHEMA ---
schema = StructType([
    StructField("priceArea", StringType(), True),
    StructField("productionGroup", StringType(), True),
    StructField("startTime", TimestampType(), True),
    StructField("quantityKwh", DoubleType(), True)
])

# Select only the needed columns and reset index
spark_df = spark.createDataFrame(df.reset_index()[['startTime', 'priceArea',

# Rename columns to lowercase to match Cassandra table
spark_df_cassandra = spark_df.selectExpr(
    "priceArea as pricearea",
    "startTime as starttime",
    "productionGroup as productiongroup",
    "quantityKwh as quantitykwh"
)

spark_df_cassandra.printSchema()

# Write to Cassandra
spark_df_cassandra.write \
    .format("org.apache.spark.sql.cassandra") \
    .options(keyspace="energy", table="production_per_group") \
    .mode("append") \
    .save()

print("✅ Data written to Cassandra successfully")
```

:: loading settings :: url = jar:file:/opt/anaconda3/envs/D2D_env/lib/python
3.11/site-packages/pyspark/jars/ivy-2.5.1.jar!/org/apache/ivy/core/settings/
ivysettings.xml

```
Ivy Default Cache set to: /Users/sarahorte/.ivy2/cache
The jars for the packages stored in: /Users/sarahorte/.ivy2/jars
com.datastax.spark#spark-cassandra-connector_2.12 added as a dependency
:: resolving dependencies :: org.apache.spark#spark-submit-parent-5d7721e4-6
468-4d76-8c8c-d4f7c25a39e2;1.0
        confs: [default]
        found com.datastax.spark#spark-cassandra-connector_2.12;3.5.0 in cen
tral
        found com.datastax.spark#spark-cassandra-connector-driver_2.12;3.5.0
in central
        found org.scala-lang.modules#scala-collection-compat_2.12;2.11.0 in
central
        found com.datastax.oss#java-driver-core-shaded;4.13.0 in central
        found com.datastax.oss#native-protocol;1.5.0 in central
        found com.datastax.oss#java-driver-shaded-guava;25.1-jre-graal-sub-1
in central
        found com.typesafe#config;1.4.1 in central
        found org.slf4j#slf4j-api;1.7.26 in central
        found io.dropwizard.metrics#metrics-core;4.1.18 in central
        found org.hdrhistogram#HdrHistogram;2.1.12 in central
        found org.reactivestreams#reactive-streams;1.0.3 in central
        found com.github.stephenc.jcip#jcip-annotations;1.0-1 in central
        found com.github.spotbugs#spotbugs-annotations;3.1.12 in central
        found com.google.code.findbugs#jsr305;3.0.2 in central
        found com.datastax.oss#java-driver-mapper-runtime;4.13.0 in central
        found com.datastax.oss#java-driver-query-builder;4.13.0 in central
        found org.apache.commons#commons-lang3;3.10 in central
        found com.thoughtworks.paranamer#paranamer;2.8 in central
        found org.scala-lang#scala-reflect;2.12.11 in central
:: resolution report :: resolve 206ms :: artifacts dl 7ms
        :: modules in use:
        com.datastax.oss#java-driver-core-shaded;4.13.0 from central in [def
ault]
        com.datastax.oss#java-driver-mapper-runtime;4.13.0 from central in
[default]
        com.datastax.oss#java-driver-query-builder;4.13.0 from central in [d
efault]
        com.datastax.oss#java-driver-shaded-guava;25.1-jre-graal-sub-1 from
central in [default]
        com.datastax.oss#native-protocol;1.5.0 from central in [default]
        com.datastax.spark#spark-cassandra-connector-driver_2.12;3.5.0 from
central in [default]
        com.datastax.spark#spark-cassandra-connector_2.12;3.5.0 from central
in [default]
        com.github.spotbugs#spotbugs-annotations;3.1.12 from central in [def
ault]
        com.github.stephenc.jcip#jcip-annotations;1.0-1 from central in [def
ault]
        com.google.code.findbugs#jsr305;3.0.2 from central in [default]
        com.thoughtworks.paranamer#paranamer;2.8 from central in [default]
        com.typesafe#config;1.4.1 from central in [default]
        io.dropwizard.metrics#metrics-core;4.1.18 from central in [default]
        org.apache.commons#commons-lang3;3.10 from central in [default]
        org.hdrhistogram#HdrHistogram;2.1.12 from central in [default]
        org.reactivestreams#reactive-streams;1.0.3 from central in [default]
        org.scala-lang#scala-reflect;2.12.11 from central in [default]
```

```
        org.scala-lang.modules#scala-collection-compat_2.12;2.11.0 from cent
ral in [default]
        org.slf4j#slf4j-api;1.7.26 from central in [default]
        --------------------------------------------------------------------
-
        |                      |            modules            ||   artifacts
|
        |       conf       | number| search|dwnlded|evicted|| number|dwnlded
|
        --------------------------------------------------------------------
-
        |      default     |  19  |  0  |  0  |  0  ||  19  |  0
|
        --------------------------------------------------------------------
-
:: retrieving :: org.apache.spark#spark-submit-parent-5d7721e4-6468-4d76-8c8
c-d4f7c25a39e2
        confs: [default]
        0 artifacts copied, 19 already retrieved (0kB/6ms)
25/10/21 12:39:26 WARN NativeCodeLoader: Unable to load native-hadoop librar
y for your platform... using builtin-java classes where applicable
Setting default log level to "WARN".
To adjust logging level use sc.setLogLevel(newLevel). For SparkR, use setLog
Level(newLevel).
25/10/21 12:39:26 WARN Utils: Service 'SparkUI' could not bind on port 4040.
Attempting port 4041.
3.5.1
root
 |-- pricearea: string (nullable = true)
 |-- starttime: timestamp (nullable = true)
 |-- productiongroup: string (nullable = true)
 |-- quantitykwh: double (nullable = true)

[Stage 0:>                                                         (0 + 10) /
10]
✅ Data written to Cassandra successfully
```

```
----------------------------------------
Exception occurred during processing of request from ('127.0.0.1', 59870)
Traceback (most recent call last):
  File "/opt/anaconda3/envs/D2D_env/lib/python3.11/socketserver.py", line 31
7, in _handle_request_noblock
    self.process_request(request, client_address)
  File "/opt/anaconda3/envs/D2D_env/lib/python3.11/socketserver.py", line 34
8, in process_request
    self.finish_request(request, client_address)
  File "/opt/anaconda3/envs/D2D_env/lib/python3.11/socketserver.py", line 36
1, in finish_request
    self.RequestHandlerClass(request, client_address, self)
  File "/opt/anaconda3/envs/D2D_env/lib/python3.11/socketserver.py", line 75
5, in __init__
    self.handle()
  File "/opt/anaconda3/envs/D2D_env/lib/python3.11/site-packages/pyspark/acc
umulators.py", line 295, in handle
    poll(accum_updates)
  File "/opt/anaconda3/envs/D2D_env/lib/python3.11/site-packages/pyspark/acc
umulators.py", line 267, in poll
    if self.rfile in r and func():
                           ^^^^^^
  File "/opt/anaconda3/envs/D2D_env/lib/python3.11/site-packages/pyspark/acc
umulators.py", line 271, in accum_updates
    num_updates = read_int(self.rfile)
                  ^^^^^^^^^^^^^^^^^^^^^
  File "/opt/anaconda3/envs/D2D_env/lib/python3.11/site-packages/pyspark/ser
ializers.py", line 596, in read_int
    raise EOFError
EOFError
----------------------------------------
```

In [4]:
```python
# ============================================
# ❸ READ DATA BACK FROM CASSANDRA
# ============================================
cass_df = spark.read \
    .format("org.apache.spark.sql.cassandra") \
    .options(keyspace="energy", table="production_per_group") \
    .load()

cass_df.show(5)

# Check how many rows were written to Cassandra
row_count = cass_df.count()
print(f"Total rows written to Cassandra: {row_count}")
```

```
+---------+-------------------+---------------+-----------+
|pricearea|          starttime|productiongroup|quantitykwh|
+---------+-------------------+---------------+-----------+
|      NO4|2021-01-01 00:00:00|          hydro|  3740830.0|
|      NO4|2021-01-01 00:00:00|          other|      0.161|
|      NO4|2021-01-01 00:00:00|          solar|        0.0|
|      NO4|2021-01-01 00:00:00|        thermal|    21349.0|
|      NO4|2021-01-01 00:00:00|           wind|   381065.0|
+---------+-------------------+---------------+-----------+
only showing top 5 rows

Total rows written to Cassandra: 215328
```

In [5]:
```python
# Check for duplicates based on Cassandra primary key
duplicates = df.reset_index().duplicated(subset=['priceArea','startTime','pr
print(f"Duplicate rows: {duplicates.sum()}")
```

```
Duplicate rows: 0
```

In [6]:
```python
# Reset index so startTime becomes a column again
df_reset = df.reset_index()

# Check for nulls in primary key columns
print(df_reset[['startTime', 'priceArea', 'productionGroup']].isnull().sum()
```

```
startTime         0
priceArea         0
productionGroup   0
dtype: int64
```

Noticing "DataFrame shape: (215353, 3)" in the beginning, while "Total rows written to Cassandra: 215328". There are 25 rows missing, but I could not figure out why.

Plots

In [ ]:
```python
# A pie chart for the total production of the year from a chosen price area
import plotly.express as px

# --- Choose your price area ---
chosen_pricearea = "NO1"

# --- Filter Spark DataFrame for the chosen price area ---
df_selected = spark_df_cassandra.filter(spark_df_cassandra.pricearea == chos

# --- Aggregate total production per production group for the entire year --
df_pie = (
    df_selected.groupBy("productiongroup")
    .sum("quantitykwh")
    .toPandas()
)

# --- Rename column for readability ---
df_pie.rename(columns={"sum(quantitykwh)": "total_quantitykwh"}, inplace=Tru

# --- Create interactive pie chart ---
```

```python
fig = px.pie(
    df_pie,
    names="productiongroup",
    values="total_quantitykwh",
    title=f"Total Production by Group — Price Area {chosen_pricearea} (2021)
)

fig.show()
```

In [ ]:
```python
# A line plot for the first month of the year for a chosen price area

import plotly.io as pio

# --- Set renderer to notebook for inline display ---
pio.renderers.default = "notebook"

# === 1️ Choose price area ===
chosen_pricearea = "NO1"

# === 2️ Filter Spark DataFrame for chosen area and January 2021 ===
df_january = (
    spark_df_cassandra
    .filter(spark_df_cassandra.pricearea == chosen_pricearea)
    .filter((spark_df_cassandra.starttime >= '2021-01-01') & (spark_df_cassa
)

# === 3️ Convert to Pandas for Plotly ===
df_january_pd = df_january.toPandas()

# === 4️ Plot 1 — All production groups ===
fig_all = px.line(
    df_january_pd,
    x="starttime",
    y="quantitykwh",
    color="productiongroup",
    title=f"Hourly Production — January 2021 (Price Area {chosen_pricearea},
    labels={"starttime": "Time", "quantitykwh": "Production (kWh)", "product
)
fig_all.update_layout(template="plotly_white")
fig_all.show()  # Inline in notebook

# === 5️ Extract color mapping used by Plotly in the first figure ===
color_map = {trace.name: trace.line.color for trace in fig_all.data}

# === 6️ Filter out hydro ===
df_no_hydro = df_january_pd[df_january_pd["productiongroup"].str.lower() !=

# === 7️ Create consistent color map for remaining groups ===
consistent_colors = {
    group: color_map[group]
    for group in df_no_hydro["productiongroup"].unique()
    if group in color_map
}

# === 8️ Plot 2 — Without hydro, using same colors, for consistency and to e
```
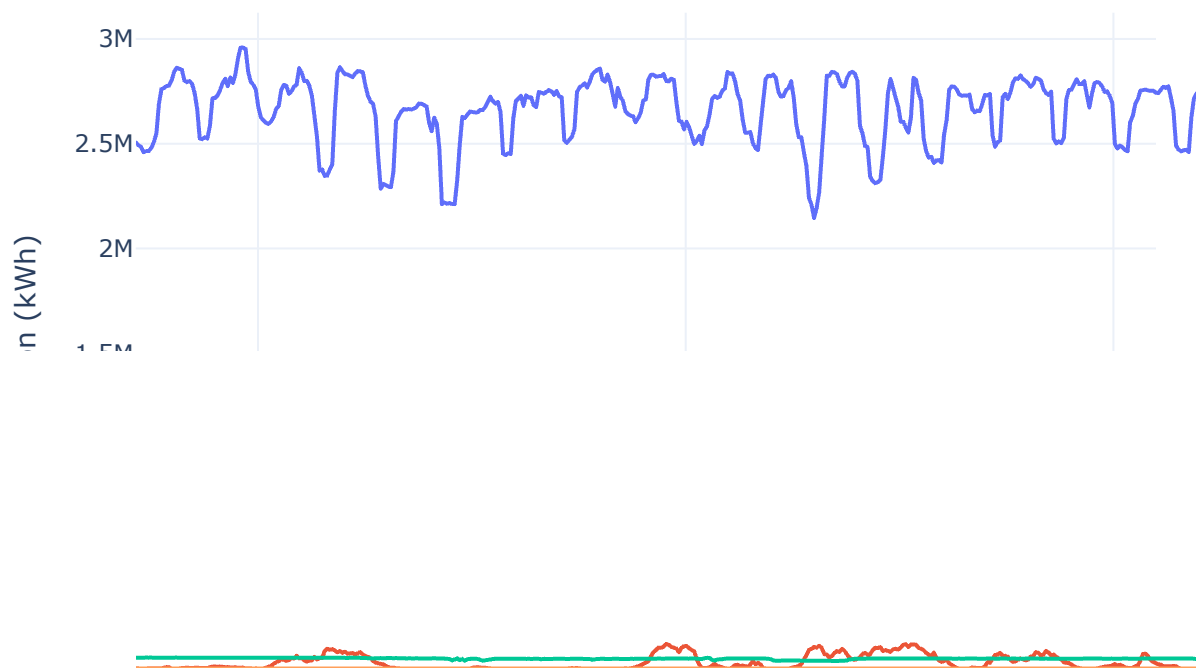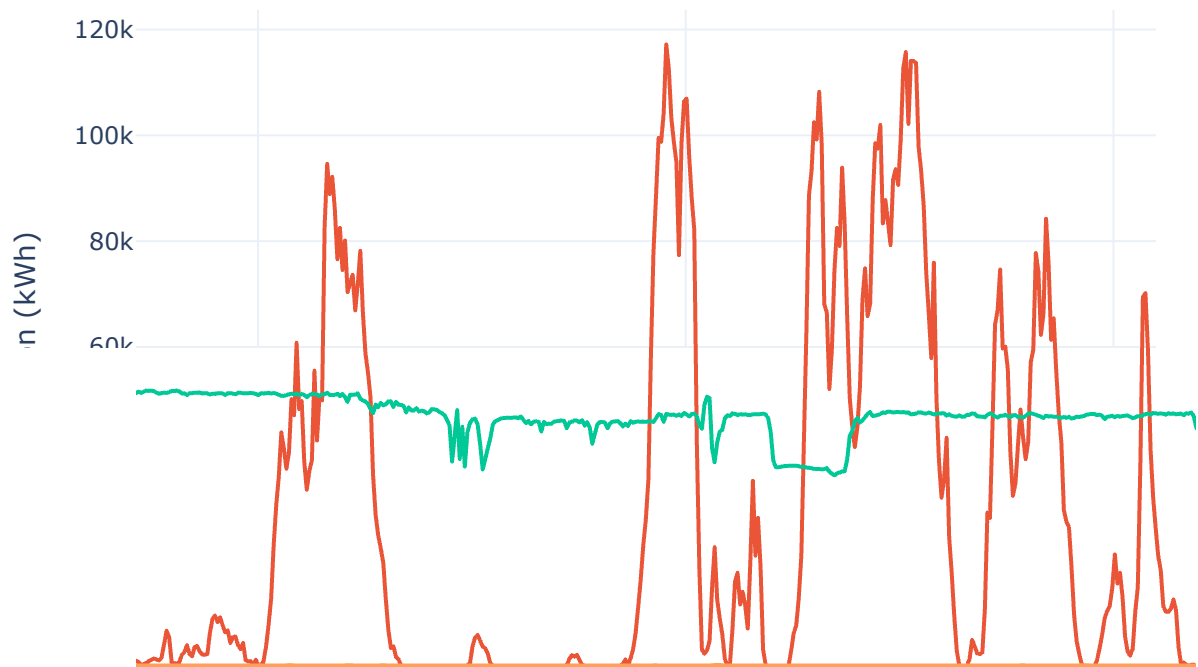
```
fig_no_hydro = px.line(
    df_no_hydro,
    x="starttime",
    y="quantitykwh",
    color="productiongroup",
    title=f"Hourly Production – January 2021 (Price Area {chosen_pricearea},
    labels={"starttime": "Time", "quantitykwh": "Production (kWh)", "product
    color_discrete_map=consistent_colors
)
fig_no_hydro.update_layout(template="plotly_white")
fig_no_hydro.show()  # Inline in notebook
```

Hourly Production – January 2021 (Price Area NO1, All Groups

Hourly Production – January 2021 (Price Area NO1, Without H...

Insert the Spark-extracted data into MongoDB.

```python
from pymongo import MongoClient

# === MongoDB Atlas connection ===
uri = "mongodb+srv://{}:{}@cluster0.qwrlccf.mongodb.net/?retryWrites=true&w=

# --- Read credentials from file ---
USR, PWD = open('/Users/sarahorte/Documents/IND320/Personlig/No_sync/MongoDE

# --- Connect to MongoDB ---
client = MongoClient(uri.format(USR, PWD))

# --- Create database and collection ---
database = client['elhub']
collection = database['production_data']

# --- Convert Spark DataFrame to Pandas for MongoDB ---
df_mongo = spark_df_cassandra.toPandas()  # Use Cassandra-safe DataFrame

# --- Convert DataFrame to list of dictionaries ---
records = df_mongo.to_dict(orient="records")
```

```python
# --- Clear existing data ---
collection.delete_many({})

# --- Insert into MongoDB ---
collection.insert_many(records)

# --- Verify insertion ---
print("✅ Documents inserted:", collection.count_documents({}))
print("Example document:", collection.find_one())
print("Distinct price areas:", collection.distinct("pricearea"))
```

```
✅ Documents inserted: 215353
Example document: {'_id': ObjectId('68f7631ff8a0709e209992bd'), 'pricearea':
'NO1', 'starttime': datetime.datetime(2021, 1, 1, 0, 0), 'productiongroup':
'hydro', 'quantitykwh': 2507716.8}
Distinct price areas: ['NO1', 'NO2', 'NO3', 'NO4', 'NO5']
```

```
25/10/21 14:44:43 WARN HeartbeatReceiver: Removing executor driver with no r
ecent heartbeats: 1203852 ms exceeds timeout 120000 ms
25/10/21 14:44:43 WARN SparkContext: Killing executors is not supported by c
urrent scheduler.
25/10/21 14:44:45 ERROR Inbox: Ignoring error
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUt
ils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:
310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:10
2)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoin
t$lzycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEnd
point.scala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$1(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.
scala:725)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$rece
iveAndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:1
03)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty
$MessageLoop$$receiveLoop(MessageLoop.scala:75)
        at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.sc
ala:41)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(Threa
dPoolExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(Thre
adPoolExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find en
dpoint: spark://CoarseGrainedScheduler@mac.home:59840
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.sc
ala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
```

```
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:
33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:
33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingEx
ecutor.scala:67)
        at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingEx
ecutor.scala:82)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.jav
a:23)
        at scala.concurrent.BlockContext$.withBlockContext(BlockContext.scal
a:85)
        at scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scal
a:59)
        at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecut
e(Future.scala:875)
        at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:
110)
        at scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scal
a:107)
        at scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.
scala:873)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
```

```
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.trySuccess(Promise.scala:94)
        at scala.concurrent.Promise.trySuccess$(Promise.scala:94)
        at scala.concurrent.impl.Promise$DefaultPromise.trySuccess(Promise.s
cala:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.sc
ala:225)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(Ne
ttyRpcEnv.scala:239)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$ad
apted(NettyRpcEnv.scala:238)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.Promise.success(Promise.scala:86)
        at scala.concurrent.Promise.success$(Promise.scala:86)
        at scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scal
a:187)
        at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpc
CallContext.scala:50)
        at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCall
Context.scala:32)
        at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAn
dReply$1.applyOrElse(RpcEndpointVerifier.scala:31)
        ... 8 more
25/10/21 14:44:45 WARN Executor: Issue communicating with driver in heartbea
ter
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUt
ils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:
310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:
101)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:
85)
        at org.apache.spark.storage.BlockManagerMaster.registerBlockManager
(BlockManagerMaster.scala:80)
```

```
        at org.apache.spark.storage.BlockManager.reregister(BlockManager.sca
la:642)
        at org.apache.spark.executor.Executor.reportHeartBeat(Executor.scal
a:1223)
        at org.apache.spark.executor.Executor.$anonfun$heartbeater$1(Executo
r.scala:295)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.jav
a:23)
        at org.apache.spark.util.Utils$.logUncaughtExceptions(Utils.scala:19
28)
        at org.apache.spark.Heartbeater$$anon$1.run(Heartbeater.scala:46)
        at java.base/java.util.concurrent.Executors$RunnableAdapter.call(Exe
cutors.java:515)
        at java.base/java.util.concurrent.FutureTask.runAndReset(FutureTask.
java:305)
        at java.base/java.util.concurrent.ScheduledThreadPoolExecutor$Schedu
ledFutureTask.run(ScheduledThreadPoolExecutor.java:305)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(Threa
dPoolExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(Thre
adPoolExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUt
ils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:
310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:10
2)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoin
t$lzycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEnd
point.scala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$1(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.
scala:725)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$rece
iveAndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:1
03)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty
$MessageLoop$$receiveLoop(MessageLoop.scala:75)
        at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.sc
ala:41)
        ... 3 more
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find en
```

```
dpoint: spark://CoarseGrainedScheduler@mac.home:59840
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.sc
ala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:
33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:
33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingEx
ecutor.scala:67)
        at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingEx
ecutor.scala:82)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.jav
a:23)
        at scala.concurrent.BlockContext$.withBlockContext(BlockContext.scal
a:85)
        at scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scal
```

```
a:59)
        at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecut
e(Future.scala:875)
        at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:
110)
        at scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scal
a:107)
        at scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.
scala:873)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.trySuccess(Promise.scala:94)
        at scala.concurrent.Promise.trySuccess$(Promise.scala:94)
        at scala.concurrent.impl.Promise$DefaultPromise.trySuccess(Promise.s
cala:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.sc
ala:225)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(Ne
ttyRpcEnv.scala:239)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$ad
apted(NettyRpcEnv.scala:238)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.Promise.success(Promise.scala:86)
        at scala.concurrent.Promise.success$(Promise.scala:86)
        at scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scal
a:187)
        at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpc
CallContext.scala:50)
        at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCall
Context.scala:32)
        at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAn
dReply$1.applyOrElse(RpcEndpointVerifier.scala:31)
        ... 8 more
25/10/21 15:14:46 ERROR Inbox: Ignoring error
```

```
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUt
ils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:
310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:10
2)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoin
t$lzycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEnd
point.scala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$1(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.
scala:725)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$rece
iveAndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:1
03)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty
$MessageLoop$$receiveLoop(MessageLoop.scala:75)
        at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.sc
ala:41)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(Threa
dPoolExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(Thre
adPoolExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find en
dpoint: spark://CoarseGrainedScheduler@mac.home:59840
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.sc
ala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
```

```
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:
33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:
33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingEx
ecutor.scala:67)
        at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingEx
ecutor.scala:82)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.jav
a:23)
        at scala.concurrent.BlockContext$.withBlockContext(BlockContext.scal
a:85)
        at scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scal
a:59)
        at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecut
e(Future.scala:875)
        at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:
110)
        at scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scal
a:107)
        at scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.
scala:873)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.trySuccess(Promise.scala:94)
```

```
        at scala.concurrent.Promise.trySuccess$(Promise.scala:94)
        at scala.concurrent.impl.Promise$DefaultPromise.trySuccess(Promise.s
cala:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.sc
ala:225)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(Ne
ttyRpcEnv.scala:239)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$ad
apted(NettyRpcEnv.scala:238)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.Promise.success(Promise.scala:86)
        at scala.concurrent.Promise.success$(Promise.scala:86)
        at scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scal
a:187)
        at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpc
CallContext.scala:50)
        at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCall
Context.scala:32)
        at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAn
dReply$1.applyOrElse(RpcEndpointVerifier.scala:31)
        ... 8 more
25/10/21 15:14:46 WARN Executor: Issue communicating with driver in heartbea
ter
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUt
ils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:
310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:
101)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:
85)
        at org.apache.spark.storage.BlockManagerMaster.registerBlockManager
(BlockManagerMaster.scala:80)
        at org.apache.spark.storage.BlockManager.reregister(BlockManager.sca
la:642)
        at org.apache.spark.executor.Executor.reportHeartBeat(Executor.scal
a:1223)
        at org.apache.spark.executor.Executor.$anonfun$heartbeater$1(Executo
```

```
r.scala:295)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.jav
a:23)
        at org.apache.spark.util.Utils$.logUncaughtExceptions(Utils.scala:19
28)
        at org.apache.spark.Heartbeater$$anon$1.run(Heartbeater.scala:46)
        at java.base/java.util.concurrent.Executors$RunnableAdapter.call(Exe
cutors.java:515)
        at java.base/java.util.concurrent.FutureTask.runAndReset(FutureTask.
java:305)
        at java.base/java.util.concurrent.ScheduledThreadPoolExecutor$Schedu
ledFutureTask.run(ScheduledThreadPoolExecutor.java:305)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(Threa
dPoolExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(Thre
adPoolExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUt
ils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:
310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:10
2)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoin
t$lzycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEnd
point.scala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$1(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.
scala:725)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$rece
iveAndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:1
03)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty
$MessageLoop$$receiveLoop(MessageLoop.scala:75)
        at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.sc
ala:41)
        ... 3 more
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find en
dpoint: spark://CoarseGrainedScheduler@mac.home:59840
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1$adapted(NettyRpcEnv.scala:144)
```

```
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.sc
ala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:
33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:
33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingEx
ecutor.scala:67)
        at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingEx
ecutor.scala:82)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.jav
a:23)
        at scala.concurrent.BlockContext$.withBlockContext(BlockContext.scal
a:85)
        at scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scal
a:59)
        at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecut
e(Future.scala:875)
        at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:
110)
```

```
        at scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scal
a:107)
        at scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.
scala:873)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.trySuccess(Promise.scala:94)
        at scala.concurrent.Promise.trySuccess$(Promise.scala:94)
        at scala.concurrent.impl.Promise$DefaultPromise.trySuccess(Promise.s
cala:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.sc
ala:225)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(Ne
ttyRpcEnv.scala:239)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$ad
apted(NettyRpcEnv.scala:238)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.Promise.success(Promise.scala:86)
        at scala.concurrent.Promise.success$(Promise.scala:86)
        at scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scal
a:187)
        at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpc
CallContext.scala:50)
        at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCall
Context.scala:32)
        at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAn
dReply$1.applyOrElse(RpcEndpointVerifier.scala:31)
        ... 8 more
25/10/21 15:30:00 ERROR Inbox: Ignoring error
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUt
ils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:
310)
```

```
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:10
2)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoin
t$lzycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEnd
point.scala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$1(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.
scala:725)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$rece
iveAndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:1
03)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty
$MessageLoop$$receiveLoop(MessageLoop.scala:75)
        at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.sc
ala:41)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(Threa
dPoolExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(Thre
adPoolExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find en
dpoint: spark://CoarseGrainedScheduler@mac.home:59840
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.sc
ala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
```

```
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:
33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:
33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingEx
ecutor.scala:67)
        at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingEx
ecutor.scala:82)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.jav
a:23)
        at scala.concurrent.BlockContext$.withBlockContext(BlockContext.scal
a:85)
        at scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scal
a:59)
        at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecut
e(Future.scala:875)
        at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:
110)
        at scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scal
a:107)
        at scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.
scala:873)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.trySuccess(Promise.scala:94)
        at scala.concurrent.Promise.trySuccess$(Promise.scala:94)
        at scala.concurrent.impl.Promise$DefaultPromise.trySuccess(Promise.s
cala:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.sc
ala:225)
```

```
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(Ne
ttyRpcEnv.scala:239)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$ad
apted(NettyRpcEnv.scala:238)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.Promise.success(Promise.scala:86)
        at scala.concurrent.Promise.success$(Promise.scala:86)
        at scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scal
a:187)
        at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpc
CallContext.scala:50)
        at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCall
Context.scala:32)
        at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAn
dReply$1.applyOrElse(RpcEndpointVerifier.scala:31)
        ... 8 more
25/10/21 15:30:00 WARN Executor: Issue communicating with driver in heartbea
ter
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUt
ils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:
310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:
101)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:
85)
        at org.apache.spark.storage.BlockManagerMaster.registerBlockManager
(BlockManagerMaster.scala:80)
        at org.apache.spark.storage.BlockManager.reregister(BlockManager.sca
la:642)
        at org.apache.spark.executor.Executor.reportHeartBeat(Executor.scal
a:1223)
        at org.apache.spark.executor.Executor.$anonfun$heartbeater$1(Executo
r.scala:295)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.jav
a:23)
        at org.apache.spark.util.Utils$.logUncaughtExceptions(Utils.scala:19
28)
```

```
        at org.apache.spark.Heartbeater$$anon$1.run(Heartbeater.scala:46)
        at java.base/java.util.concurrent.Executors$RunnableAdapter.call(Exe
cutors.java:515)
        at java.base/java.util.concurrent.FutureTask.runAndReset(FutureTask.
java:305)
        at java.base/java.util.concurrent.ScheduledThreadPoolExecutor$Schedu
ledFutureTask.run(ScheduledThreadPoolExecutor.java:305)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(Threa
dPoolExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(Thre
adPoolExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUt
ils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:
310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:10
2)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoin
t$lzycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEnd
point.scala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$1(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.
scala:725)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$rece
iveAndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:1
03)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty
$MessageLoop$$receiveLoop(MessageLoop.scala:75)
        at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.sc
ala:41)
        ... 3 more
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find en
dpoint: spark://CoarseGrainedScheduler@mac.home:59840
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.sc
ala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
```

```
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:
33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:
33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingEx
ecutor.scala:67)
        at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingEx
ecutor.scala:82)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.jav
a:23)
        at scala.concurrent.BlockContext$.withBlockContext(BlockContext.scal
a:85)
        at scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scal
a:59)
        at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecut
e(Future.scala:875)
        at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:
110)
        at scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scal
a:107)
        at scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.
scala:873)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
```

```
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.trySuccess(Promise.scala:94)
        at scala.concurrent.Promise.trySuccess$(Promise.scala:94)
        at scala.concurrent.impl.Promise$DefaultPromise.trySuccess(Promise.s
cala:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.sc
ala:225)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(Ne
ttyRpcEnv.scala:239)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$ad
apted(NettyRpcEnv.scala:238)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.Promise.success(Promise.scala:86)
        at scala.concurrent.Promise.success$(Promise.scala:86)
        at scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scal
a:187)
        at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpc
CallContext.scala:50)
        at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCall
Context.scala:32)
        at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAn
dReply$1.applyOrElse(RpcEndpointVerifier.scala:31)
        ... 8 more
25/10/21 15:45:48 ERROR Inbox: Ignoring error
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUt
ils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:
310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:10
2)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
```

```
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoin
t$lzycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEnd
point.scala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$1(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.
scala:725)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$rece
iveAndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:1
03)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty
$MessageLoop$$receiveLoop(MessageLoop.scala:75)
        at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.sc
ala:41)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(Threa
dPoolExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(Thre
adPoolExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find en
dpoint: spark://CoarseGrainedScheduler@mac.home:59840
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.sc
ala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.dispatchOrAddCallbac
k(Promise.scala:316)
        at scala.concurrent.impl.Promise$DefaultPromise.onComplete(Promise.s
cala:307)
        at scala.concurrent.impl.Promise.transformWith(Promise.scala:40)
        at scala.concurrent.impl.Promise.transformWith$(Promise.scala:38)
        at scala.concurrent.impl.Promise$DefaultPromise.transformWith(Promis
e.scala:187)
        at scala.concurrent.Future.flatMap(Future.scala:306)
        at scala.concurrent.Future.flatMap$(Future.scala:306)
        at scala.concurrent.impl.Promise$DefaultPromise.flatMap(Promise.scal
a:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.asyncSetupEndpointRefByURI
```

```
(NettyRpcEnv.scala:150)
        ... 17 more
25/10/21 15:45:48 WARN Executor: Issue communicating with driver in heartbea
ter
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUt
ils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:
310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:
101)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:
85)
        at org.apache.spark.storage.BlockManagerMaster.registerBlockManager
(BlockManagerMaster.scala:80)
        at org.apache.spark.storage.BlockManager.reregister(BlockManager.sca
la:642)
        at org.apache.spark.executor.Executor.reportHeartBeat(Executor.scal
a:1223)
        at org.apache.spark.executor.Executor.$anonfun$heartbeater$1(Executo
r.scala:295)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.jav
a:23)
        at org.apache.spark.util.Utils$.logUncaughtExceptions(Utils.scala:19
28)
        at org.apache.spark.Heartbeater$$anon$1.run(Heartbeater.scala:46)
        at java.base/java.util.concurrent.Executors$RunnableAdapter.call(Exe
cutors.java:515)
        at java.base/java.util.concurrent.FutureTask.runAndReset(FutureTask.
java:305)
        at java.base/java.util.concurrent.ScheduledThreadPoolExecutor$Schedu
ledFutureTask.run(ScheduledThreadPoolExecutor.java:305)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(Threa
dPoolExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(Thre
adPoolExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUt
ils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:
310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:10
2)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoin
t$lzycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEnd
point.scala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
```

```
ve$1(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.
scala:725)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$rece
iveAndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:1
03)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty
$MessageLoop$$receiveLoop(MessageLoop.scala:75)
        at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.sc
ala:41)
        ... 3 more
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find en
dpoint: spark://CoarseGrainedScheduler@mac.home:59840
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.sc
ala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.dispatchOrAddCallbac
k(Promise.scala:316)
        at scala.concurrent.impl.Promise$DefaultPromise.onComplete(Promise.s
cala:307)
        at scala.concurrent.impl.Promise.transformWith(Promise.scala:40)
        at scala.concurrent.impl.Promise.transformWith$(Promise.scala:38)
        at scala.concurrent.impl.Promise$DefaultPromise.transformWith(Promis
e.scala:187)
        at scala.concurrent.Future.flatMap(Future.scala:306)
        at scala.concurrent.Future.flatMap$(Future.scala:306)
        at scala.concurrent.impl.Promise$DefaultPromise.flatMap(Promise.scal
a:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.asyncSetupEndpointRefByURI
(NettyRpcEnv.scala:150)
        ... 17 more
25/10/21 16:16:10 ERROR Inbox: Ignoring error
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUt
ils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:
310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:10
2)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
```

```
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoin
t$lzycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEnd
point.scala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$1(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.
scala:725)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$rece
iveAndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:1
03)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty
$MessageLoop$$receiveLoop(MessageLoop.scala:75)
        at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.sc
ala:41)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(Threa
dPoolExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(Thre
adPoolExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find en
dpoint: spark://CoarseGrainedScheduler@mac.home:59840
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.sc
ala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:
33)
```

```
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:
33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingEx
ecutor.scala:67)
        at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingEx
ecutor.scala:82)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.jav
a:23)
        at scala.concurrent.BlockContext$.withBlockContext(BlockContext.scal
a:85)
        at scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scal
a:59)
        at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecut
e(Future.scala:875)
        at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:
110)
        at scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scal
a:107)
        at scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.
scala:873)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.trySuccess(Promise.scala:94)
        at scala.concurrent.Promise.trySuccess$(Promise.scala:94)
        at scala.concurrent.impl.Promise$DefaultPromise.trySuccess(Promise.s
cala:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.sc
ala:225)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(Ne
ttyRpcEnv.scala:239)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$ad
apted(NettyRpcEnv.scala:238)
```

```
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.Promise.success(Promise.scala:86)
        at scala.concurrent.Promise.success$(Promise.scala:86)
        at scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scal
a:187)
        at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpc
CallContext.scala:50)
        at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCall
Context.scala:32)
        at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAn
dReply$1.applyOrElse(RpcEndpointVerifier.scala:31)
        ... 8 more
25/10/21 16:16:10 WARN Executor: Issue communicating with driver in heartbea
ter
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUt
ils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:
310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:
101)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:
85)
        at org.apache.spark.storage.BlockManagerMaster.registerBlockManager
(BlockManagerMaster.scala:80)
        at org.apache.spark.storage.BlockManager.reregister(BlockManager.sca
la:642)
        at org.apache.spark.executor.Executor.reportHeartBeat(Executor.scal
a:1223)
        at org.apache.spark.executor.Executor.$anonfun$heartbeater$1(Executo
r.scala:295)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.jav
a:23)
        at org.apache.spark.util.Utils$.logUncaughtExceptions(Utils.scala:19
28)
        at org.apache.spark.Heartbeater$$anon$1.run(Heartbeater.scala:46)
        at java.base/java.util.concurrent.Executors$RunnableAdapter.call(Exe
cutors.java:515)
        at java.base/java.util.concurrent.FutureTask.runAndReset(FutureTask.
```

```
java:305)
        at java.base/java.util.concurrent.ScheduledThreadPoolExecutor$Schedu
ledFutureTask.run(ScheduledThreadPoolExecutor.java:305)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(Threa
dPoolExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(Thre
adPoolExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUt
ils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:
310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:10
2)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoin
t$lzycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEnd
point.scala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$1(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.
scala:725)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$rece
iveAndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:1
03)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty
$MessageLoop$$receiveLoop(MessageLoop.scala:75)
        at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.sc
ala:41)
        ... 3 more
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find en
dpoint: spark://CoarseGrainedScheduler@mac.home:59840
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.sc
ala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
```

```
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:
33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:
33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingEx
ecutor.scala:67)
        at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingEx
ecutor.scala:82)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.jav
a:23)
        at scala.concurrent.BlockContext$.withBlockContext(BlockContext.scal
a:85)
        at scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scal
a:59)
        at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecut
e(Future.scala:875)
        at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:
110)
        at scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scal
a:107)
        at scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.
scala:873)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
```

```
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.trySuccess(Promise.scala:94)
        at scala.concurrent.Promise.trySuccess$(Promise.scala:94)
        at scala.concurrent.impl.Promise$DefaultPromise.trySuccess(Promise.s
cala:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.sc
ala:225)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(Ne
ttyRpcEnv.scala:239)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$ad
apted(NettyRpcEnv.scala:238)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.Promise.success(Promise.scala:86)
        at scala.concurrent.Promise.success$(Promise.scala:86)
        at scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scal
a:187)
        at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpc
CallContext.scala:50)
        at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCall
Context.scala:32)
        at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAn
dReply$1.applyOrElse(RpcEndpointVerifier.scala:31)
        ... 8 more
25/10/21 16:46:43 ERROR Inbox: Ignoring error
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUt
ils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:
310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:10
2)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoin
t$lzycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEnd
```

```
point.scala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$1(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.
scala:725)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$rece
iveAndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:1
03)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty
$MessageLoop$$receiveLoop(MessageLoop.scala:75)
        at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.sc
ala:41)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(Threa
dPoolExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(Thre
adPoolExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find en
dpoint: spark://CoarseGrainedScheduler@mac.home:59840
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.sc
ala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:
33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
```

```
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:
33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingEx
ecutor.scala:67)
        at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingEx
ecutor.scala:82)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.jav
a:23)
        at scala.concurrent.BlockContext$.withBlockContext(BlockContext.scal
a:85)
        at scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scal
a:59)
        at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecut
e(Future.scala:875)
        at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:
110)
        at scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scal
a:107)
        at scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.
scala:873)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.trySuccess(Promise.scala:94)
        at scala.concurrent.Promise.trySuccess$(Promise.scala:94)
        at scala.concurrent.impl.Promise$DefaultPromise.trySuccess(Promise.s
cala:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.sc
ala:225)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(Ne
ttyRpcEnv.scala:239)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$ad
apted(NettyRpcEnv.scala:238)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
```

```
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.Promise.success(Promise.scala:86)
        at scala.concurrent.Promise.success$(Promise.scala:86)
        at scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scal
a:187)
        at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpc
CallContext.scala:50)
        at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCall
Context.scala:32)
        at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAn
dReply$1.applyOrElse(RpcEndpointVerifier.scala:31)
        ... 8 more
25/10/21 16:46:43 WARN Executor: Issue communicating with driver in heartbea
ter
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUt
ils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:
310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:
101)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:
85)
        at org.apache.spark.storage.BlockManagerMaster.registerBlockManager
(BlockManagerMaster.scala:80)
        at org.apache.spark.storage.BlockManager.reregister(BlockManager.sca
la:642)
        at org.apache.spark.executor.Executor.reportHeartBeat(Executor.scal
a:1223)
        at org.apache.spark.executor.Executor.$anonfun$heartbeater$1(Executo
r.scala:295)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.jav
a:23)
        at org.apache.spark.util.Utils$.logUncaughtExceptions(Utils.scala:19
28)
        at org.apache.spark.Heartbeater$$anon$1.run(Heartbeater.scala:46)
        at java.base/java.util.concurrent.Executors$RunnableAdapter.call(Exe
cutors.java:515)
        at java.base/java.util.concurrent.FutureTask.runAndReset(FutureTask.
java:305)
        at java.base/java.util.concurrent.ScheduledThreadPoolExecutor$Schedu
ledFutureTask.run(ScheduledThreadPoolExecutor.java:305)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(Threa
dPoolExecutor.java:1128)
```

```
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(Thre
adPoolExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUt
ils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:
310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:10
2)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoin
t$lzycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEnd
point.scala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$1(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.
scala:725)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$rece
iveAndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:1
03)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty
$MessageLoop$$receiveLoop(MessageLoop.scala:75)
        at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.sc
ala:41)
        ... 3 more
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find en
dpoint: spark://CoarseGrainedScheduler@mac.home:59840
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.sc
ala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
```

```
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:
33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:
33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingEx
ecutor.scala:67)
        at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingEx
ecutor.scala:82)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.jav
a:23)
        at scala.concurrent.BlockContext$.withBlockContext(BlockContext.scal
a:85)
        at scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scal
a:59)
        at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecut
e(Future.scala:875)
        at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:
110)
        at scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scal
a:107)
        at scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.
scala:873)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.trySuccess(Promise.scala:94)
        at scala.concurrent.Promise.trySuccess$(Promise.scala:94)
```

```
        at scala.concurrent.impl.Promise$DefaultPromise.trySuccess(Promise.s
cala:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.sc
ala:225)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(Ne
ttyRpcEnv.scala:239)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$ad
apted(NettyRpcEnv.scala:238)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.Promise.success(Promise.scala:86)
        at scala.concurrent.Promise.success$(Promise.scala:86)
        at scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scal
a:187)
        at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpc
CallContext.scala:50)
        at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCall
Context.scala:32)
        at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAn
dReply$1.applyOrElse(RpcEndpointVerifier.scala:31)
        ... 8 more
25/10/21 17:02:36 ERROR Inbox: Ignoring error
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUt
ils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:
310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:10
2)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoin
t$lzycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEnd
point.scala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$1(BlockManagerMasterEndpoint.scala:687)
```

```
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.
scala:725)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$rece
iveAndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:1
03)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty
$MessageLoop$$receiveLoop(MessageLoop.scala:75)
        at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.sc
ala:41)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(Threa
dPoolExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(Thre
adPoolExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find en
dpoint: spark://CoarseGrainedScheduler@mac.home:59840
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.sc
ala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:
33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
```

```
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:
33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingEx
ecutor.scala:67)
        at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingEx
ecutor.scala:82)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.jav
a:23)
        at scala.concurrent.BlockContext$.withBlockContext(BlockContext.scal
a:85)
        at scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scal
a:59)
        at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecut
e(Future.scala:875)
        at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:
110)
        at scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scal
a:107)
        at scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.
scala:873)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.trySuccess(Promise.scala:94)
        at scala.concurrent.Promise.trySuccess$(Promise.scala:94)
        at scala.concurrent.impl.Promise$DefaultPromise.trySuccess(Promise.s
cala:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.sc
ala:225)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(Ne
ttyRpcEnv.scala:239)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$ad
apted(NettyRpcEnv.scala:238)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
```

```
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.Promise.success(Promise.scala:86)
        at scala.concurrent.Promise.success$(Promise.scala:86)
        at scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scal
a:187)
        at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpc
CallContext.scala:50)
        at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCall
Context.scala:32)
        at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAn
dReply$1.applyOrElse(RpcEndpointVerifier.scala:31)
        ... 8 more
25/10/21 17:02:36 WARN Executor: Issue communicating with driver in heartbea
ter
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUt
ils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:
310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:
101)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:
85)
        at org.apache.spark.storage.BlockManagerMaster.registerBlockManager
(BlockManagerMaster.scala:80)
        at org.apache.spark.storage.BlockManager.reregister(BlockManager.sca
la:642)
        at org.apache.spark.executor.Executor.reportHeartBeat(Executor.scal
a:1223)
        at org.apache.spark.executor.Executor.$anonfun$heartbeater$1(Executo
r.scala:295)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.jav
a:23)
        at org.apache.spark.util.Utils$.logUncaughtExceptions(Utils.scala:19
28)
        at org.apache.spark.Heartbeater$$anon$1.run(Heartbeater.scala:46)
        at java.base/java.util.concurrent.Executors$RunnableAdapter.call(Exe
cutors.java:515)
        at java.base/java.util.concurrent.FutureTask.runAndReset(FutureTask.
java:305)
        at java.base/java.util.concurrent.ScheduledThreadPoolExecutor$Schedu
ledFutureTask.run(ScheduledThreadPoolExecutor.java:305)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(Threa
dPoolExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(Thre
adPoolExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUt
```

```
ils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:
310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:10
2)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoin
t$lzycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEnd
point.scala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$1(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.
scala:725)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$rece
iveAndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:1
03)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty
$MessageLoop$$receiveLoop(MessageLoop.scala:75)
        at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.sc
ala:41)
        ... 3 more
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find en
dpoint: spark://CoarseGrainedScheduler@mac.home:59840
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.sc
ala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
```

```
la:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:
33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:
33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingEx
ecutor.scala:67)
        at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingEx
ecutor.scala:82)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.jav
a:23)
        at scala.concurrent.BlockContext$.withBlockContext(BlockContext.scal
a:85)
        at scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scal
a:59)
        at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecut
e(Future.scala:875)
        at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:
110)
        at scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scal
a:107)
        at scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.
scala:873)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.trySuccess(Promise.scala:94)
        at scala.concurrent.Promise.trySuccess$(Promise.scala:94)
        at scala.concurrent.impl.Promise$DefaultPromise.trySuccess(Promise.s
cala:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.sc
ala:225)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(Ne
```

```
ttyRpcEnv.scala:239)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$ad
apted(NettyRpcEnv.scala:238)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.Promise.success(Promise.scala:86)
        at scala.concurrent.Promise.success$(Promise.scala:86)
        at scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scal
a:187)
        at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpc
CallContext.scala:50)
        at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCall
Context.scala:32)
        at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAn
dReply$1.applyOrElse(RpcEndpointVerifier.scala:31)
        ... 8 more
25/10/21 17:19:41 ERROR Inbox: Ignoring error
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUt
ils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:
310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:10
2)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoin
t$lzycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEnd
point.scala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$1(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.
scala:725)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$rece
iveAndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
```

```
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:1
03)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty
$MessageLoop$$receiveLoop(MessageLoop.scala:75)
        at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.sc
ala:41)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(Threa
dPoolExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(Thre
adPoolExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find en
dpoint: spark://CoarseGrainedScheduler@mac.home:59840
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.sc
ala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:
33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
```

```
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:
33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingEx
ecutor.scala:67)
        at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingEx
ecutor.scala:82)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.jav
a:23)
        at scala.concurrent.BlockContext$.withBlockContext(BlockContext.scal
a:85)
        at scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scal
a:59)
        at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecut
e(Future.scala:875)
        at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:
110)
        at scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scal
a:107)
        at scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.
scala:873)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.trySuccess(Promise.scala:94)
        at scala.concurrent.Promise.trySuccess$(Promise.scala:94)
        at scala.concurrent.impl.Promise$DefaultPromise.trySuccess(Promise.s
cala:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.sc
ala:225)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(Ne
ttyRpcEnv.scala:239)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$ad
apted(NettyRpcEnv.scala:238)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
```

```
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.Promise.success(Promise.scala:86)
        at scala.concurrent.Promise.success$(Promise.scala:86)
        at scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scal
a:187)
        at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpc
CallContext.scala:50)
        at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCall
Context.scala:32)
        at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAn
dReply$1.applyOrElse(RpcEndpointVerifier.scala:31)
        ... 8 more
25/10/21 17:19:41 WARN Executor: Issue communicating with driver in heartbea
ter
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUt
ils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:
310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:
101)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:
85)
        at org.apache.spark.storage.BlockManagerMaster.registerBlockManager
(BlockManagerMaster.scala:80)
        at org.apache.spark.storage.BlockManager.reregister(BlockManager.sca
la:642)
        at org.apache.spark.executor.Executor.reportHeartBeat(Executor.scal
a:1223)
        at org.apache.spark.executor.Executor.$anonfun$heartbeater$1(Executo
r.scala:295)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.jav
a:23)
        at org.apache.spark.util.Utils$.logUncaughtExceptions(Utils.scala:19
28)
        at org.apache.spark.Heartbeater$$anon$1.run(Heartbeater.scala:46)
        at java.base/java.util.concurrent.Executors$RunnableAdapter.call(Exe
cutors.java:515)
        at java.base/java.util.concurrent.FutureTask.runAndReset(FutureTask.
java:305)
        at java.base/java.util.concurrent.ScheduledThreadPoolExecutor$Schedu
ledFutureTask.run(ScheduledThreadPoolExecutor.java:305)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(Threa
dPoolExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(Thre
adPoolExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUt
ils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:
310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:10
```

```
2)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoin
t$lzycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEnd
point.scala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$1(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.
scala:725)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$rece
iveAndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:1
03)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty
$MessageLoop$$receiveLoop(MessageLoop.scala:75)
        at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.sc
ala:41)
        ... 3 more
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find en
dpoint: spark://CoarseGrainedScheduler@mac.home:59840
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.sc
ala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:
33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
```

```
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:
33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingEx
ecutor.scala:67)
        at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingEx
ecutor.scala:82)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.jav
a:23)
        at scala.concurrent.BlockContext$.withBlockContext(BlockContext.scal
a:85)
        at scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scal
a:59)
        at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecut
e(Future.scala:875)
        at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:
110)
        at scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scal
a:107)
        at scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.
scala:873)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.trySuccess(Promise.scala:94)
        at scala.concurrent.Promise.trySuccess$(Promise.scala:94)
        at scala.concurrent.impl.Promise$DefaultPromise.trySuccess(Promise.s
cala:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.sc
ala:225)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(Ne
ttyRpcEnv.scala:239)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$ad
apted(NettyRpcEnv.scala:238)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
```

```
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.Promise.success(Promise.scala:86)
        at scala.concurrent.Promise.success$(Promise.scala:86)
        at scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scal
a:187)
        at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpc
CallContext.scala:50)
        at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCall
Context.scala:32)
        at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAn
dReply$1.applyOrElse(RpcEndpointVerifier.scala:31)
        ... 8 more
25/10/21 17:47:41 ERROR Inbox: Ignoring error
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUt
ils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:
310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:10
2)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoin
t$lzycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEnd
point.scala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$1(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.
scala:725)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$rece
iveAndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:1
03)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty
```

```
$MessageLoop$$receiveLoop(MessageLoop.scala:75)
        at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.sc
ala:41)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(Threa
dPoolExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(Thre
adPoolExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find en
dpoint: spark://CoarseGrainedScheduler@mac.home:59840
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.sc
ala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:
33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:
33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
```

```
        at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingEx
ecutor.scala:67)
        at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingEx
ecutor.scala:82)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.jav
a:23)
        at scala.concurrent.BlockContext$.withBlockContext(BlockContext.scal
a:85)
        at scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scal
a:59)
        at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecut
e(Future.scala:875)
        at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:
110)
        at scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scal
a:107)
        at scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.
scala:873)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.trySuccess(Promise.scala:94)
        at scala.concurrent.Promise.trySuccess$(Promise.scala:94)
        at scala.concurrent.impl.Promise$DefaultPromise.trySuccess(Promise.s
cala:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.sc
ala:225)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(Ne
ttyRpcEnv.scala:239)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$ad
apted(NettyRpcEnv.scala:238)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.Promise.success(Promise.scala:86)
        at scala.concurrent.Promise.success$(Promise.scala:86)
        at scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scal
```

```
a:187)
        at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpc
CallContext.scala:50)
        at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCall
Context.scala:32)
        at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAn
dReply$1.applyOrElse(RpcEndpointVerifier.scala:31)
        ... 8 more
25/10/21 17:47:41 WARN Executor: Issue communicating with driver in heartbea
ter
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUt
ils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:
310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:
101)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:
85)
        at org.apache.spark.storage.BlockManagerMaster.registerBlockManager
(BlockManagerMaster.scala:80)
        at org.apache.spark.storage.BlockManager.reregister(BlockManager.sca
la:642)
        at org.apache.spark.executor.Executor.reportHeartBeat(Executor.scal
a:1223)
        at org.apache.spark.executor.Executor.$anonfun$heartbeater$1(Executo
r.scala:295)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.jav
a:23)
        at org.apache.spark.util.Utils$.logUncaughtExceptions(Utils.scala:19
28)
        at org.apache.spark.Heartbeater$$anon$1.run(Heartbeater.scala:46)
        at java.base/java.util.concurrent.Executors$RunnableAdapter.call(Exe
cutors.java:515)
        at java.base/java.util.concurrent.FutureTask.runAndReset(FutureTask.
java:305)
        at java.base/java.util.concurrent.ScheduledThreadPoolExecutor$Schedu
ledFutureTask.run(ScheduledThreadPoolExecutor.java:305)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(Threa
dPoolExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(Thre
adPoolExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUt
ils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:
310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:10
2)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoin
t$lzycompute(BlockManagerMasterEndpoint.scala:124)
```

```
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEnd
point.scala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$1(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.
scala:725)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$rece
iveAndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:1
03)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty
$MessageLoop$$receiveLoop(MessageLoop.scala:75)
        at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.sc
ala:41)
        ... 3 more
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find en
dpoint: spark://CoarseGrainedScheduler@mac.home:59840
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.sc
ala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:
33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
```

```
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:
33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingEx
ecutor.scala:67)
        at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingEx
ecutor.scala:82)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.jav
a:23)
        at scala.concurrent.BlockContext$.withBlockContext(BlockContext.scal
a:85)
        at scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scal
a:59)
        at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecut
e(Future.scala:875)
        at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:
110)
        at scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scal
a:107)
        at scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.
scala:873)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.trySuccess(Promise.scala:94)
        at scala.concurrent.Promise.trySuccess$(Promise.scala:94)
        at scala.concurrent.impl.Promise$DefaultPromise.trySuccess(Promise.s
cala:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.sc
ala:225)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(Ne
ttyRpcEnv.scala:239)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$ad
apted(NettyRpcEnv.scala:238)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
```

```
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.Promise.success(Promise.scala:86)
        at scala.concurrent.Promise.success$(Promise.scala:86)
        at scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scal
a:187)
        at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpc
CallContext.scala:50)
        at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCall
Context.scala:32)
        at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAn
dReply$1.applyOrElse(RpcEndpointVerifier.scala:31)
        ... 8 more
25/10/21 18:04:40 ERROR Inbox: Ignoring error
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUt
ils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:
310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:10
2)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoin
t$lzycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEnd
point.scala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$1(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.
scala:725)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$rece
iveAndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:1
03)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty
$MessageLoop$$receiveLoop(MessageLoop.scala:75)
        at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.sc
ala:41)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(Threa
dPoolExecutor.java:1128)
```

```
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(Thre
adPoolExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find en
dpoint: spark://CoarseGrainedScheduler@mac.home:59840
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.sc
ala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:
33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:
33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingEx
ecutor.scala:67)
        at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingEx
ecutor.scala:82)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.jav
```

```
a:23)
        at scala.concurrent.BlockContext$.withBlockContext(BlockContext.scal
a:85)
        at scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scal
a:59)
        at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecut
e(Future.scala:875)
        at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:
110)
        at scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scal
a:107)
        at scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.
scala:873)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.trySuccess(Promise.scala:94)
        at scala.concurrent.Promise.trySuccess$(Promise.scala:94)
        at scala.concurrent.impl.Promise$DefaultPromise.trySuccess(Promise.s
cala:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.sc
ala:225)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(Ne
ttyRpcEnv.scala:239)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$ad
apted(NettyRpcEnv.scala:238)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.Promise.success(Promise.scala:86)
        at scala.concurrent.Promise.success$(Promise.scala:86)
        at scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scal
a:187)
        at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpc
CallContext.scala:50)
        at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCall
Context.scala:32)
```

```
        at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAn
dReply$1.applyOrElse(RpcEndpointVerifier.scala:31)
        ... 8 more
25/10/21 18:04:40 WARN Executor: Issue communicating with driver in heartbea
ter
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUt
ils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:
310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:
101)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:
85)
        at org.apache.spark.storage.BlockManagerMaster.registerBlockManager
(BlockManagerMaster.scala:80)
        at org.apache.spark.storage.BlockManager.reregister(BlockManager.sca
la:642)
        at org.apache.spark.executor.Executor.reportHeartBeat(Executor.scal
a:1223)
        at org.apache.spark.executor.Executor.$anonfun$heartbeater$1(Executo
r.scala:295)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.jav
a:23)
        at org.apache.spark.util.Utils$.logUncaughtExceptions(Utils.scala:19
28)
        at org.apache.spark.Heartbeater$$anon$1.run(Heartbeater.scala:46)
        at java.base/java.util.concurrent.Executors$RunnableAdapter.call(Exe
cutors.java:515)
        at java.base/java.util.concurrent.FutureTask.runAndReset(FutureTask.
java:305)
        at java.base/java.util.concurrent.ScheduledThreadPoolExecutor$Schedu
ledFutureTask.run(ScheduledThreadPoolExecutor.java:305)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(Threa
dPoolExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(Thre
adPoolExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUt
ils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:
310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:10
2)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoin
t$lzycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEnd
point.scala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
```

```
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$1(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.
scala:725)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$rece
iveAndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:1
03)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty
$MessageLoop$$receiveLoop(MessageLoop.scala:75)
        at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.sc
ala:41)
        ... 3 more
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find en
dpoint: spark://CoarseGrainedScheduler@mac.home:59840
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.sc
ala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:
33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
```

```
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:
33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingEx
ecutor.scala:67)
        at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingEx
ecutor.scala:82)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.jav
a:23)
        at scala.concurrent.BlockContext$.withBlockContext(BlockContext.scal
a:85)
        at scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scal
a:59)
        at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecut
e(Future.scala:875)
        at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:
110)
        at scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scal
a:107)
        at scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.
scala:873)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.trySuccess(Promise.scala:94)
        at scala.concurrent.Promise.trySuccess$(Promise.scala:94)
        at scala.concurrent.impl.Promise$DefaultPromise.trySuccess(Promise.s
cala:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.sc
ala:225)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(Ne
ttyRpcEnv.scala:239)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$ad
apted(NettyRpcEnv.scala:238)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
```

```
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.Promise.success(Promise.scala:86)
        at scala.concurrent.Promise.success$(Promise.scala:86)
        at scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scal
a:187)
        at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpc
CallContext.scala:50)
        at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCall
Context.scala:32)
        at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAn
dReply$1.applyOrElse(RpcEndpointVerifier.scala:31)
        ... 8 more
25/10/21 18:17:05 ERROR Inbox: Ignoring error
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUt
ils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:
310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:10
2)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoin
t$lzycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEnd
point.scala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$1(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.
scala:725)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$rece
iveAndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:1
03)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty
$MessageLoop$$receiveLoop(MessageLoop.scala:75)
        at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.sc
ala:41)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(Threa
dPoolExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(Thre
adPoolExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find en
dpoint: spark://CoarseGrainedScheduler@mac.home:59840
```

```
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.sc
ala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.dispatchOrAddCallbac
k(Promise.scala:316)
        at scala.concurrent.impl.Promise$DefaultPromise.onComplete(Promise.s
cala:307)
        at scala.concurrent.impl.Promise.transformWith(Promise.scala:40)
        at scala.concurrent.impl.Promise.transformWith$(Promise.scala:38)
        at scala.concurrent.impl.Promise$DefaultPromise.transformWith(Promis
e.scala:187)
        at scala.concurrent.Future.flatMap(Future.scala:306)
        at scala.concurrent.Future.flatMap$(Future.scala:306)
        at scala.concurrent.impl.Promise$DefaultPromise.flatMap(Promise.scal
a:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.asyncSetupEndpointRefByURI
(NettyRpcEnv.scala:150)
        ... 17 more
25/10/21 18:17:05 WARN Executor: Issue communicating with driver in heartbea
ter
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUt
ils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:
310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:
101)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:
85)
        at org.apache.spark.storage.BlockManagerMaster.registerBlockManager
(BlockManagerMaster.scala:80)
        at org.apache.spark.storage.BlockManager.reregister(BlockManager.sca
la:642)
        at org.apache.spark.executor.Executor.reportHeartBeat(Executor.scal
a:1223)
        at org.apache.spark.executor.Executor.$anonfun$heartbeater$1(Executo
r.scala:295)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.jav
a:23)
        at org.apache.spark.util.Utils$.logUncaughtExceptions(Utils.scala:19
28)
        at org.apache.spark.Heartbeater$$anon$1.run(Heartbeater.scala:46)
        at java.base/java.util.concurrent.Executors$RunnableAdapter.call(Exe
cutors.java:515)
```

```
        at java.base/java.util.concurrent.FutureTask.runAndReset(FutureTask.
java:305)
        at java.base/java.util.concurrent.ScheduledThreadPoolExecutor$Schedu
ledFutureTask.run(ScheduledThreadPoolExecutor.java:305)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(Threa
dPoolExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(Thre
adPoolExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUt
ils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:
310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:10
2)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoin
t$lzycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEnd
point.scala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$1(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.
scala:725)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$rece
iveAndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:1
03)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty
$MessageLoop$$receiveLoop(MessageLoop.scala:75)
        at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.sc
ala:41)
        ... 3 more
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find en
dpoint: spark://CoarseGrainedScheduler@mac.home:59840
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.sc
ala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
```

```
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.dispatchOrAddCallbac
k(Promise.scala:316)
        at scala.concurrent.impl.Promise$DefaultPromise.onComplete(Promise.s
cala:307)
        at scala.concurrent.impl.Promise.transformWith(Promise.scala:40)
        at scala.concurrent.impl.Promise.transformWith$(Promise.scala:38)
        at scala.concurrent.impl.Promise$DefaultPromise.transformWith(Promis
e.scala:187)
        at scala.concurrent.Future.flatMap(Future.scala:306)
        at scala.concurrent.Future.flatMap$(Future.scala:306)
        at scala.concurrent.impl.Promise$DefaultPromise.flatMap(Promise.scal
a:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.asyncSetupEndpointRefByURI
(NettyRpcEnv.scala:150)
        ... 17 more
25/10/21 18:48:44 ERROR Inbox: Ignoring error
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUt
ils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:
310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:10
2)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoin
t$lzycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEnd
point.scala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$1(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.
scala:725)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$rece
iveAndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:1
03)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty
$MessageLoop$$receiveLoop(MessageLoop.scala:75)
        at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.sc
ala:41)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(Threa
dPoolExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(Thre
adPoolExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find en
```

```
dpoint: spark://CoarseGrainedScheduler@mac.home:59840
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.sc
ala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.dispatchOrAddCallbac
k(Promise.scala:316)
        at scala.concurrent.impl.Promise$DefaultPromise.onComplete(Promise.s
cala:307)
        at scala.concurrent.impl.Promise.transformWith(Promise.scala:40)
        at scala.concurrent.impl.Promise.transformWith$(Promise.scala:38)
        at scala.concurrent.impl.Promise$DefaultPromise.transformWith(Promis
e.scala:187)
        at scala.concurrent.Future.flatMap(Future.scala:306)
        at scala.concurrent.Future.flatMap$(Future.scala:306)
        at scala.concurrent.impl.Promise$DefaultPromise.flatMap(Promise.scal
a:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.asyncSetupEndpointRefByURI
(NettyRpcEnv.scala:150)
        ... 17 more
25/10/21 18:48:44 WARN Executor: Issue communicating with driver in heartbea
ter
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUt
ils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:
310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:
101)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:
85)
        at org.apache.spark.storage.BlockManagerMaster.registerBlockManager
(BlockManagerMaster.scala:80)
        at org.apache.spark.storage.BlockManager.reregister(BlockManager.sca
la:642)
        at org.apache.spark.executor.Executor.reportHeartBeat(Executor.scal
a:1223)
        at org.apache.spark.executor.Executor.$anonfun$heartbeater$1(Executo
r.scala:295)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.jav
a:23)
        at org.apache.spark.util.Utils$.logUncaughtExceptions(Utils.scala:19
28)
        at org.apache.spark.Heartbeater$$anon$1.run(Heartbeater.scala:46)
        at java.base/java.util.concurrent.Executors$RunnableAdapter.call(Exe
```

```
cutors.java:515)
        at java.base/java.util.concurrent.FutureTask.runAndReset(FutureTask.
java:305)
        at java.base/java.util.concurrent.ScheduledThreadPoolExecutor$Schedu
ledFutureTask.run(ScheduledThreadPoolExecutor.java:305)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(Threa
dPoolExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(Thre
adPoolExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUt
ils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:
310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:10
2)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoin
t$lzycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEnd
point.scala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$1(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.
scala:725)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$rece
iveAndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:1
03)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty
$MessageLoop$$receiveLoop(MessageLoop.scala:75)
        at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.sc
ala:41)
        ... 3 more
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find en
dpoint: spark://CoarseGrainedScheduler@mac.home:59840
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.sc
ala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
```

```
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.dispatchOrAddCallbac
k(Promise.scala:316)
        at scala.concurrent.impl.Promise$DefaultPromise.onComplete(Promise.s
cala:307)
        at scala.concurrent.impl.Promise.transformWith(Promise.scala:40)
        at scala.concurrent.impl.Promise.transformWith$(Promise.scala:38)
        at scala.concurrent.impl.Promise$DefaultPromise.transformWith(Promis
e.scala:187)
        at scala.concurrent.Future.flatMap(Future.scala:306)
        at scala.concurrent.Future.flatMap$(Future.scala:306)
        at scala.concurrent.impl.Promise$DefaultPromise.flatMap(Promise.scal
a:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.asyncSetupEndpointRefByURI
(NettyRpcEnv.scala:150)
        ... 17 more
25/10/21 19:06:49 ERROR Inbox: Ignoring error
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUt
ils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:
310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:10
2)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoin
t$lzycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEnd
point.scala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$1(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.
scala:725)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$rece
iveAndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:1
03)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty
$MessageLoop$$receiveLoop(MessageLoop.scala:75)
        at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.sc
ala:41)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(Threa
dPoolExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(Thre
adPoolExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
```

```
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find en
dpoint: spark://CoarseGrainedScheduler@mac.home:59840
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.sc
ala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:
33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:
33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingEx
ecutor.scala:67)
        at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingEx
ecutor.scala:82)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.jav
a:23)
        at scala.concurrent.BlockContext$.withBlockContext(BlockContext.scal
a:85)
```

```
        at scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scal
a:59)
        at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecut
e(Future.scala:875)
        at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:
110)
        at scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scal
a:107)
        at scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.
scala:873)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.trySuccess(Promise.scala:94)
        at scala.concurrent.Promise.trySuccess$(Promise.scala:94)
        at scala.concurrent.impl.Promise$DefaultPromise.trySuccess(Promise.s
cala:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.sc
ala:225)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(Ne
ttyRpcEnv.scala:239)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$ad
apted(NettyRpcEnv.scala:238)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.Promise.success(Promise.scala:86)
        at scala.concurrent.Promise.success$(Promise.scala:86)
        at scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scal
a:187)
        at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpc
CallContext.scala:50)
        at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCall
Context.scala:32)
        at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAn
dReply$1.applyOrElse(RpcEndpointVerifier.scala:31)
        ... 8 more
```

```
25/10/21 19:06:49 WARN Executor: Issue communicating with driver in heartbea
ter
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUt
ils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:
310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:
101)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:
85)
        at org.apache.spark.storage.BlockManagerMaster.registerBlockManager
(BlockManagerMaster.scala:80)
        at org.apache.spark.storage.BlockManager.reregister(BlockManager.sca
la:642)
        at org.apache.spark.executor.Executor.reportHeartBeat(Executor.scal
a:1223)
        at org.apache.spark.executor.Executor.$anonfun$heartbeater$1(Executo
r.scala:295)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.jav
a:23)
        at org.apache.spark.util.Utils$.logUncaughtExceptions(Utils.scala:19
28)
        at org.apache.spark.Heartbeater$$anon$1.run(Heartbeater.scala:46)
        at java.base/java.util.concurrent.Executors$RunnableAdapter.call(Exe
cutors.java:515)
        at java.base/java.util.concurrent.FutureTask.runAndReset(FutureTask.
java:305)
        at java.base/java.util.concurrent.ScheduledThreadPoolExecutor$Schedu
ledFutureTask.run(ScheduledThreadPoolExecutor.java:305)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(Threa
dPoolExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(Thre
adPoolExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUt
ils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:
310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:10
2)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoin
t$lzycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEnd
point.scala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$1(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
```

```
ark$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.
scala:725)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$rece
iveAndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:1
03)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty
$MessageLoop$$receiveLoop(MessageLoop.scala:75)
        at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.sc
ala:41)
        ... 3 more
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find en
dpoint: spark://CoarseGrainedScheduler@mac.home:59840
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.sc
ala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:
33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
```

```
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:
33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingEx
ecutor.scala:67)
        at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingEx
ecutor.scala:82)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.jav
a:23)
        at scala.concurrent.BlockContext$.withBlockContext(BlockContext.scal
a:85)
        at scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scal
a:59)
        at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecut
e(Future.scala:875)
        at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:
110)
        at scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scal
a:107)
        at scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.
scala:873)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.trySuccess(Promise.scala:94)
        at scala.concurrent.Promise.trySuccess$(Promise.scala:94)
        at scala.concurrent.impl.Promise$DefaultPromise.trySuccess(Promise.s
cala:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.sc
ala:225)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(Ne
ttyRpcEnv.scala:239)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$ad
apted(NettyRpcEnv.scala:238)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
```

```
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.Promise.success(Promise.scala:86)
        at scala.concurrent.Promise.success$(Promise.scala:86)
        at scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scal
a:187)
        at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpc
CallContext.scala:50)
        at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCall
Context.scala:32)
        at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAn
dReply$1.applyOrElse(RpcEndpointVerifier.scala:31)
        ... 8 more
25/10/21 19:11:57 ERROR Inbox: Ignoring error
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUt
ils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:
310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:10
2)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoin
t$lzycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEnd
point.scala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$1(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.
scala:725)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$rece
iveAndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:1
03)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty
$MessageLoop$$receiveLoop(MessageLoop.scala:75)
        at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.sc
ala:41)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(Threa
dPoolExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(Thre
adPoolExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find en
dpoint: spark://CoarseGrainedScheduler@mac.home:59840
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
```

```
tRefByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.sc
ala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:
33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:
33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingEx
ecutor.scala:67)
        at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingEx
ecutor.scala:82)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.jav
a:23)
        at scala.concurrent.BlockContext$.withBlockContext(BlockContext.scal
a:85)
        at scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scal
a:59)
        at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecut
e(Future.scala:875)
        at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:
```

```
110)
        at scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scal
a:107)
        at scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.
scala:873)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.trySuccess(Promise.scala:94)
        at scala.concurrent.Promise.trySuccess$(Promise.scala:94)
        at scala.concurrent.impl.Promise$DefaultPromise.trySuccess(Promise.s
cala:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.sc
ala:225)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(Ne
ttyRpcEnv.scala:239)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$ad
apted(NettyRpcEnv.scala:238)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.Promise.success(Promise.scala:86)
        at scala.concurrent.Promise.success$(Promise.scala:86)
        at scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scal
a:187)
        at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpc
CallContext.scala:50)
        at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCall
Context.scala:32)
        at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAn
dReply$1.applyOrElse(RpcEndpointVerifier.scala:31)
        ... 8 more
25/10/21 19:11:57 WARN Executor: Issue communicating with driver in heartbea
ter
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUt
ils.scala:56)
```

```
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:
310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:
101)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:
85)
        at org.apache.spark.storage.BlockManagerMaster.registerBlockManager
(BlockManagerMaster.scala:80)
        at org.apache.spark.storage.BlockManager.reregister(BlockManager.sca
la:642)
        at org.apache.spark.executor.Executor.reportHeartBeat(Executor.scal
a:1223)
        at org.apache.spark.executor.Executor.$anonfun$heartbeater$1(Executo
r.scala:295)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.jav
a:23)
        at org.apache.spark.util.Utils$.logUncaughtExceptions(Utils.scala:19
28)
        at org.apache.spark.Heartbeater$$anon$1.run(Heartbeater.scala:46)
        at java.base/java.util.concurrent.Executors$RunnableAdapter.call(Exe
cutors.java:515)
        at java.base/java.util.concurrent.FutureTask.runAndReset(FutureTask.
java:305)
        at java.base/java.util.concurrent.ScheduledThreadPoolExecutor$Schedu
ledFutureTask.run(ScheduledThreadPoolExecutor.java:305)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(Threa
dPoolExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(Thre
adPoolExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUt
ils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:
310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:10
2)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoin
t$lzycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEnd
point.scala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$1(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.
scala:725)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$rece
iveAndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:1
```

```
03)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty
$MessageLoop$$receiveLoop(MessageLoop.scala:75)
        at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.sc
ala:41)
        ... 3 more
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find en
dpoint: spark://CoarseGrainedScheduler@mac.home:59840
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.sc
ala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:
33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:
33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
```

```
        at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingEx
ecutor.scala:67)
        at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingEx
ecutor.scala:82)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.jav
a:23)
        at scala.concurrent.BlockContext$.withBlockContext(BlockContext.scal
a:85)
        at scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scal
a:59)
        at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecut
e(Future.scala:875)
        at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:
110)
        at scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scal
a:107)
        at scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.
scala:873)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.trySuccess(Promise.scala:94)
        at scala.concurrent.Promise.trySuccess$(Promise.scala:94)
        at scala.concurrent.impl.Promise$DefaultPromise.trySuccess(Promise.s
cala:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.sc
ala:225)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(Ne
ttyRpcEnv.scala:239)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$ad
apted(NettyRpcEnv.scala:238)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.Promise.success(Promise.scala:86)
        at scala.concurrent.Promise.success$(Promise.scala:86)
        at scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scal
```

```
a:187)
        at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpc
CallContext.scala:50)
        at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCall
Context.scala:32)
        at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAn
dReply$1.applyOrElse(RpcEndpointVerifier.scala:31)
        ... 8 more
25/10/21 19:47:30 ERROR Inbox: Ignoring error
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUt
ils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:
310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:10
2)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoin
t$lzycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEnd
point.scala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$1(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.
scala:725)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$rece
iveAndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:1
03)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty
$MessageLoop$$receiveLoop(MessageLoop.scala:75)
        at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.sc
ala:41)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(Threa
dPoolExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(Thre
adPoolExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find en
dpoint: spark://CoarseGrainedScheduler@mac.home:59840
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.sc
ala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
```

```
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:
33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:
33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingEx
ecutor.scala:67)
        at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingEx
ecutor.scala:82)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.jav
a:23)
        at scala.concurrent.BlockContext$.withBlockContext(BlockContext.scal
a:85)
        at scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scal
a:59)
        at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecut
e(Future.scala:875)
        at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:
110)
        at scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scal
a:107)
        at scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.
scala:873)
```

```
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.trySuccess(Promise.scala:94)
        at scala.concurrent.Promise.trySuccess$(Promise.scala:94)
        at scala.concurrent.impl.Promise$DefaultPromise.trySuccess(Promise.s
cala:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.sc
ala:225)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(Ne
ttyRpcEnv.scala:239)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$ad
apted(NettyRpcEnv.scala:238)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.Promise.success(Promise.scala:86)
        at scala.concurrent.Promise.success$(Promise.scala:86)
        at scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scal
a:187)
        at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpc
CallContext.scala:50)
        at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCall
Context.scala:32)
        at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAn
dReply$1.applyOrElse(RpcEndpointVerifier.scala:31)
        ... 8 more
25/10/21 19:47:30 WARN Executor: Issue communicating with driver in heartbea
ter
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUt
ils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:
310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:
101)
```

```
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:
85)
        at org.apache.spark.storage.BlockManagerMaster.registerBlockManager
(BlockManagerMaster.scala:80)
        at org.apache.spark.storage.BlockManager.reregister(BlockManager.sca
la:642)
        at org.apache.spark.executor.Executor.reportHeartBeat(Executor.scal
a:1223)
        at org.apache.spark.executor.Executor.$anonfun$heartbeater$1(Executo
r.scala:295)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.jav
a:23)
        at org.apache.spark.util.Utils$.logUncaughtExceptions(Utils.scala:19
28)
        at org.apache.spark.Heartbeater$$anon$1.run(Heartbeater.scala:46)
        at java.base/java.util.concurrent.Executors$RunnableAdapter.call(Exe
cutors.java:515)
        at java.base/java.util.concurrent.FutureTask.runAndReset(FutureTask.
java:305)
        at java.base/java.util.concurrent.ScheduledThreadPoolExecutor$Schedu
ledFutureTask.run(ScheduledThreadPoolExecutor.java:305)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(Threa
dPoolExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(Thre
adPoolExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUt
ils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:
310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:10
2)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoin
t$lzycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEnd
point.scala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$1(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.
scala:725)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$rece
iveAndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:1
03)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty
$MessageLoop$$receiveLoop(MessageLoop.scala:75)
```

```
        at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.sc
ala:41)
        ... 3 more
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find en
dpoint: spark://CoarseGrainedScheduler@mac.home:59840
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.sc
ala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:
33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:
33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingEx
ecutor.scala:67)
        at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingEx
ecutor.scala:82)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.jav
```

```
a:23)
        at scala.concurrent.BlockContext$.withBlockContext(BlockContext.scal
a:85)
        at scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scal
a:59)
        at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecut
e(Future.scala:875)
        at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:
110)
        at scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scal
a:107)
        at scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.
scala:873)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.trySuccess(Promise.scala:94)
        at scala.concurrent.Promise.trySuccess$(Promise.scala:94)
        at scala.concurrent.impl.Promise$DefaultPromise.trySuccess(Promise.s
cala:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.sc
ala:225)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(Ne
ttyRpcEnv.scala:239)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$ad
apted(NettyRpcEnv.scala:238)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.Promise.success(Promise.scala:86)
        at scala.concurrent.Promise.success$(Promise.scala:86)
        at scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scal
a:187)
        at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpc
CallContext.scala:50)
        at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCall
Context.scala:32)
```

```
        at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAn
dReply$1.applyOrElse(RpcEndpointVerifier.scala:31)
        ... 8 more
25/10/21 19:47:39 WARN Executor: Issue communicating with driver in heartbea
ter
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUt
ils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:
310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:
101)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:
85)
        at org.apache.spark.storage.BlockManagerMaster.registerBlockManager
(BlockManagerMaster.scala:80)
        at org.apache.spark.storage.BlockManager.reregister(BlockManager.sca
la:642)
        at org.apache.spark.executor.Executor.reportHeartBeat(Executor.scal
a:1223)
        at org.apache.spark.executor.Executor.$anonfun$heartbeater$1(Executo
r.scala:295)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.jav
a:23)
        at org.apache.spark.util.Utils$.logUncaughtExceptions(Utils.scala:19
28)
        at org.apache.spark.Heartbeater$$anon$1.run(Heartbeater.scala:46)
        at java.base/java.util.concurrent.Executors$RunnableAdapter.call(Exe
cutors.java:515)
        at java.base/java.util.concurrent.FutureTask.runAndReset(FutureTask.
java:305)
        at java.base/java.util.concurrent.ScheduledThreadPoolExecutor$Schedu
ledFutureTask.run(ScheduledThreadPoolExecutor.java:305)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(Threa
dPoolExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(Thre
adPoolExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUt
ils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:
310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:10
2)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoin
t$lzycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEnd
point.scala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
```

```
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$1(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.
scala:725)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$rece
iveAndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:1
03)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty
$MessageLoop$$receiveLoop(MessageLoop.scala:75)
        at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.sc
ala:41)
        ... 3 more
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find en
dpoint: spark://CoarseGrainedScheduler@mac.home:59840
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.sc
ala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:
33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
```

```
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:
33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingEx
ecutor.scala:67)
        at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingEx
ecutor.scala:82)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.jav
a:23)
        at scala.concurrent.BlockContext$.withBlockContext(BlockContext.scal
a:85)
        at scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scal
a:59)
        at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecut
e(Future.scala:875)
        at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:
110)
        at scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scal
a:107)
        at scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.
scala:873)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.trySuccess(Promise.scala:94)
        at scala.concurrent.Promise.trySuccess$(Promise.scala:94)
        at scala.concurrent.impl.Promise$DefaultPromise.trySuccess(Promise.s
cala:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.sc
ala:225)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(Ne
ttyRpcEnv.scala:239)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$ad
apted(NettyRpcEnv.scala:238)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
```

```
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.Promise.success(Promise.scala:86)
        at scala.concurrent.Promise.success$(Promise.scala:86)
        at scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scal
a:187)
        at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpc
CallContext.scala:50)
        at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCall
Context.scala:32)
        at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAn
dReply$1.applyOrElse(RpcEndpointVerifier.scala:31)
        ... 8 more
25/10/21 19:47:39 ERROR Inbox: Ignoring error
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUt
ils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:
310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:10
2)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoin
t$lzycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEnd
point.scala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$1(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.
scala:725)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$rece
iveAndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:1
03)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty
$MessageLoop$$receiveLoop(MessageLoop.scala:75)
        at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.sc
ala:41)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(Threa
dPoolExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(Thre
adPoolExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find en
dpoint: spark://CoarseGrainedScheduler@mac.home:59840
```

```
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.sc
ala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:
33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:
33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingEx
ecutor.scala:67)
        at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingEx
ecutor.scala:82)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.jav
a:23)
        at scala.concurrent.BlockContext$.withBlockContext(BlockContext.scal
a:85)
        at scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scal
a:59)
```

```
        at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecut
e(Future.scala:875)
        at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:
110)
        at scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scal
a:107)
        at scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.
scala:873)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.trySuccess(Promise.scala:94)
        at scala.concurrent.Promise.trySuccess$(Promise.scala:94)
        at scala.concurrent.impl.Promise$DefaultPromise.trySuccess(Promise.s
cala:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.sc
ala:225)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(Ne
ttyRpcEnv.scala:239)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$ad
apted(NettyRpcEnv.scala:238)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.Promise.success(Promise.scala:86)
        at scala.concurrent.Promise.success$(Promise.scala:86)
        at scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scal
a:187)
        at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpc
CallContext.scala:50)
        at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCall
Context.scala:32)
        at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAn
dReply$1.applyOrElse(RpcEndpointVerifier.scala:31)
        ... 8 more
25/10/21 19:47:49 ERROR Inbox: Ignoring error
org.apache.spark.SparkException: Exception thrown in awaitResult:
```

```
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUt
ils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:
310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:10
2)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoin
t$lzycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEnd
point.scala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$1(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.
scala:725)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$rece
iveAndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:1
03)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty
$MessageLoop$$receiveLoop(MessageLoop.scala:75)
        at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.sc
ala:41)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(Threa
dPoolExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(Thre
adPoolExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find en
dpoint: spark://CoarseGrainedScheduler@mac.home:59840
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.sc
ala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
```

```
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:
33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:
33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingEx
ecutor.scala:67)
        at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingEx
ecutor.scala:82)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.jav
a:23)
        at scala.concurrent.BlockContext$.withBlockContext(BlockContext.scal
a:85)
        at scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scal
a:59)
        at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecut
e(Future.scala:875)
        at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:
110)
        at scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scal
a:107)
        at scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.
scala:873)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.trySuccess(Promise.scala:94)
        at scala.concurrent.Promise.trySuccess$(Promise.scala:94)
```

```
        at scala.concurrent.impl.Promise$DefaultPromise.trySuccess(Promise.s
cala:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.sc
ala:225)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(Ne
ttyRpcEnv.scala:239)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$ad
apted(NettyRpcEnv.scala:238)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.Promise.success(Promise.scala:86)
        at scala.concurrent.Promise.success$(Promise.scala:86)
        at scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scal
a:187)
        at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpc
CallContext.scala:50)
        at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCall
Context.scala:32)
        at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAn
dReply$1.applyOrElse(RpcEndpointVerifier.scala:31)
        ... 8 more
25/10/21 19:47:49 WARN Executor: Issue communicating with driver in heartbea
ter
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUt
ils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:
310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:
101)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:
85)
        at org.apache.spark.storage.BlockManagerMaster.registerBlockManager
(BlockManagerMaster.scala:80)
        at org.apache.spark.storage.BlockManager.reregister(BlockManager.sca
la:642)
        at org.apache.spark.executor.Executor.reportHeartBeat(Executor.scal
a:1223)
        at org.apache.spark.executor.Executor.$anonfun$heartbeater$1(Executo
r.scala:295)
```

```
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.jav
a:23)
        at org.apache.spark.util.Utils$.logUncaughtExceptions(Utils.scala:19
28)
        at org.apache.spark.Heartbeater$$anon$1.run(Heartbeater.scala:46)
        at java.base/java.util.concurrent.Executors$RunnableAdapter.call(Exe
cutors.java:515)
        at java.base/java.util.concurrent.FutureTask.runAndReset(FutureTask.
java:305)
        at java.base/java.util.concurrent.ScheduledThreadPoolExecutor$Schedu
ledFutureTask.run(ScheduledThreadPoolExecutor.java:305)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(Threa
dPoolExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(Thre
adPoolExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUt
ils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:
310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:10
2)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoin
t$lzycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEnd
point.scala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$1(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.
scala:725)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$rece
iveAndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:1
03)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty
$MessageLoop$$receiveLoop(MessageLoop.scala:75)
        at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.sc
ala:41)
        ... 3 more
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find en
dpoint: spark://CoarseGrainedScheduler@mac.home:59840
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
```

```
        at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.sc
ala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:
33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:
33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingEx
ecutor.scala:67)
        at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingEx
ecutor.scala:82)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.jav
a:23)
        at scala.concurrent.BlockContext$.withBlockContext(BlockContext.scal
a:85)
        at scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scal
a:59)
        at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecut
e(Future.scala:875)
        at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:
110)
        at scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scal
```

```
a:107)
        at scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.
scala:873)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.trySuccess(Promise.scala:94)
        at scala.concurrent.Promise.trySuccess$(Promise.scala:94)
        at scala.concurrent.impl.Promise$DefaultPromise.trySuccess(Promise.s
cala:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.sc
ala:225)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(Ne
ttyRpcEnv.scala:239)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$ad
apted(NettyRpcEnv.scala:238)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.Promise.success(Promise.scala:86)
        at scala.concurrent.Promise.success$(Promise.scala:86)
        at scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scal
a:187)
        at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpc
CallContext.scala:50)
        at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCall
Context.scala:32)
        at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAn
dReply$1.applyOrElse(RpcEndpointVerifier.scala:31)
        ... 8 more
25/10/21 19:49:47 WARN Executor: Issue communicating with driver in heartbea
ter
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUt
ils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:
310)
```

```
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:
101)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:
85)
        at org.apache.spark.storage.BlockManagerMaster.registerBlockManager
(BlockManagerMaster.scala:80)
        at org.apache.spark.storage.BlockManager.reregister(BlockManager.sca
la:642)
        at org.apache.spark.executor.Executor.reportHeartBeat(Executor.scal
a:1223)
        at org.apache.spark.executor.Executor.$anonfun$heartbeater$1(Executo
r.scala:295)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.jav
a:23)
        at org.apache.spark.util.Utils$.logUncaughtExceptions(Utils.scala:19
28)
        at org.apache.spark.Heartbeater$$anon$1.run(Heartbeater.scala:46)
        at java.base/java.util.concurrent.Executors$RunnableAdapter.call(Exe
cutors.java:515)
        at java.base/java.util.concurrent.FutureTask.runAndReset(FutureTask.
java:305)
        at java.base/java.util.concurrent.ScheduledThreadPoolExecutor$Schedu
ledFutureTask.run(ScheduledThreadPoolExecutor.java:305)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(Threa
dPoolExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(Thre
adPoolExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUt
ils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:
310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:10
2)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoin
t$lzycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEnd
point.scala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$1(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.
scala:725)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$rece
iveAndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:1
03)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
```

```
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty
$MessageLoop$$receiveLoop(MessageLoop.scala:75)
        at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.sc
ala:41)
        ... 3 more
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find en
dpoint: spark://CoarseGrainedScheduler@mac.home:59840
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.sc
ala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:
33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:
33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingEx
ecutor.scala:67)
```

```
        at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingEx
ecutor.scala:82)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.jav
a:23)
        at scala.concurrent.BlockContext$.withBlockContext(BlockContext.scal
a:85)
        at scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scal
a:59)
        at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecut
e(Future.scala:875)
        at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:
110)
        at scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scal
a:107)
        at scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.
scala:873)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.trySuccess(Promise.scala:94)
        at scala.concurrent.Promise.trySuccess$(Promise.scala:94)
        at scala.concurrent.impl.Promise$DefaultPromise.trySuccess(Promise.s
cala:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.sc
ala:225)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(Ne
ttyRpcEnv.scala:239)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$ad
apted(NettyRpcEnv.scala:238)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.Promise.success(Promise.scala:86)
        at scala.concurrent.Promise.success$(Promise.scala:86)
        at scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scal
a:187)
        at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpc
```

```
CallContext.scala:50)
        at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCall
Context.scala:32)
        at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAn
dReply$1.applyOrElse(RpcEndpointVerifier.scala:31)
        ... 8 more
25/10/21 19:49:47 ERROR Inbox: Ignoring error
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUt
ils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:
310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:10
2)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoin
t$lzycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEnd
point.scala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$1(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.
scala:725)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$rece
iveAndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:1
03)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty
$MessageLoop$$receiveLoop(MessageLoop.scala:75)
        at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.sc
ala:41)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(Threa
dPoolExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(Thre
adPoolExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find en
dpoint: spark://CoarseGrainedScheduler@mac.home:59840
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.sc
ala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
```

```
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:
33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:
33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingEx
ecutor.scala:67)
        at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingEx
ecutor.scala:82)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.jav
a:23)
        at scala.concurrent.BlockContext$.withBlockContext(BlockContext.scal
a:85)
        at scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scal
a:59)
        at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecut
e(Future.scala:875)
        at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:
110)
        at scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scal
a:107)
        at scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.
scala:873)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
```

```
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.trySuccess(Promise.scala:94)
        at scala.concurrent.Promise.trySuccess$(Promise.scala:94)
        at scala.concurrent.impl.Promise$DefaultPromise.trySuccess(Promise.s
cala:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.sc
ala:225)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(Ne
ttyRpcEnv.scala:239)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$ad
apted(NettyRpcEnv.scala:238)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.Promise.success(Promise.scala:86)
        at scala.concurrent.Promise.success$(Promise.scala:86)
        at scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scal
a:187)
        at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpc
CallContext.scala:50)
        at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCall
Context.scala:32)
        at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAn
dReply$1.applyOrElse(RpcEndpointVerifier.scala:31)
        ... 8 more
25/10/21 20:07:57 ERROR Inbox: Ignoring error
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUt
ils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:
310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:10
2)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoin
```

```
t$lzycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEnd
point.scala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$1(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.
scala:725)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$rece
iveAndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:1
03)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty
$MessageLoop$$receiveLoop(MessageLoop.scala:75)
        at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.sc
ala:41)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(Threa
dPoolExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(Thre
adPoolExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find en
dpoint: spark://CoarseGrainedScheduler@mac.home:59840
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.sc
ala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:
33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
```

```
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:
33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingEx
ecutor.scala:67)
        at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingEx
ecutor.scala:82)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.jav
a:23)
        at scala.concurrent.BlockContext$.withBlockContext(BlockContext.scal
a:85)
        at scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scal
a:59)
        at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecut
e(Future.scala:875)
        at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:
110)
        at scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scal
a:107)
        at scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.
scala:873)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.trySuccess(Promise.scala:94)
        at scala.concurrent.Promise.trySuccess$(Promise.scala:94)
        at scala.concurrent.impl.Promise$DefaultPromise.trySuccess(Promise.s
cala:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.sc
ala:225)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(Ne
ttyRpcEnv.scala:239)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$ad
apted(NettyRpcEnv.scala:238)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
```

```
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.Promise.success(Promise.scala:86)
        at scala.concurrent.Promise.success$(Promise.scala:86)
        at scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scal
a:187)
        at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpc
CallContext.scala:50)
        at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCall
Context.scala:32)
        at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAn
dReply$1.applyOrElse(RpcEndpointVerifier.scala:31)
        ... 8 more
25/10/21 20:07:57 WARN Executor: Issue communicating with driver in heartbea
ter
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUt
ils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:
310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:
101)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:
85)
        at org.apache.spark.storage.BlockManagerMaster.registerBlockManager
(BlockManagerMaster.scala:80)
        at org.apache.spark.storage.BlockManager.reregister(BlockManager.sca
la:642)
        at org.apache.spark.executor.Executor.reportHeartBeat(Executor.scal
a:1223)
        at org.apache.spark.executor.Executor.$anonfun$heartbeater$1(Executo
r.scala:295)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.jav
a:23)
        at org.apache.spark.util.Utils$.logUncaughtExceptions(Utils.scala:19
28)
        at org.apache.spark.Heartbeater$$anon$1.run(Heartbeater.scala:46)
        at java.base/java.util.concurrent.Executors$RunnableAdapter.call(Exe
cutors.java:515)
        at java.base/java.util.concurrent.FutureTask.runAndReset(FutureTask.
java:305)
        at java.base/java.util.concurrent.ScheduledThreadPoolExecutor$Schedu
```

```
ledFutureTask.run(ScheduledThreadPoolExecutor.java:305)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(Threa
dPoolExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(Thre
adPoolExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUt
ils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:
310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:10
2)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoin
t$lzycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEnd
point.scala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$1(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.
scala:725)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$rece
iveAndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:1
03)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty
$MessageLoop$$receiveLoop(MessageLoop.scala:75)
        at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.sc
ala:41)
        ... 3 more
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find en
dpoint: spark://CoarseGrainedScheduler@mac.home:59840
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.sc
ala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
```

```
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:
33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:
33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingEx
ecutor.scala:67)
        at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingEx
ecutor.scala:82)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.jav
a:23)
        at scala.concurrent.BlockContext$.withBlockContext(BlockContext.scal
a:85)
        at scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scal
a:59)
        at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecut
e(Future.scala:875)
        at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:
110)
        at scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scal
a:107)
        at scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.
scala:873)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
```

```
scala:288)
        at scala.concurrent.Promise.trySuccess(Promise.scala:94)
        at scala.concurrent.Promise.trySuccess$(Promise.scala:94)
        at scala.concurrent.impl.Promise$DefaultPromise.trySuccess(Promise.s
cala:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.sc
ala:225)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(Ne
ttyRpcEnv.scala:239)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$ad
apted(NettyRpcEnv.scala:238)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.Promise.success(Promise.scala:86)
        at scala.concurrent.Promise.success$(Promise.scala:86)
        at scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scal
a:187)
        at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpc
CallContext.scala:50)
        at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCall
Context.scala:32)
        at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAn
dReply$1.applyOrElse(RpcEndpointVerifier.scala:31)
        ... 8 more
25/10/21 20:08:07 ERROR Inbox: Ignoring error
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUt
ils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:
310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:10
2)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoin
t$lzycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEnd
point.scala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
```

```
ve$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$1(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.
scala:725)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$rece
iveAndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:1
03)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty
$MessageLoop$$receiveLoop(MessageLoop.scala:75)
        at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.sc
ala:41)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(Threa
dPoolExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(Thre
adPoolExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find en
dpoint: spark://CoarseGrainedScheduler@mac.home:59840
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.sc
ala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:
33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
```

```
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:
33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingEx
ecutor.scala:67)
        at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingEx
ecutor.scala:82)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.jav
a:23)
        at scala.concurrent.BlockContext$.withBlockContext(BlockContext.scal
a:85)
        at scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scal
a:59)
        at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecut
e(Future.scala:875)
        at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:
110)
        at scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scal
a:107)
        at scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.
scala:873)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.trySuccess(Promise.scala:94)
        at scala.concurrent.Promise.trySuccess$(Promise.scala:94)
        at scala.concurrent.impl.Promise$DefaultPromise.trySuccess(Promise.s
cala:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.sc
ala:225)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(Ne
ttyRpcEnv.scala:239)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$ad
apted(NettyRpcEnv.scala:238)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
```

```
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.Promise.success(Promise.scala:86)
        at scala.concurrent.Promise.success$(Promise.scala:86)
        at scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scal
a:187)
        at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpc
CallContext.scala:50)
        at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCall
Context.scala:32)
        at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAn
dReply$1.applyOrElse(RpcEndpointVerifier.scala:31)
        ... 8 more
25/10/21 20:08:07 WARN Executor: Issue communicating with driver in heartbea
ter
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUt
ils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:
310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:
101)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:
85)
        at org.apache.spark.storage.BlockManagerMaster.registerBlockManager
(BlockManagerMaster.scala:80)
        at org.apache.spark.storage.BlockManager.reregister(BlockManager.sca
la:642)
        at org.apache.spark.executor.Executor.reportHeartBeat(Executor.scal
a:1223)
        at org.apache.spark.executor.Executor.$anonfun$heartbeater$1(Executo
r.scala:295)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.jav
a:23)
        at org.apache.spark.util.Utils$.logUncaughtExceptions(Utils.scala:19
28)
        at org.apache.spark.Heartbeater$$anon$1.run(Heartbeater.scala:46)
        at java.base/java.util.concurrent.Executors$RunnableAdapter.call(Exe
cutors.java:515)
        at java.base/java.util.concurrent.FutureTask.runAndReset(FutureTask.
java:305)
        at java.base/java.util.concurrent.ScheduledThreadPoolExecutor$Schedu
ledFutureTask.run(ScheduledThreadPoolExecutor.java:305)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(Threa
dPoolExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(Thre
adPoolExecutor.java:628)
```

```
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUt
ils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:
310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:10
2)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoin
t$lzycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEnd
point.scala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$1(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.
scala:725)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$rece
iveAndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:1
03)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty
$MessageLoop$$receiveLoop(MessageLoop.scala:75)
        at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.sc
ala:41)
        ... 3 more
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find en
dpoint: spark://CoarseGrainedScheduler@mac.home:59840
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.sc
ala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
```

```
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:
33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:
33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingEx
ecutor.scala:67)
        at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingEx
ecutor.scala:82)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.jav
a:23)
        at scala.concurrent.BlockContext$.withBlockContext(BlockContext.scal
a:85)
        at scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scal
a:59)
        at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecut
e(Future.scala:875)
        at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:
110)
        at scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scal
a:107)
        at scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.
scala:873)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.trySuccess(Promise.scala:94)
        at scala.concurrent.Promise.trySuccess$(Promise.scala:94)
        at scala.concurrent.impl.Promise$DefaultPromise.trySuccess(Promise.s
cala:187)
```

```
        at org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.sc
ala:225)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(Ne
ttyRpcEnv.scala:239)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$ad
apted(NettyRpcEnv.scala:238)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.Promise.success(Promise.scala:86)
        at scala.concurrent.Promise.success$(Promise.scala:86)
        at scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scal
a:187)
        at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpc
CallContext.scala:50)
        at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCall
Context.scala:32)
        at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAn
dReply$1.applyOrElse(RpcEndpointVerifier.scala:31)
        ... 8 more
25/10/21 20:42:35 WARN Executor: Issue communicating with driver in heartbea
ter
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUt
ils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:
310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:
101)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:
85)
        at org.apache.spark.storage.BlockManagerMaster.registerBlockManager
(BlockManagerMaster.scala:80)
        at org.apache.spark.storage.BlockManager.reregister(BlockManager.sca
la:642)
        at org.apache.spark.executor.Executor.reportHeartBeat(Executor.scal
a:1223)
        at org.apache.spark.executor.Executor.$anonfun$heartbeater$1(Executo
r.scala:295)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.jav
a:23)
```

```
        at org.apache.spark.util.Utils$.logUncaughtExceptions(Utils.scala:19
28)
        at org.apache.spark.Heartbeater$$anon$1.run(Heartbeater.scala:46)
        at java.base/java.util.concurrent.Executors$RunnableAdapter.call(Exe
cutors.java:515)
        at java.base/java.util.concurrent.FutureTask.runAndReset(FutureTask.
java:305)
        at java.base/java.util.concurrent.ScheduledThreadPoolExecutor$Schedu
ledFutureTask.run(ScheduledThreadPoolExecutor.java:305)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(Threa
dPoolExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(Thre
adPoolExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUt
ils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:
310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:10
2)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoin
t$lzycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEnd
point.scala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$1(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.
scala:725)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$rece
iveAndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:1
03)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty
$MessageLoop$$receiveLoop(MessageLoop.scala:75)
        at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.sc
ala:41)
        ... 3 more
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find en
dpoint: spark://CoarseGrainedScheduler@mac.home:59840
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.sc
ala:41)
```

```
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.dispatchOrAddCallbac
k(Promise.scala:316)
        at scala.concurrent.impl.Promise$DefaultPromise.onComplete(Promise.s
cala:307)
        at scala.concurrent.impl.Promise.transformWith(Promise.scala:40)
        at scala.concurrent.impl.Promise.transformWith$(Promise.scala:38)
        at scala.concurrent.impl.Promise$DefaultPromise.transformWith(Promis
e.scala:187)
        at scala.concurrent.Future.flatMap(Future.scala:306)
        at scala.concurrent.Future.flatMap$(Future.scala:306)
        at scala.concurrent.impl.Promise$DefaultPromise.flatMap(Promise.scal
a:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.asyncSetupEndpointRefByURI
(NettyRpcEnv.scala:150)
        ... 17 more
25/10/21 20:42:35 ERROR Inbox: Ignoring error
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUt
ils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:
310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:10
2)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoin
t$lzycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEnd
point.scala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$1(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.
scala:725)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$rece
iveAndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:1
03)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty
$MessageLoop$$receiveLoop(MessageLoop.scala:75)
        at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.sc
ala:41)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(Threa
```

```
dPoolExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(Thre
adPoolExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find en
dpoint: spark://CoarseGrainedScheduler@mac.home:59840
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.sc
ala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.dispatchOrAddCallbac
k(Promise.scala:316)
        at scala.concurrent.impl.Promise$DefaultPromise.onComplete(Promise.s
cala:307)
        at scala.concurrent.impl.Promise.transformWith(Promise.scala:40)
        at scala.concurrent.impl.Promise.transformWith$(Promise.scala:38)
        at scala.concurrent.impl.Promise$DefaultPromise.transformWith(Promis
e.scala:187)
        at scala.concurrent.Future.flatMap(Future.scala:306)
        at scala.concurrent.Future.flatMap$(Future.scala:306)
        at scala.concurrent.impl.Promise$DefaultPromise.flatMap(Promise.scal
a:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.asyncSetupEndpointRefByURI
(NettyRpcEnv.scala:150)
        ... 17 more
25/10/21 21:06:19 ERROR Inbox: Ignoring error
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUt
ils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:
310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:10
2)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoin
t$lzycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEnd
point.scala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$1(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
```

```
ark$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.
scala:725)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$rece
iveAndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:1
03)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty
$MessageLoop$$receiveLoop(MessageLoop.scala:75)
        at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.sc
ala:41)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(Threa
dPoolExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(Thre
adPoolExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find en
dpoint: spark://CoarseGrainedScheduler@mac.home:59840
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.sc
ala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.dispatchOrAddCallbac
k(Promise.scala:316)
        at scala.concurrent.impl.Promise$DefaultPromise.onComplete(Promise.s
cala:307)
        at scala.concurrent.impl.Promise.transformWith(Promise.scala:40)
        at scala.concurrent.impl.Promise.transformWith$(Promise.scala:38)
        at scala.concurrent.impl.Promise$DefaultPromise.transformWith(Promis
e.scala:187)
        at scala.concurrent.Future.flatMap(Future.scala:306)
        at scala.concurrent.Future.flatMap$(Future.scala:306)
        at scala.concurrent.impl.Promise$DefaultPromise.flatMap(Promise.scal
a:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.asyncSetupEndpointRefByURI
(NettyRpcEnv.scala:150)
        ... 17 more
25/10/21 21:06:19 WARN Executor: Issue communicating with driver in heartbea
ter
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUt
ils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:
310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
```

```
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:
101)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:
85)
        at org.apache.spark.storage.BlockManagerMaster.registerBlockManager
(BlockManagerMaster.scala:80)
        at org.apache.spark.storage.BlockManager.reregister(BlockManager.sca
la:642)
        at org.apache.spark.executor.Executor.reportHeartBeat(Executor.scal
a:1223)
        at org.apache.spark.executor.Executor.$anonfun$heartbeater$1(Executo
r.scala:295)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.jav
a:23)
        at org.apache.spark.util.Utils$.logUncaughtExceptions(Utils.scala:19
28)
        at org.apache.spark.Heartbeater$$anon$1.run(Heartbeater.scala:46)
        at java.base/java.util.concurrent.Executors$RunnableAdapter.call(Exe
cutors.java:515)
        at java.base/java.util.concurrent.FutureTask.runAndReset(FutureTask.
java:305)
        at java.base/java.util.concurrent.ScheduledThreadPoolExecutor$Schedu
ledFutureTask.run(ScheduledThreadPoolExecutor.java:305)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(Threa
dPoolExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(Thre
adPoolExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUt
ils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:
310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:10
2)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoin
t$lzycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEnd
point.scala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$1(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.
scala:725)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$rece
iveAndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:1
03)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
```

```
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty
$MessageLoop$$receiveLoop(MessageLoop.scala:75)
        at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.sc
ala:41)
        ... 3 more
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find en
dpoint: spark://CoarseGrainedScheduler@mac.home:59840
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.sc
ala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.dispatchOrAddCallbac
k(Promise.scala:316)
        at scala.concurrent.impl.Promise$DefaultPromise.onComplete(Promise.s
cala:307)
        at scala.concurrent.impl.Promise.transformWith(Promise.scala:40)
        at scala.concurrent.impl.Promise.transformWith$(Promise.scala:38)
        at scala.concurrent.impl.Promise$DefaultPromise.transformWith(Promis
e.scala:187)
        at scala.concurrent.Future.flatMap(Future.scala:306)
        at scala.concurrent.Future.flatMap$(Future.scala:306)
        at scala.concurrent.impl.Promise$DefaultPromise.flatMap(Promise.scal
a:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.asyncSetupEndpointRefByURI
(NettyRpcEnv.scala:150)
        ... 17 more
25/10/21 21:37:57 WARN Executor: Issue communicating with driver in heartbea
ter
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUt
ils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:
310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:
101)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:
85)
        at org.apache.spark.storage.BlockManagerMaster.registerBlockManager
(BlockManagerMaster.scala:80)
        at org.apache.spark.storage.BlockManager.reregister(BlockManager.sca
la:642)
        at org.apache.spark.executor.Executor.reportHeartBeat(Executor.scal
a:1223)
        at org.apache.spark.executor.Executor.$anonfun$heartbeater$1(Executo
r.scala:295)
```

```
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.jav
a:23)
        at org.apache.spark.util.Utils$.logUncaughtExceptions(Utils.scala:19
28)
        at org.apache.spark.Heartbeater$$anon$1.run(Heartbeater.scala:46)
        at java.base/java.util.concurrent.Executors$RunnableAdapter.call(Exe
cutors.java:515)
        at java.base/java.util.concurrent.FutureTask.runAndReset(FutureTask.
java:305)
        at java.base/java.util.concurrent.ScheduledThreadPoolExecutor$Schedu
ledFutureTask.run(ScheduledThreadPoolExecutor.java:305)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(Threa
dPoolExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(Thre
adPoolExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUt
ils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:
310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:10
2)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoin
t$lzycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEnd
point.scala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$1(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.
scala:725)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$rece
iveAndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:1
03)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty
$MessageLoop$$receiveLoop(MessageLoop.scala:75)
        at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.sc
ala:41)
        ... 3 more
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find en
dpoint: spark://CoarseGrainedScheduler@mac.home:59840
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
```

```
        at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.sc
ala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.dispatchOrAddCallbac
k(Promise.scala:316)
        at scala.concurrent.impl.Promise$DefaultPromise.onComplete(Promise.s
cala:307)
        at scala.concurrent.impl.Promise.transformWith(Promise.scala:40)
        at scala.concurrent.impl.Promise.transformWith$(Promise.scala:38)
        at scala.concurrent.impl.Promise$DefaultPromise.transformWith(Promis
e.scala:187)
        at scala.concurrent.Future.flatMap(Future.scala:306)
        at scala.concurrent.Future.flatMap$(Future.scala:306)
        at scala.concurrent.impl.Promise$DefaultPromise.flatMap(Promise.scal
a:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.asyncSetupEndpointRefByURI
(NettyRpcEnv.scala:150)
        ... 17 more
25/10/21 21:37:57 ERROR Inbox: Ignoring error
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUt
ils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:
310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:10
2)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoin
t$lzycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEnd
point.scala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$1(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.
scala:725)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$rece
iveAndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:1
03)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty
$MessageLoop$$receiveLoop(MessageLoop.scala:75)
        at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.sc
```

```
ala:41)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(Threa
dPoolExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(Thre
adPoolExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find en
dpoint: spark://CoarseGrainedScheduler@mac.home:59840
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.sc
ala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.dispatchOrAddCallbac
k(Promise.scala:316)
        at scala.concurrent.impl.Promise$DefaultPromise.onComplete(Promise.s
cala:307)
        at scala.concurrent.impl.Promise.transformWith(Promise.scala:40)
        at scala.concurrent.impl.Promise.transformWith$(Promise.scala:38)
        at scala.concurrent.impl.Promise$DefaultPromise.transformWith(Promis
e.scala:187)
        at scala.concurrent.Future.flatMap(Future.scala:306)
        at scala.concurrent.Future.flatMap$(Future.scala:306)
        at scala.concurrent.impl.Promise$DefaultPromise.flatMap(Promise.scal
a:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.asyncSetupEndpointRefByURI
(NettyRpcEnv.scala:150)
        ... 17 more
25/10/21 21:51:46 ERROR Inbox: Ignoring error
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUt
ils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:
310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:10
2)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoin
t$lzycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEnd
point.scala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
```

```
ve$1(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.
scala:725)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$rece
iveAndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:1
03)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty
$MessageLoop$$receiveLoop(MessageLoop.scala:75)
        at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.sc
ala:41)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(Threa
dPoolExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(Thre
adPoolExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find en
dpoint: spark://CoarseGrainedScheduler@mac.home:59840
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.sc
ala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.dispatchOrAddCallbac
k(Promise.scala:316)
        at scala.concurrent.impl.Promise$DefaultPromise.onComplete(Promise.s
cala:307)
        at scala.concurrent.impl.Promise.transformWith(Promise.scala:40)
        at scala.concurrent.impl.Promise.transformWith$(Promise.scala:38)
        at scala.concurrent.impl.Promise$DefaultPromise.transformWith(Promis
e.scala:187)
        at scala.concurrent.Future.flatMap(Future.scala:306)
        at scala.concurrent.Future.flatMap$(Future.scala:306)
        at scala.concurrent.impl.Promise$DefaultPromise.flatMap(Promise.scal
a:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.asyncSetupEndpointRefByURI
(NettyRpcEnv.scala:150)
        ... 17 more
25/10/21 21:51:46 WARN Executor: Issue communicating with driver in heartbea
ter
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUt
ils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:
```

```
310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:
101)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:
85)
        at org.apache.spark.storage.BlockManagerMaster.registerBlockManager
(BlockManagerMaster.scala:80)
        at org.apache.spark.storage.BlockManager.reregister(BlockManager.sca
la:642)
        at org.apache.spark.executor.Executor.reportHeartBeat(Executor.scal
a:1223)
        at org.apache.spark.executor.Executor.$anonfun$heartbeater$1(Executo
r.scala:295)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.jav
a:23)
        at org.apache.spark.util.Utils$.logUncaughtExceptions(Utils.scala:19
28)
        at org.apache.spark.Heartbeater$$anon$1.run(Heartbeater.scala:46)
        at java.base/java.util.concurrent.Executors$RunnableAdapter.call(Exe
cutors.java:515)
        at java.base/java.util.concurrent.FutureTask.runAndReset(FutureTask.
java:305)
        at java.base/java.util.concurrent.ScheduledThreadPoolExecutor$Schedu
ledFutureTask.run(ScheduledThreadPoolExecutor.java:305)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(Threa
dPoolExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(Thre
adPoolExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUt
ils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:
310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:10
2)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoin
t$lzycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEnd
point.scala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$1(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.
scala:725)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$rece
iveAndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:1
03)
```

```
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty
$MessageLoop$$receiveLoop(MessageLoop.scala:75)
        at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.sc
ala:41)
        ... 3 more
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find en
dpoint: spark://CoarseGrainedScheduler@mac.home:59840
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.sc
ala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.dispatchOrAddCallbac
k(Promise.scala:316)
        at scala.concurrent.impl.Promise$DefaultPromise.onComplete(Promise.s
cala:307)
        at scala.concurrent.impl.Promise.transformWith(Promise.scala:40)
        at scala.concurrent.impl.Promise.transformWith$(Promise.scala:38)
        at scala.concurrent.impl.Promise$DefaultPromise.transformWith(Promis
e.scala:187)
        at scala.concurrent.Future.flatMap(Future.scala:306)
        at scala.concurrent.Future.flatMap$(Future.scala:306)
        at scala.concurrent.impl.Promise$DefaultPromise.flatMap(Promise.scal
a:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.asyncSetupEndpointRefByURI
(NettyRpcEnv.scala:150)
        ... 17 more
25/10/21 21:51:56 ERROR Inbox: Ignoring error
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUt
ils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:
310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:10
2)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoin
t$lzycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEnd
point.scala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
```

```
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$1(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.
scala:725)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$rece
iveAndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:1
03)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty
$MessageLoop$$receiveLoop(MessageLoop.scala:75)
        at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.sc
ala:41)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(Threa
dPoolExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(Thre
adPoolExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find en
dpoint: spark://CoarseGrainedScheduler@mac.home:59840
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.sc
ala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:
33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
```

```
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:
33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingEx
ecutor.scala:67)
        at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingEx
ecutor.scala:82)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.jav
a:23)
        at scala.concurrent.BlockContext$.withBlockContext(BlockContext.scal
a:85)
        at scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scal
a:59)
        at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecut
e(Future.scala:875)
        at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:
110)
        at scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scal
a:107)
        at scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.
scala:873)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.trySuccess(Promise.scala:94)
        at scala.concurrent.Promise.trySuccess$(Promise.scala:94)
        at scala.concurrent.impl.Promise$DefaultPromise.trySuccess(Promise.s
cala:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.sc
ala:225)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(Ne
ttyRpcEnv.scala:239)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$ad
apted(NettyRpcEnv.scala:238)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
```

```
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.Promise.success(Promise.scala:86)
        at scala.concurrent.Promise.success$(Promise.scala:86)
        at scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scal
a:187)
        at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpc
CallContext.scala:50)
        at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCall
Context.scala:32)
        at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAn
dReply$1.applyOrElse(RpcEndpointVerifier.scala:31)
        ... 8 more
25/10/21 21:51:56 WARN Executor: Issue communicating with driver in heartbea
ter
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUt
ils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:
310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:
101)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:
85)
        at org.apache.spark.storage.BlockManagerMaster.registerBlockManager
(BlockManagerMaster.scala:80)
        at org.apache.spark.storage.BlockManager.reregister(BlockManager.sca
la:642)
        at org.apache.spark.executor.Executor.reportHeartBeat(Executor.scal
a:1223)
        at org.apache.spark.executor.Executor.$anonfun$heartbeater$1(Executo
r.scala:295)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.jav
a:23)
        at org.apache.spark.util.Utils$.logUncaughtExceptions(Utils.scala:19
28)
        at org.apache.spark.Heartbeater$$anon$1.run(Heartbeater.scala:46)
        at java.base/java.util.concurrent.Executors$RunnableAdapter.call(Exe
cutors.java:515)
        at java.base/java.util.concurrent.FutureTask.runAndReset(FutureTask.
java:305)
        at java.base/java.util.concurrent.ScheduledThreadPoolExecutor$Schedu
ledFutureTask.run(ScheduledThreadPoolExecutor.java:305)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(Threa
dPoolExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(Thre
adPoolExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
```

```
Caused by: org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUt
ils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:
310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:10
2)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoin
t$lzycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEnd
point.scala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$1(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.
scala:725)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$rece
iveAndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:1
03)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty
$MessageLoop$$receiveLoop(MessageLoop.scala:75)
        at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.sc
ala:41)
        ... 3 more
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find en
dpoint: spark://CoarseGrainedScheduler@mac.home:59840
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.sc
ala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
```

```
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:
33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:
33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingEx
ecutor.scala:67)
        at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingEx
ecutor.scala:82)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.jav
a:23)
        at scala.concurrent.BlockContext$.withBlockContext(BlockContext.scal
a:85)
        at scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scal
a:59)
        at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecut
e(Future.scala:875)
        at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:
110)
        at scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scal
a:107)
        at scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.
scala:873)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.trySuccess(Promise.scala:94)
        at scala.concurrent.Promise.trySuccess$(Promise.scala:94)
        at scala.concurrent.impl.Promise$DefaultPromise.trySuccess(Promise.s
cala:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.sc
```

```
ala:225)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(Ne
ttyRpcEnv.scala:239)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$ad
apted(NettyRpcEnv.scala:238)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.Promise.success(Promise.scala:86)
        at scala.concurrent.Promise.success$(Promise.scala:86)
        at scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scal
a:187)
        at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpc
CallContext.scala:50)
        at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCall
Context.scala:32)
        at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAn
dReply$1.applyOrElse(RpcEndpointVerifier.scala:31)
        ... 8 more
25/10/21 22:06:05 ERROR Inbox: Ignoring error
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUt
ils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:
310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:10
2)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoin
t$lzycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEnd
point.scala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$1(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.
scala:725)
```

```
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$rece
iveAndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:1
03)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty
$MessageLoop$$receiveLoop(MessageLoop.scala:75)
        at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.sc
ala:41)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(Threa
dPoolExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(Thre
adPoolExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find en
dpoint: spark://CoarseGrainedScheduler@mac.home:59840
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.sc
ala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:
33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
```

```
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:
33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingEx
ecutor.scala:67)
        at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingEx
ecutor.scala:82)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.jav
a:23)
        at scala.concurrent.BlockContext$.withBlockContext(BlockContext.scal
a:85)
        at scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scal
a:59)
        at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecut
e(Future.scala:875)
        at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:
110)
        at scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scal
a:107)
        at scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.
scala:873)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.trySuccess(Promise.scala:94)
        at scala.concurrent.Promise.trySuccess$(Promise.scala:94)
        at scala.concurrent.impl.Promise$DefaultPromise.trySuccess(Promise.s
cala:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.sc
ala:225)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(Ne
ttyRpcEnv.scala:239)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$ad
apted(NettyRpcEnv.scala:238)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
```

```
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.Promise.success(Promise.scala:86)
        at scala.concurrent.Promise.success$(Promise.scala:86)
        at scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scal
a:187)
        at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpc
CallContext.scala:50)
        at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCall
Context.scala:32)
        at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAn
dReply$1.applyOrElse(RpcEndpointVerifier.scala:31)
        ... 8 more
25/10/21 22:06:05 WARN Executor: Issue communicating with driver in heartbea
ter
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUt
ils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:
310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:
101)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:
85)
        at org.apache.spark.storage.BlockManagerMaster.registerBlockManager
(BlockManagerMaster.scala:80)
        at org.apache.spark.storage.BlockManager.reregister(BlockManager.sca
la:642)
        at org.apache.spark.executor.Executor.reportHeartBeat(Executor.scal
a:1223)
        at org.apache.spark.executor.Executor.$anonfun$heartbeater$1(Executo
r.scala:295)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.jav
a:23)
        at org.apache.spark.util.Utils$.logUncaughtExceptions(Utils.scala:19
28)
        at org.apache.spark.Heartbeater$$anon$1.run(Heartbeater.scala:46)
        at java.base/java.util.concurrent.Executors$RunnableAdapter.call(Exe
cutors.java:515)
        at java.base/java.util.concurrent.FutureTask.runAndReset(FutureTask.
java:305)
        at java.base/java.util.concurrent.ScheduledThreadPoolExecutor$Schedu
ledFutureTask.run(ScheduledThreadPoolExecutor.java:305)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(Threa
dPoolExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(Thre
adPoolExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUt
ils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:
310)
```

```
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:10
2)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoin
t$lzycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEnd
point.scala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$1(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.
scala:725)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$rece
iveAndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:1
03)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty
$MessageLoop$$receiveLoop(MessageLoop.scala:75)
        at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.sc
ala:41)
        ... 3 more
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find en
dpoint: spark://CoarseGrainedScheduler@mac.home:59840
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.sc
ala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:
33)
```

```
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:
33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingEx
ecutor.scala:67)
        at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingEx
ecutor.scala:82)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.jav
a:23)
        at scala.concurrent.BlockContext$.withBlockContext(BlockContext.scal
a:85)
        at scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scal
a:59)
        at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecut
e(Future.scala:875)
        at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:
110)
        at scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scal
a:107)
        at scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.
scala:873)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.trySuccess(Promise.scala:94)
        at scala.concurrent.Promise.trySuccess$(Promise.scala:94)
        at scala.concurrent.impl.Promise$DefaultPromise.trySuccess(Promise.s
cala:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.sc
ala:225)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(Ne
ttyRpcEnv.scala:239)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$ad
apted(NettyRpcEnv.scala:238)
```

```
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.Promise.success(Promise.scala:86)
        at scala.concurrent.Promise.success$(Promise.scala:86)
        at scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scal
a:187)
        at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpc
CallContext.scala:50)
        at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCall
Context.scala:32)
        at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAn
dReply$1.applyOrElse(RpcEndpointVerifier.scala:31)
        ... 8 more
25/10/21 22:41:25 ERROR Inbox: Ignoring error
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUt
ils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:
310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:10
2)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoin
t$lzycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEnd
point.scala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$1(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.
scala:725)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$rece
iveAndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:1
03)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
```

```
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty
$MessageLoop$$receiveLoop(MessageLoop.scala:75)
        at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.sc
ala:41)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(Threa
dPoolExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(Thre
adPoolExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find en
dpoint: spark://CoarseGrainedScheduler@mac.home:59840
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.sc
ala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:
33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:
```

```
33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingEx
ecutor.scala:67)
        at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingEx
ecutor.scala:82)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.jav
a:23)
        at scala.concurrent.BlockContext$.withBlockContext(BlockContext.scal
a:85)
        at scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scal
a:59)
        at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecut
e(Future.scala:875)
        at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:
110)
        at scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scal
a:107)
        at scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.
scala:873)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.trySuccess(Promise.scala:94)
        at scala.concurrent.Promise.trySuccess$(Promise.scala:94)
        at scala.concurrent.impl.Promise$DefaultPromise.trySuccess(Promise.s
cala:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.sc
ala:225)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(Ne
ttyRpcEnv.scala:239)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$ad
apted(NettyRpcEnv.scala:238)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.Promise.success(Promise.scala:86)
```

```
        at scala.concurrent.Promise.success$(Promise.scala:86)
        at scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scal
a:187)
        at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpc
CallContext.scala:50)
        at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCall
Context.scala:32)
        at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAn
dReply$1.applyOrElse(RpcEndpointVerifier.scala:31)
          ... 8 more
25/10/21 22:41:25 WARN Executor: Issue communicating with driver in heartbea
ter
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUt
ils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:
310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:
101)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:
85)
        at org.apache.spark.storage.BlockManagerMaster.registerBlockManager
(BlockManagerMaster.scala:80)
        at org.apache.spark.storage.BlockManager.reregister(BlockManager.sca
la:642)
        at org.apache.spark.executor.Executor.reportHeartBeat(Executor.scal
a:1223)
        at org.apache.spark.executor.Executor.$anonfun$heartbeater$1(Executo
r.scala:295)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.jav
a:23)
        at org.apache.spark.util.Utils$.logUncaughtExceptions(Utils.scala:19
28)
        at org.apache.spark.Heartbeater$$anon$1.run(Heartbeater.scala:46)
        at java.base/java.util.concurrent.Executors$RunnableAdapter.call(Exe
cutors.java:515)
        at java.base/java.util.concurrent.FutureTask.runAndReset(FutureTask.
java:305)
        at java.base/java.util.concurrent.ScheduledThreadPoolExecutor$Schedu
ledFutureTask.run(ScheduledThreadPoolExecutor.java:305)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(Threa
dPoolExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(Thre
adPoolExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUt
ils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:
310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:10
2)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
```

```
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoin
t$lzycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEnd
point.scala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$1(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.
scala:725)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$rece
iveAndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:1
03)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty
$MessageLoop$$receiveLoop(MessageLoop.scala:75)
        at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.sc
ala:41)
        ... 3 more
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find en
dpoint: spark://CoarseGrainedScheduler@mac.home:59840
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.sc
ala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:
33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
```

```
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:
33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingEx
ecutor.scala:67)
        at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingEx
ecutor.scala:82)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.jav
a:23)
        at scala.concurrent.BlockContext$.withBlockContext(BlockContext.scal
a:85)
        at scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scal
a:59)
        at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecut
e(Future.scala:875)
        at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:
110)
        at scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scal
a:107)
        at scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.
scala:873)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.trySuccess(Promise.scala:94)
        at scala.concurrent.Promise.trySuccess$(Promise.scala:94)
        at scala.concurrent.impl.Promise$DefaultPromise.trySuccess(Promise.s
cala:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.sc
ala:225)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(Ne
ttyRpcEnv.scala:239)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$ad
apted(NettyRpcEnv.scala:238)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
```

```
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.Promise.success(Promise.scala:86)
        at scala.concurrent.Promise.success$(Promise.scala:86)
        at scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scal
a:187)
        at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpc
CallContext.scala:50)
        at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCall
Context.scala:32)
        at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAn
dReply$1.applyOrElse(RpcEndpointVerifier.scala:31)
        ... 8 more
25/10/21 22:41:36 ERROR Inbox: Ignoring error
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUt
ils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:
310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:10
2)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoin
t$lzycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEnd
point.scala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$1(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.
scala:725)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$rece
iveAndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:1
03)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty
$MessageLoop$$receiveLoop(MessageLoop.scala:75)
        at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.sc
ala:41)
```

```
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(Threa
dPoolExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(Thre
adPoolExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find en
dpoint: spark://CoarseGrainedScheduler@mac.home:59840
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.sc
ala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:
33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:
33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingEx
ecutor.scala:67)
        at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingEx
```

```
ecutor.scala:82)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.jav
a:23)
        at scala.concurrent.BlockContext$.withBlockContext(BlockContext.scal
a:85)
        at scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scal
a:59)
        at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecut
e(Future.scala:875)
        at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:
110)
        at scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scal
a:107)
        at scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.
scala:873)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.trySuccess(Promise.scala:94)
        at scala.concurrent.Promise.trySuccess$(Promise.scala:94)
        at scala.concurrent.impl.Promise$DefaultPromise.trySuccess(Promise.s
cala:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.sc
ala:225)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(Ne
ttyRpcEnv.scala:239)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$ad
apted(NettyRpcEnv.scala:238)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.Promise.success(Promise.scala:86)
        at scala.concurrent.Promise.success$(Promise.scala:86)
        at scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scal
a:187)
        at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpc
CallContext.scala:50)
```

```
        at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCall
Context.scala:32)
        at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAn
dReply$1.applyOrElse(RpcEndpointVerifier.scala:31)
        ... 8 more
25/10/21 22:41:36 WARN Executor: Issue communicating with driver in heartbea
ter
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUt
ils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:
310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:
101)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:
85)
        at org.apache.spark.storage.BlockManagerMaster.registerBlockManager
(BlockManagerMaster.scala:80)
        at org.apache.spark.storage.BlockManager.reregister(BlockManager.sca
la:642)
        at org.apache.spark.executor.Executor.reportHeartBeat(Executor.scal
a:1223)
        at org.apache.spark.executor.Executor.$anonfun$heartbeater$1(Executo
r.scala:295)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.jav
a:23)
        at org.apache.spark.util.Utils$.logUncaughtExceptions(Utils.scala:19
28)
        at org.apache.spark.Heartbeater$$anon$1.run(Heartbeater.scala:46)
        at java.base/java.util.concurrent.Executors$RunnableAdapter.call(Exe
cutors.java:515)
        at java.base/java.util.concurrent.FutureTask.runAndReset(FutureTask.
java:305)
        at java.base/java.util.concurrent.ScheduledThreadPoolExecutor$Schedu
ledFutureTask.run(ScheduledThreadPoolExecutor.java:305)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(Threa
dPoolExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(Thre
adPoolExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUt
ils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:
310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:10
2)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoin
t$lzycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEnd
point.scala:123)
```

```
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$1(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.
scala:725)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$rece
iveAndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:1
03)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty
$MessageLoop$$receiveLoop(MessageLoop.scala:75)
        at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.sc
ala:41)
        ... 3 more
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find en
dpoint: spark://CoarseGrainedScheduler@mac.home:59840
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.sc
ala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:
33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
```

```
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:
33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingEx
ecutor.scala:67)
        at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingEx
ecutor.scala:82)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.jav
a:23)
        at scala.concurrent.BlockContext$.withBlockContext(BlockContext.scal
a:85)
        at scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scal
a:59)
        at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecut
e(Future.scala:875)
        at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:
110)
        at scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scal
a:107)
        at scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.
scala:873)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.trySuccess(Promise.scala:94)
        at scala.concurrent.Promise.trySuccess$(Promise.scala:94)
        at scala.concurrent.impl.Promise$DefaultPromise.trySuccess(Promise.s
cala:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.sc
ala:225)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(Ne
ttyRpcEnv.scala:239)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$ad
apted(NettyRpcEnv.scala:238)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
```

```
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.Promise.success(Promise.scala:86)
        at scala.concurrent.Promise.success$(Promise.scala:86)
        at scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scal
a:187)
        at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpc
CallContext.scala:50)
        at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCall
Context.scala:32)
        at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAn
dReply$1.applyOrElse(RpcEndpointVerifier.scala:31)
        ... 8 more
25/10/21 23:15:10 ERROR Inbox: Ignoring error
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUt
ils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:
310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:10
2)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoin
t$lzycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEnd
point.scala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$1(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.
scala:725)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$rece
iveAndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:1
03)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty
$MessageLoop$$receiveLoop(MessageLoop.scala:75)
        at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.sc
ala:41)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(Threa
dPoolExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(Thre
adPoolExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
```

```
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find en
dpoint: spark://CoarseGrainedScheduler@mac.home:59840
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.sc
ala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:
33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:
33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingEx
ecutor.scala:67)
        at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingEx
ecutor.scala:82)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.jav
a:23)
        at scala.concurrent.BlockContext$.withBlockContext(BlockContext.scal
a:85)
```

```
        at scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scal
a:59)
        at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecut
e(Future.scala:875)
        at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:
110)
        at scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scal
a:107)
        at scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.
scala:873)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.trySuccess(Promise.scala:94)
        at scala.concurrent.Promise.trySuccess$(Promise.scala:94)
        at scala.concurrent.impl.Promise$DefaultPromise.trySuccess(Promise.s
cala:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.sc
ala:225)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(Ne
ttyRpcEnv.scala:239)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$ad
apted(NettyRpcEnv.scala:238)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.Promise.success(Promise.scala:86)
        at scala.concurrent.Promise.success$(Promise.scala:86)
        at scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scal
a:187)
        at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpc
CallContext.scala:50)
        at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCall
Context.scala:32)
        at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAn
dReply$1.applyOrElse(RpcEndpointVerifier.scala:31)
        ... 8 more
```

```
25/10/21 23:15:10 WARN Executor: Issue communicating with driver in heartbea
ter
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUt
ils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:
310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:
101)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:
85)
        at org.apache.spark.storage.BlockManagerMaster.registerBlockManager
(BlockManagerMaster.scala:80)
        at org.apache.spark.storage.BlockManager.reregister(BlockManager.sca
la:642)
        at org.apache.spark.executor.Executor.reportHeartBeat(Executor.scal
a:1223)
        at org.apache.spark.executor.Executor.$anonfun$heartbeater$1(Executo
r.scala:295)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.jav
a:23)
        at org.apache.spark.util.Utils$.logUncaughtExceptions(Utils.scala:19
28)
        at org.apache.spark.Heartbeater$$anon$1.run(Heartbeater.scala:46)
        at java.base/java.util.concurrent.Executors$RunnableAdapter.call(Exe
cutors.java:515)
        at java.base/java.util.concurrent.FutureTask.runAndReset(FutureTask.
java:305)
        at java.base/java.util.concurrent.ScheduledThreadPoolExecutor$Schedu
ledFutureTask.run(ScheduledThreadPoolExecutor.java:305)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(Threa
dPoolExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(Thre
adPoolExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUt
ils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:
310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:10
2)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoin
t$lzycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEnd
point.scala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$1(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
```

```
ark$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.
scala:725)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$rece
iveAndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:1
03)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty
$MessageLoop$$receiveLoop(MessageLoop.scala:75)
        at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.sc
ala:41)
        ... 3 more
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find en
dpoint: spark://CoarseGrainedScheduler@mac.home:59840
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.sc
ala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:
33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
```

```
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:
33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingEx
ecutor.scala:67)
        at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingEx
ecutor.scala:82)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.jav
a:23)
        at scala.concurrent.BlockContext$.withBlockContext(BlockContext.scal
a:85)
        at scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scal
a:59)
        at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecut
e(Future.scala:875)
        at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:
110)
        at scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scal
a:107)
        at scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.
scala:873)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.trySuccess(Promise.scala:94)
        at scala.concurrent.Promise.trySuccess$(Promise.scala:94)
        at scala.concurrent.impl.Promise$DefaultPromise.trySuccess(Promise.s
cala:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.sc
ala:225)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(Ne
ttyRpcEnv.scala:239)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$ad
apted(NettyRpcEnv.scala:238)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
```

```
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.Promise.success(Promise.scala:86)
        at scala.concurrent.Promise.success$(Promise.scala:86)
        at scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scal
a:187)
        at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpc
CallContext.scala:50)
        at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCall
Context.scala:32)
        at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAn
dReply$1.applyOrElse(RpcEndpointVerifier.scala:31)
        ... 8 more
25/10/21 23:48:27 ERROR Inbox: Ignoring error
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUt
ils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:
310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:10
2)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoin
t$lzycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEnd
point.scala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$1(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.
scala:725)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$rece
iveAndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:1
03)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty
$MessageLoop$$receiveLoop(MessageLoop.scala:75)
        at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.sc
ala:41)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(Threa
dPoolExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(Thre
adPoolExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find en
dpoint: spark://CoarseGrainedScheduler@mac.home:59840
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
```

```
tRefByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.sc
ala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.dispatchOrAddCallbac
k(Promise.scala:316)
        at scala.concurrent.impl.Promise$DefaultPromise.onComplete(Promise.s
cala:307)
        at scala.concurrent.impl.Promise.transformWith(Promise.scala:40)
        at scala.concurrent.impl.Promise.transformWith$(Promise.scala:38)
        at scala.concurrent.impl.Promise$DefaultPromise.transformWith(Promis
e.scala:187)
        at scala.concurrent.Future.flatMap(Future.scala:306)
        at scala.concurrent.Future.flatMap$(Future.scala:306)
        at scala.concurrent.impl.Promise$DefaultPromise.flatMap(Promise.scal
a:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.asyncSetupEndpointRefByURI
(NettyRpcEnv.scala:150)
        ... 17 more
25/10/21 23:48:27 WARN Executor: Issue communicating with driver in heartbea
ter
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUt
ils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:
310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:
101)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:
85)
        at org.apache.spark.storage.BlockManagerMaster.registerBlockManager
(BlockManagerMaster.scala:80)
        at org.apache.spark.storage.BlockManager.reregister(BlockManager.sca
la:642)
        at org.apache.spark.executor.Executor.reportHeartBeat(Executor.scal
a:1223)
        at org.apache.spark.executor.Executor.$anonfun$heartbeater$1(Executo
r.scala:295)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.jav
a:23)
        at org.apache.spark.util.Utils$.logUncaughtExceptions(Utils.scala:19
28)
        at org.apache.spark.Heartbeater$$anon$1.run(Heartbeater.scala:46)
        at java.base/java.util.concurrent.Executors$RunnableAdapter.call(Exe
cutors.java:515)
        at java.base/java.util.concurrent.FutureTask.runAndReset(FutureTask.
java:305)
        at java.base/java.util.concurrent.ScheduledThreadPoolExecutor$Schedu
```

```
ledFutureTask.run(ScheduledThreadPoolExecutor.java:305)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(Threa
dPoolExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(Thre
adPoolExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUt
ils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:
310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:10
2)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoin
t$lzycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEnd
point.scala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$1(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.
scala:725)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$rece
iveAndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:1
03)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty
$MessageLoop$$receiveLoop(MessageLoop.scala:75)
        at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.sc
ala:41)
        ... 3 more
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find en
dpoint: spark://CoarseGrainedScheduler@mac.home:59840
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.sc
ala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.dispatchOrAddCallbac
```

```
k(Promise.scala:316)
        at scala.concurrent.impl.Promise$DefaultPromise.onComplete(Promise.s
cala:307)
        at scala.concurrent.impl.Promise.transformWith(Promise.scala:40)
        at scala.concurrent.impl.Promise.transformWith$(Promise.scala:38)
        at scala.concurrent.impl.Promise$DefaultPromise.transformWith(Promis
e.scala:187)
        at scala.concurrent.Future.flatMap(Future.scala:306)
        at scala.concurrent.Future.flatMap$(Future.scala:306)
        at scala.concurrent.impl.Promise$DefaultPromise.flatMap(Promise.scal
a:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.asyncSetupEndpointRefByURI
(NettyRpcEnv.scala:150)
        ... 17 more
25/10/22 00:22:39 ERROR Inbox: Ignoring error
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUt
ils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:
310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:10
2)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoin
t$lzycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEnd
point.scala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$1(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.
scala:725)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$rece
iveAndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:1
03)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty
$MessageLoop$$receiveLoop(MessageLoop.scala:75)
        at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.sc
ala:41)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(Threa
dPoolExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(Thre
adPoolExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find en
dpoint: spark://CoarseGrainedScheduler@mac.home:59840
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1(NettyRpcEnv.scala:148)
```

```
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.sc
ala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:
33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:
33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingEx
ecutor.scala:67)
        at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingEx
ecutor.scala:82)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.jav
a:23)
        at scala.concurrent.BlockContext$.withBlockContext(BlockContext.scal
a:85)
        at scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scal
a:59)
        at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecut
e(Future.scala:875)
```

```
        at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:
110)
        at scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scal
a:107)
        at scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.
scala:873)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.trySuccess(Promise.scala:94)
        at scala.concurrent.Promise.trySuccess$(Promise.scala:94)
        at scala.concurrent.impl.Promise$DefaultPromise.trySuccess(Promise.s
cala:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.sc
ala:225)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(Ne
ttyRpcEnv.scala:239)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$ad
apted(NettyRpcEnv.scala:238)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.Promise.success(Promise.scala:86)
        at scala.concurrent.Promise.success$(Promise.scala:86)
        at scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scal
a:187)
        at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpc
CallContext.scala:50)
        at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCall
Context.scala:32)
        at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAn
dReply$1.applyOrElse(RpcEndpointVerifier.scala:31)
        ... 8 more
25/10/22 00:22:39 WARN Executor: Issue communicating with driver in heartbea
ter
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUt
```

```
ils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:
310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:
101)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:
85)
        at org.apache.spark.storage.BlockManagerMaster.registerBlockManager
(BlockManagerMaster.scala:80)
        at org.apache.spark.storage.BlockManager.reregister(BlockManager.sca
la:642)
        at org.apache.spark.executor.Executor.reportHeartBeat(Executor.scal
a:1223)
        at org.apache.spark.executor.Executor.$anonfun$heartbeater$1(Executo
r.scala:295)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.jav
a:23)
        at org.apache.spark.util.Utils$.logUncaughtExceptions(Utils.scala:19
28)
        at org.apache.spark.Heartbeater$$anon$1.run(Heartbeater.scala:46)
        at java.base/java.util.concurrent.Executors$RunnableAdapter.call(Exe
cutors.java:515)
        at java.base/java.util.concurrent.FutureTask.runAndReset(FutureTask.
java:305)
        at java.base/java.util.concurrent.ScheduledThreadPoolExecutor$Schedu
ledFutureTask.run(ScheduledThreadPoolExecutor.java:305)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(Threa
dPoolExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(Thre
adPoolExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUt
ils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:
310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:10
2)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoin
t$lzycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEnd
point.scala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$1(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.
scala:725)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$rece
iveAndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
```

```
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:1
03)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty
$MessageLoop$$receiveLoop(MessageLoop.scala:75)
        at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.sc
ala:41)
        ... 3 more
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find en
dpoint: spark://CoarseGrainedScheduler@mac.home:59840
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.sc
ala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:
33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:
33)
```

```
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingEx
ecutor.scala:67)
        at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingEx
ecutor.scala:82)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.jav
a:23)
        at scala.concurrent.BlockContext$.withBlockContext(BlockContext.scal
a:85)
        at scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scal
a:59)
        at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecut
e(Future.scala:875)
        at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:
110)
        at scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scal
a:107)
        at scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.
scala:873)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.trySuccess(Promise.scala:94)
        at scala.concurrent.Promise.trySuccess$(Promise.scala:94)
        at scala.concurrent.impl.Promise$DefaultPromise.trySuccess(Promise.s
cala:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.sc
ala:225)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(Ne
ttyRpcEnv.scala:239)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$ad
apted(NettyRpcEnv.scala:238)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.Promise.success(Promise.scala:86)
        at scala.concurrent.Promise.success$(Promise.scala:86)
```

```
        at scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scal
a:187)
        at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpc
CallContext.scala:50)
        at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCall
Context.scala:32)
        at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAn
dReply$1.applyOrElse(RpcEndpointVerifier.scala:31)
        ... 8 more
25/10/22 00:58:11 ERROR Inbox: Ignoring error
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUt
ils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:
310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:10
2)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoin
t$lzycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEnd
point.scala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$1(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.
scala:725)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$rece
iveAndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:1
03)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty
$MessageLoop$$receiveLoop(MessageLoop.scala:75)
        at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.sc
ala:41)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(Threa
dPoolExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(Thre
adPoolExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find en
dpoint: spark://CoarseGrainedScheduler@mac.home:59840
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.sc
ala:41)
```

```
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:
33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:
33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingEx
ecutor.scala:67)
        at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingEx
ecutor.scala:82)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.jav
a:23)
        at scala.concurrent.BlockContext$.withBlockContext(BlockContext.scal
a:85)
        at scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scal
a:59)
        at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecut
e(Future.scala:875)
        at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:
110)
        at scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scal
a:107)
        at scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.
```

```
scala:873)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.trySuccess(Promise.scala:94)
        at scala.concurrent.Promise.trySuccess$(Promise.scala:94)
        at scala.concurrent.impl.Promise$DefaultPromise.trySuccess(Promise.s
cala:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.sc
ala:225)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(Ne
ttyRpcEnv.scala:239)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$ad
apted(NettyRpcEnv.scala:238)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.Promise.success(Promise.scala:86)
        at scala.concurrent.Promise.success$(Promise.scala:86)
        at scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scal
a:187)
        at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpc
CallContext.scala:50)
        at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCall
Context.scala:32)
        at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAn
dReply$1.applyOrElse(RpcEndpointVerifier.scala:31)
        ... 8 more
25/10/22 00:58:11 WARN Executor: Issue communicating with driver in heartbea
ter
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUt
ils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:
310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:
```

```
101)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:
85)
        at org.apache.spark.storage.BlockManagerMaster.registerBlockManager
(BlockManagerMaster.scala:80)
        at org.apache.spark.storage.BlockManager.reregister(BlockManager.sca
la:642)
        at org.apache.spark.executor.Executor.reportHeartBeat(Executor.scal
a:1223)
        at org.apache.spark.executor.Executor.$anonfun$heartbeater$1(Executo
r.scala:295)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.jav
a:23)
        at org.apache.spark.util.Utils$.logUncaughtExceptions(Utils.scala:19
28)
        at org.apache.spark.Heartbeater$$anon$1.run(Heartbeater.scala:46)
        at java.base/java.util.concurrent.Executors$RunnableAdapter.call(Exe
cutors.java:515)
        at java.base/java.util.concurrent.FutureTask.runAndReset(FutureTask.
java:305)
        at java.base/java.util.concurrent.ScheduledThreadPoolExecutor$Schedu
ledFutureTask.run(ScheduledThreadPoolExecutor.java:305)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(Threa
dPoolExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(Thre
adPoolExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUt
ils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:
310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:10
2)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoin
t$lzycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEnd
point.scala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$1(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.
scala:725)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$rece
iveAndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:1
03)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty
```

```
$MessageLoop$$receiveLoop(MessageLoop.scala:75)
        at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.sc
ala:41)
        ... 3 more
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find en
dpoint: spark://CoarseGrainedScheduler@mac.home:59840
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.sc
ala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:
33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:
33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingEx
ecutor.scala:67)
        at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingEx
ecutor.scala:82)
```

```
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.jav
a:23)
        at scala.concurrent.BlockContext$.withBlockContext(BlockContext.scal
a:85)
        at scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scal
a:59)
        at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecut
e(Future.scala:875)
        at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:
110)
        at scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scal
a:107)
        at scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.
scala:873)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.trySuccess(Promise.scala:94)
        at scala.concurrent.Promise.trySuccess$(Promise.scala:94)
        at scala.concurrent.impl.Promise$DefaultPromise.trySuccess(Promise.s
cala:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.sc
ala:225)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(Ne
ttyRpcEnv.scala:239)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$ad
apted(NettyRpcEnv.scala:238)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.Promise.success(Promise.scala:86)
        at scala.concurrent.Promise.success$(Promise.scala:86)
        at scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scal
a:187)
        at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpc
CallContext.scala:50)
        at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCall
```

```
Context.scala:32)
        at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAn
dReply$1.applyOrElse(RpcEndpointVerifier.scala:31)
        ... 8 more
25/10/22 01:15:21 ERROR Inbox: Ignoring error
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUt
ils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:
310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:10
2)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoin
t$lzycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEnd
point.scala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$1(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.
scala:725)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$rece
iveAndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:1
03)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty
$MessageLoop$$receiveLoop(MessageLoop.scala:75)
        at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.sc
ala:41)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(Threa
dPoolExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(Thre
adPoolExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find en
dpoint: spark://CoarseGrainedScheduler@mac.home:59840
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.sc
ala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
```

```
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:
33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:
33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingEx
ecutor.scala:67)
        at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingEx
ecutor.scala:82)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.jav
a:23)
        at scala.concurrent.BlockContext$.withBlockContext(BlockContext.scal
a:85)
        at scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scal
a:59)
        at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecut
e(Future.scala:875)
        at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:
110)
        at scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scal
a:107)
        at scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.
scala:873)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
```

```
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.trySuccess(Promise.scala:94)
        at scala.concurrent.Promise.trySuccess$(Promise.scala:94)
        at scala.concurrent.impl.Promise$DefaultPromise.trySuccess(Promise.s
cala:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.sc
ala:225)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(Ne
ttyRpcEnv.scala:239)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$ad
apted(NettyRpcEnv.scala:238)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.Promise.success(Promise.scala:86)
        at scala.concurrent.Promise.success$(Promise.scala:86)
        at scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scal
a:187)
        at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpc
CallContext.scala:50)
        at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCall
Context.scala:32)
        at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAn
dReply$1.applyOrElse(RpcEndpointVerifier.scala:31)
        ... 8 more
25/10/22 01:15:21 WARN Executor: Issue communicating with driver in heartbea
ter
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUt
ils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:
310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:
101)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:
85)
        at org.apache.spark.storage.BlockManagerMaster.registerBlockManager
(BlockManagerMaster.scala:80)
```

```
        at org.apache.spark.storage.BlockManager.reregister(BlockManager.sca
la:642)
        at org.apache.spark.executor.Executor.reportHeartBeat(Executor.scal
a:1223)
        at org.apache.spark.executor.Executor.$anonfun$heartbeater$1(Executo
r.scala:295)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.jav
a:23)
        at org.apache.spark.util.Utils$.logUncaughtExceptions(Utils.scala:19
28)
        at org.apache.spark.Heartbeater$$anon$1.run(Heartbeater.scala:46)
        at java.base/java.util.concurrent.Executors$RunnableAdapter.call(Exe
cutors.java:515)
        at java.base/java.util.concurrent.FutureTask.runAndReset(FutureTask.
java:305)
        at java.base/java.util.concurrent.ScheduledThreadPoolExecutor$Schedu
ledFutureTask.run(ScheduledThreadPoolExecutor.java:305)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(Threa
dPoolExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(Thre
adPoolExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUt
ils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:
310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:10
2)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoin
t$lzycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEnd
point.scala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$1(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.
scala:725)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$rece
iveAndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:1
03)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty
$MessageLoop$$receiveLoop(MessageLoop.scala:75)
        at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.sc
ala:41)
        ... 3 more
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find en
```

```
dpoint: spark://CoarseGrainedScheduler@mac.home:59840
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.sc
ala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:
33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:
33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingEx
ecutor.scala:67)
        at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingEx
ecutor.scala:82)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.jav
a:23)
        at scala.concurrent.BlockContext$.withBlockContext(BlockContext.scal
a:85)
        at scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scal
```

```
a:59)
        at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecut
e(Future.scala:875)
        at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:
110)
        at scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scal
a:107)
        at scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.
scala:873)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.trySuccess(Promise.scala:94)
        at scala.concurrent.Promise.trySuccess$(Promise.scala:94)
        at scala.concurrent.impl.Promise$DefaultPromise.trySuccess(Promise.s
cala:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.sc
ala:225)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(Ne
ttyRpcEnv.scala:239)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$ad
apted(NettyRpcEnv.scala:238)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.Promise.success(Promise.scala:86)
        at scala.concurrent.Promise.success$(Promise.scala:86)
        at scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scal
a:187)
        at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpc
CallContext.scala:50)
        at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCall
Context.scala:32)
        at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAn
dReply$1.applyOrElse(RpcEndpointVerifier.scala:31)
        ... 8 more
25/10/22 01:47:58 ERROR Inbox: Ignoring error
```

```
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUt
ils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:
310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:10
2)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoin
t$lzycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEnd
point.scala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$1(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.
scala:725)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$rece
iveAndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:1
03)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty
$MessageLoop$$receiveLoop(MessageLoop.scala:75)
        at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.sc
ala:41)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(Threa
dPoolExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(Thre
adPoolExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find en
dpoint: spark://CoarseGrainedScheduler@mac.home:59840
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.sc
ala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
```

```
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:
33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:
33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingEx
ecutor.scala:67)
        at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingEx
ecutor.scala:82)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.jav
a:23)
        at scala.concurrent.BlockContext$.withBlockContext(BlockContext.scal
a:85)
        at scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scal
a:59)
        at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecut
e(Future.scala:875)
        at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:
110)
        at scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scal
a:107)
        at scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.
scala:873)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.trySuccess(Promise.scala:94)
```

```
        at scala.concurrent.Promise.trySuccess$(Promise.scala:94)
        at scala.concurrent.impl.Promise$DefaultPromise.trySuccess(Promise.s
cala:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.sc
ala:225)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(Ne
ttyRpcEnv.scala:239)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$ad
apted(NettyRpcEnv.scala:238)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.Promise.success(Promise.scala:86)
        at scala.concurrent.Promise.success$(Promise.scala:86)
        at scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scal
a:187)
        at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpc
CallContext.scala:50)
        at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCall
Context.scala:32)
        at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAn
dReply$1.applyOrElse(RpcEndpointVerifier.scala:31)
        ... 8 more
25/10/22 01:47:58 WARN Executor: Issue communicating with driver in heartbea
ter
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUt
ils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:
310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:
101)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:
85)
        at org.apache.spark.storage.BlockManagerMaster.registerBlockManager
(BlockManagerMaster.scala:80)
        at org.apache.spark.storage.BlockManager.reregister(BlockManager.sca
la:642)
        at org.apache.spark.executor.Executor.reportHeartBeat(Executor.scal
a:1223)
        at org.apache.spark.executor.Executor.$anonfun$heartbeater$1(Executo
```

```
        r.scala:295)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.jav
a:23)
        at org.apache.spark.util.Utils$.logUncaughtExceptions(Utils.scala:19
28)
        at org.apache.spark.Heartbeater$$anon$1.run(Heartbeater.scala:46)
        at java.base/java.util.concurrent.Executors$RunnableAdapter.call(Exe
cutors.java:515)
        at java.base/java.util.concurrent.FutureTask.runAndReset(FutureTask.
java:305)
        at java.base/java.util.concurrent.ScheduledThreadPoolExecutor$Schedu
ledFutureTask.run(ScheduledThreadPoolExecutor.java:305)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(Threa
dPoolExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(Thre
adPoolExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUt
ils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:
310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:10
2)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoin
t$lzycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEnd
point.scala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$1(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.
scala:725)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$rece
iveAndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:1
03)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty
$MessageLoop$$receiveLoop(MessageLoop.scala:75)
        at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.sc
ala:41)
        ... 3 more
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find en
dpoint: spark://CoarseGrainedScheduler@mac.home:59840
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1$adapted(NettyRpcEnv.scala:144)
```

```
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.sc
ala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:
33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:
33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingEx
ecutor.scala:67)
        at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingEx
ecutor.scala:82)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.jav
a:23)
        at scala.concurrent.BlockContext$.withBlockContext(BlockContext.scal
a:85)
        at scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scal
a:59)
        at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecut
e(Future.scala:875)
        at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:
110)
```

```
        at scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scal
a:107)
        at scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.
scala:873)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.trySuccess(Promise.scala:94)
        at scala.concurrent.Promise.trySuccess$(Promise.scala:94)
        at scala.concurrent.impl.Promise$DefaultPromise.trySuccess(Promise.s
cala:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.sc
ala:225)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(Ne
ttyRpcEnv.scala:239)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$ad
apted(NettyRpcEnv.scala:238)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.Promise.success(Promise.scala:86)
        at scala.concurrent.Promise.success$(Promise.scala:86)
        at scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scal
a:187)
        at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpc
CallContext.scala:50)
        at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCall
Context.scala:32)
        at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAn
dReply$1.applyOrElse(RpcEndpointVerifier.scala:31)
        ... 8 more
25/10/22 02:23:20 ERROR Inbox: Ignoring error
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUt
ils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:
310)
```

```
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:10
2)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoin
t$lzycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEnd
point.scala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$1(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.
scala:725)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$rece
iveAndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:1
03)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty
$MessageLoop$$receiveLoop(MessageLoop.scala:75)
        at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.sc
ala:41)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(Threa
dPoolExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(Thre
adPoolExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find en
dpoint: spark://CoarseGrainedScheduler@mac.home:59840
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.sc
ala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
```

```
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:
33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:
33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingEx
ecutor.scala:67)
        at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingEx
ecutor.scala:82)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.jav
a:23)
        at scala.concurrent.BlockContext$.withBlockContext(BlockContext.scal
a:85)
        at scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scal
a:59)
        at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecut
e(Future.scala:875)
        at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:
110)
        at scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scal
a:107)
        at scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.
scala:873)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.trySuccess(Promise.scala:94)
        at scala.concurrent.Promise.trySuccess$(Promise.scala:94)
        at scala.concurrent.impl.Promise$DefaultPromise.trySuccess(Promise.s
cala:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.sc
ala:225)
```

```
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(Ne
ttyRpcEnv.scala:239)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$ad
apted(NettyRpcEnv.scala:238)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.Promise.success(Promise.scala:86)
        at scala.concurrent.Promise.success$(Promise.scala:86)
        at scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scal
a:187)
        at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpc
CallContext.scala:50)
        at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCall
Context.scala:32)
        at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAn
dReply$1.applyOrElse(RpcEndpointVerifier.scala:31)
        ... 8 more
25/10/22 02:23:20 WARN Executor: Issue communicating with driver in heartbea
ter
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUt
ils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:
310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:
101)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:
85)
        at org.apache.spark.storage.BlockManagerMaster.registerBlockManager
(BlockManagerMaster.scala:80)
        at org.apache.spark.storage.BlockManager.reregister(BlockManager.sca
la:642)
        at org.apache.spark.executor.Executor.reportHeartBeat(Executor.scal
a:1223)
        at org.apache.spark.executor.Executor.$anonfun$heartbeater$1(Executo
r.scala:295)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.jav
a:23)
        at org.apache.spark.util.Utils$.logUncaughtExceptions(Utils.scala:19
28)
```

```
        at org.apache.spark.Heartbeater$$anon$1.run(Heartbeater.scala:46)
        at java.base/java.util.concurrent.Executors$RunnableAdapter.call(Exe
cutors.java:515)
        at java.base/java.util.concurrent.FutureTask.runAndReset(FutureTask.
java:305)
        at java.base/java.util.concurrent.ScheduledThreadPoolExecutor$Schedu
ledFutureTask.run(ScheduledThreadPoolExecutor.java:305)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(Threa
dPoolExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(Thre
adPoolExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUt
ils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:
310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:10
2)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoin
t$lzycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEnd
point.scala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$1(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.
scala:725)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$rece
iveAndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:1
03)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty
$MessageLoop$$receiveLoop(MessageLoop.scala:75)
        at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.sc
ala:41)
        ... 3 more
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find en
dpoint: spark://CoarseGrainedScheduler@mac.home:59840
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.sc
ala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
```

```
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:
33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:
33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingEx
ecutor.scala:67)
        at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingEx
ecutor.scala:82)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.jav
a:23)
        at scala.concurrent.BlockContext$.withBlockContext(BlockContext.scal
a:85)
        at scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scal
a:59)
        at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecut
e(Future.scala:875)
        at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:
110)
        at scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scal
a:107)
        at scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.
scala:873)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
```

```
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.trySuccess(Promise.scala:94)
        at scala.concurrent.Promise.trySuccess$(Promise.scala:94)
        at scala.concurrent.impl.Promise$DefaultPromise.trySuccess(Promise.s
cala:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.sc
ala:225)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(Ne
ttyRpcEnv.scala:239)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$ad
apted(NettyRpcEnv.scala:238)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.Promise.success(Promise.scala:86)
        at scala.concurrent.Promise.success$(Promise.scala:86)
        at scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scal
a:187)
        at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpc
CallContext.scala:50)
        at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCall
Context.scala:32)
        at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAn
dReply$1.applyOrElse(RpcEndpointVerifier.scala:31)
        ... 8 more
25/10/22 02:56:00 ERROR Inbox: Ignoring error
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUt
ils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:
310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:10
2)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
```

```
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoin
t$lzycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEnd
point.scala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$1(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.
scala:725)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$rece
iveAndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:1
03)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty
$MessageLoop$$receiveLoop(MessageLoop.scala:75)
        at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.sc
ala:41)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(Threa
dPoolExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(Thre
adPoolExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find en
dpoint: spark://CoarseGrainedScheduler@mac.home:59840
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.sc
ala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:
33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
```

```
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:
33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingEx
ecutor.scala:67)
        at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingEx
ecutor.scala:82)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.jav
a:23)
        at scala.concurrent.BlockContext$.withBlockContext(BlockContext.scal
a:85)
        at scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scal
a:59)
        at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecut
e(Future.scala:875)
        at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:
110)
        at scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scal
a:107)
        at scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.
scala:873)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.trySuccess(Promise.scala:94)
        at scala.concurrent.Promise.trySuccess$(Promise.scala:94)
        at scala.concurrent.impl.Promise$DefaultPromise.trySuccess(Promise.s
cala:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.sc
ala:225)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(Ne
ttyRpcEnv.scala:239)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$ad
apted(NettyRpcEnv.scala:238)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
```

```
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.Promise.success(Promise.scala:86)
        at scala.concurrent.Promise.success$(Promise.scala:86)
        at scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scal
a:187)
        at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpc
CallContext.scala:50)
        at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCall
Context.scala:32)
        at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAn
dReply$1.applyOrElse(RpcEndpointVerifier.scala:31)
        ... 8 more
25/10/22 02:56:00 WARN Executor: Issue communicating with driver in heartbea
ter
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUt
ils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:
310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:
101)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:
85)
        at org.apache.spark.storage.BlockManagerMaster.registerBlockManager
(BlockManagerMaster.scala:80)
        at org.apache.spark.storage.BlockManager.reregister(BlockManager.sca
la:642)
        at org.apache.spark.executor.Executor.reportHeartBeat(Executor.scal
a:1223)
        at org.apache.spark.executor.Executor.$anonfun$heartbeater$1(Executo
r.scala:295)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.jav
a:23)
        at org.apache.spark.util.Utils$.logUncaughtExceptions(Utils.scala:19
28)
        at org.apache.spark.Heartbeater$$anon$1.run(Heartbeater.scala:46)
        at java.base/java.util.concurrent.Executors$RunnableAdapter.call(Exe
cutors.java:515)
        at java.base/java.util.concurrent.FutureTask.runAndReset(FutureTask.
java:305)
```

```
        at java.base/java.util.concurrent.ScheduledThreadPoolExecutor$Schedu
ledFutureTask.run(ScheduledThreadPoolExecutor.java:305)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(Threa
dPoolExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(Thre
adPoolExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUt
ils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:
310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:10
2)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoin
t$lzycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEnd
point.scala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$1(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.
scala:725)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$rece
iveAndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:1
03)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty
$MessageLoop$$receiveLoop(MessageLoop.scala:75)
        at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.sc
ala:41)
        ... 3 more
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find en
dpoint: spark://CoarseGrainedScheduler@mac.home:59840
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.sc
ala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
```

```
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:
33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:
33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingEx
ecutor.scala:67)
        at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingEx
ecutor.scala:82)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.jav
a:23)
        at scala.concurrent.BlockContext$.withBlockContext(BlockContext.scal
a:85)
        at scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scal
a:59)
        at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecut
e(Future.scala:875)
        at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:
110)
        at scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scal
a:107)
        at scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.
scala:873)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
```

```
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.trySuccess(Promise.scala:94)
        at scala.concurrent.Promise.trySuccess$(Promise.scala:94)
        at scala.concurrent.impl.Promise$DefaultPromise.trySuccess(Promise.s
cala:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.sc
ala:225)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(Ne
ttyRpcEnv.scala:239)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$ad
apted(NettyRpcEnv.scala:238)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.Promise.success(Promise.scala:86)
        at scala.concurrent.Promise.success$(Promise.scala:86)
        at scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scal
a:187)
        at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpc
CallContext.scala:50)
        at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCall
Context.scala:32)
        at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAn
dReply$1.applyOrElse(RpcEndpointVerifier.scala:31)
        ... 8 more
25/10/22 03:24:52 ERROR Inbox: Ignoring error
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUt
ils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:
310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:10
2)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoin
t$lzycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEnd
point.scala:123)
```

```
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$1(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.
scala:725)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$rece
iveAndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:1
03)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty
$MessageLoop$$receiveLoop(MessageLoop.scala:75)
        at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.sc
ala:41)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(Threa
dPoolExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(Thre
adPoolExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find en
dpoint: spark://CoarseGrainedScheduler@mac.home:59840
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.sc
ala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:
33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
```

```
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:
33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingEx
ecutor.scala:67)
        at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingEx
ecutor.scala:82)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.jav
a:23)
        at scala.concurrent.BlockContext$.withBlockContext(BlockContext.scal
a:85)
        at scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scal
a:59)
        at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecut
e(Future.scala:875)
        at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:
110)
        at scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scal
a:107)
        at scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.
scala:873)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.trySuccess(Promise.scala:94)
        at scala.concurrent.Promise.trySuccess$(Promise.scala:94)
        at scala.concurrent.impl.Promise$DefaultPromise.trySuccess(Promise.s
cala:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.sc
ala:225)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(Ne
ttyRpcEnv.scala:239)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$ad
apted(NettyRpcEnv.scala:238)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
```

```
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.Promise.success(Promise.scala:86)
        at scala.concurrent.Promise.success$(Promise.scala:86)
        at scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scal
a:187)
        at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpc
CallContext.scala:50)
        at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCall
Context.scala:32)
        at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAn
dReply$1.applyOrElse(RpcEndpointVerifier.scala:31)
        ... 8 more
25/10/22 03:24:52 WARN Executor: Issue communicating with driver in heartbea
ter
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUt
ils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:
310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:
101)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:
85)
        at org.apache.spark.storage.BlockManagerMaster.registerBlockManager
(BlockManagerMaster.scala:80)
        at org.apache.spark.storage.BlockManager.reregister(BlockManager.sca
la:642)
        at org.apache.spark.executor.Executor.reportHeartBeat(Executor.scal
a:1223)
        at org.apache.spark.executor.Executor.$anonfun$heartbeater$1(Executo
r.scala:295)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.jav
a:23)
        at org.apache.spark.util.Utils$.logUncaughtExceptions(Utils.scala:19
28)
        at org.apache.spark.Heartbeater$$anon$1.run(Heartbeater.scala:46)
        at java.base/java.util.concurrent.Executors$RunnableAdapter.call(Exe
cutors.java:515)
        at java.base/java.util.concurrent.FutureTask.runAndReset(FutureTask.
java:305)
        at java.base/java.util.concurrent.ScheduledThreadPoolExecutor$Schedu
ledFutureTask.run(ScheduledThreadPoolExecutor.java:305)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(Threa
dPoolExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(Thre
```

```
adPoolExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUt
ils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:
310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:10
2)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoin
t$lzycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEnd
point.scala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$1(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.
scala:725)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$rece
iveAndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:1
03)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty
$MessageLoop$$receiveLoop(MessageLoop.scala:75)
        at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.sc
ala:41)
        ... 3 more
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find en
dpoint: spark://CoarseGrainedScheduler@mac.home:59840
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.sc
ala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
```

```
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:
33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:
33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingEx
ecutor.scala:67)
        at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingEx
ecutor.scala:82)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.jav
a:23)
        at scala.concurrent.BlockContext$.withBlockContext(BlockContext.scal
a:85)
        at scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scal
a:59)
        at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecut
e(Future.scala:875)
        at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:
110)
        at scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scal
a:107)
        at scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.
scala:873)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.trySuccess(Promise.scala:94)
        at scala.concurrent.Promise.trySuccess$(Promise.scala:94)
        at scala.concurrent.impl.Promise$DefaultPromise.trySuccess(Promise.s
```

```
cala:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.sc
ala:225)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(Ne
ttyRpcEnv.scala:239)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$ad
apted(NettyRpcEnv.scala:238)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.Promise.success(Promise.scala:86)
        at scala.concurrent.Promise.success$(Promise.scala:86)
        at scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scal
a:187)
        at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpc
CallContext.scala:50)
        at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCall
Context.scala:32)
        at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAn
dReply$1.applyOrElse(RpcEndpointVerifier.scala:31)
        ... 8 more
25/10/22 03:40:39 ERROR Inbox: Ignoring error
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUt
ils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:
310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:10
2)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoin
t$lzycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEnd
point.scala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$1(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
```

```
ark$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.
scala:725)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$rece
iveAndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:1
03)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty
$MessageLoop$$receiveLoop(MessageLoop.scala:75)
        at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.sc
ala:41)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(Threa
dPoolExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(Thre
adPoolExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find en
dpoint: spark://CoarseGrainedScheduler@mac.home:59840
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.sc
ala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:
33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
```

```
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:
33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingEx
ecutor.scala:67)
        at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingEx
ecutor.scala:82)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.jav
a:23)
        at scala.concurrent.BlockContext$.withBlockContext(BlockContext.scal
a:85)
        at scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scal
a:59)
        at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecut
e(Future.scala:875)
        at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:
110)
        at scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scal
a:107)
        at scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.
scala:873)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.trySuccess(Promise.scala:94)
        at scala.concurrent.Promise.trySuccess$(Promise.scala:94)
        at scala.concurrent.impl.Promise$DefaultPromise.trySuccess(Promise.s
cala:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.sc
ala:225)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(Ne
ttyRpcEnv.scala:239)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$ad
apted(NettyRpcEnv.scala:238)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
```

```
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.Promise.success(Promise.scala:86)
        at scala.concurrent.Promise.success$(Promise.scala:86)
        at scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scal
a:187)
        at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpc
CallContext.scala:50)
        at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCall
Context.scala:32)
        at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAn
dReply$1.applyOrElse(RpcEndpointVerifier.scala:31)
        ... 8 more
25/10/22 03:40:39 WARN Executor: Issue communicating with driver in heartbea
ter
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUt
ils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:
310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:
101)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:
85)
        at org.apache.spark.storage.BlockManagerMaster.registerBlockManager
(BlockManagerMaster.scala:80)
        at org.apache.spark.storage.BlockManager.reregister(BlockManager.sca
la:642)
        at org.apache.spark.executor.Executor.reportHeartBeat(Executor.scal
a:1223)
        at org.apache.spark.executor.Executor.$anonfun$heartbeater$1(Executo
r.scala:295)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.jav
a:23)
        at org.apache.spark.util.Utils$.logUncaughtExceptions(Utils.scala:19
28)
        at org.apache.spark.Heartbeater$$anon$1.run(Heartbeater.scala:46)
        at java.base/java.util.concurrent.Executors$RunnableAdapter.call(Exe
cutors.java:515)
        at java.base/java.util.concurrent.FutureTask.runAndReset(FutureTask.
java:305)
        at java.base/java.util.concurrent.ScheduledThreadPoolExecutor$Schedu
ledFutureTask.run(ScheduledThreadPoolExecutor.java:305)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(Threa
dPoolExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(Thre
adPoolExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUt
ils.scala:56)
```

```
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:
310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:10
2)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoin
t$lzycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEnd
point.scala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$1(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.
scala:725)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$rece
iveAndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:1
03)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty
$MessageLoop$$receiveLoop(MessageLoop.scala:75)
        at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.sc
ala:41)
        ... 3 more
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find en
dpoint: spark://CoarseGrainedScheduler@mac.home:59840
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.sc
ala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
```

```
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:
33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:
33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingEx
ecutor.scala:67)
        at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingEx
ecutor.scala:82)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.jav
a:23)
        at scala.concurrent.BlockContext$.withBlockContext(BlockContext.scal
a:85)
        at scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scal
a:59)
        at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecut
e(Future.scala:875)
        at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:
110)
        at scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scal
a:107)
        at scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.
scala:873)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.trySuccess(Promise.scala:94)
        at scala.concurrent.Promise.trySuccess$(Promise.scala:94)
        at scala.concurrent.impl.Promise$DefaultPromise.trySuccess(Promise.s
cala:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.sc
ala:225)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(Ne
ttyRpcEnv.scala:239)
```

```
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$ad
apted(NettyRpcEnv.scala:238)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.Promise.success(Promise.scala:86)
        at scala.concurrent.Promise.success$(Promise.scala:86)
        at scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scal
a:187)
        at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpc
CallContext.scala:50)
        at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCall
Context.scala:32)
        at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAn
dReply$1.applyOrElse(RpcEndpointVerifier.scala:31)
        ... 8 more
25/10/22 04:13:03 ERROR Inbox: Ignoring error
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUt
ils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:
310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:10
2)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoin
t$lzycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEnd
point.scala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$1(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.
scala:725)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$rece
iveAndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:1
```

```
03)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty
$MessageLoop$$receiveLoop(MessageLoop.scala:75)
        at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.sc
ala:41)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(Threa
dPoolExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(Thre
adPoolExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find en
dpoint: spark://CoarseGrainedScheduler@mac.home:59840
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.sc
ala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:
33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
```

```
la:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:
33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingEx
ecutor.scala:67)
        at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingEx
ecutor.scala:82)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.jav
a:23)
        at scala.concurrent.BlockContext$.withBlockContext(BlockContext.scal
a:85)
        at scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scal
a:59)
        at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecut
e(Future.scala:875)
        at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:
110)
        at scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scal
a:107)
        at scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.
scala:873)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.trySuccess(Promise.scala:94)
        at scala.concurrent.Promise.trySuccess$(Promise.scala:94)
        at scala.concurrent.impl.Promise$DefaultPromise.trySuccess(Promise.s
cala:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.sc
ala:225)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(Ne
ttyRpcEnv.scala:239)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$ad
apted(NettyRpcEnv.scala:238)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
```

```
la:187)
        at scala.concurrent.Promise.success(Promise.scala:86)
        at scala.concurrent.Promise.success$(Promise.scala:86)
        at scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scal
a:187)
        at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpc
CallContext.scala:50)
        at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCall
Context.scala:32)
        at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAn
dReply$1.applyOrElse(RpcEndpointVerifier.scala:31)
        ... 8 more
25/10/22 04:13:03 WARN Executor: Issue communicating with driver in heartbea
ter
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUt
ils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:
310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:
101)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:
85)
        at org.apache.spark.storage.BlockManagerMaster.registerBlockManager
(BlockManagerMaster.scala:80)
        at org.apache.spark.storage.BlockManager.reregister(BlockManager.sca
la:642)
        at org.apache.spark.executor.Executor.reportHeartBeat(Executor.scal
a:1223)
        at org.apache.spark.executor.Executor.$anonfun$heartbeater$1(Executo
r.scala:295)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.jav
a:23)
        at org.apache.spark.util.Utils$.logUncaughtExceptions(Utils.scala:19
28)
        at org.apache.spark.Heartbeater$$anon$1.run(Heartbeater.scala:46)
        at java.base/java.util.concurrent.Executors$RunnableAdapter.call(Exe
cutors.java:515)
        at java.base/java.util.concurrent.FutureTask.runAndReset(FutureTask.
java:305)
        at java.base/java.util.concurrent.ScheduledThreadPoolExecutor$Schedu
ledFutureTask.run(ScheduledThreadPoolExecutor.java:305)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(Threa
dPoolExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(Thre
adPoolExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUt
ils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:
310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:10
2)
```

```
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoin
t$lzycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEnd
point.scala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$1(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.
scala:725)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$rece
iveAndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:1
03)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty
$MessageLoop$$receiveLoop(MessageLoop.scala:75)
        at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.sc
ala:41)
        ... 3 more
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find en
dpoint: spark://CoarseGrainedScheduler@mac.home:59840
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.sc
ala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:
33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
```

```
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:
33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingEx
ecutor.scala:67)
        at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingEx
ecutor.scala:82)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.jav
a:23)
        at scala.concurrent.BlockContext$.withBlockContext(BlockContext.scal
a:85)
        at scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scal
a:59)
        at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecut
e(Future.scala:875)
        at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:
110)
        at scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scal
a:107)
        at scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.
scala:873)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.trySuccess(Promise.scala:94)
        at scala.concurrent.Promise.trySuccess$(Promise.scala:94)
        at scala.concurrent.impl.Promise$DefaultPromise.trySuccess(Promise.s
cala:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.sc
ala:225)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(Ne
ttyRpcEnv.scala:239)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$ad
apted(NettyRpcEnv.scala:238)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
```

```
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.Promise.success(Promise.scala:86)
        at scala.concurrent.Promise.success$(Promise.scala:86)
        at scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scal
a:187)
        at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpc
CallContext.scala:50)
        at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCall
Context.scala:32)
        at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAn
dReply$1.applyOrElse(RpcEndpointVerifier.scala:31)
        ... 8 more
25/10/22 04:47:41 ERROR Inbox: Ignoring error
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUt
ils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:
310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:10
2)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoin
t$lzycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEnd
point.scala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$1(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.
scala:725)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$rece
iveAndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:1
03)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty
$MessageLoop$$receiveLoop(MessageLoop.scala:75)
```

```
        at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.sc
ala:41)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(Threa
dPoolExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(Thre
adPoolExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find en
dpoint: spark://CoarseGrainedScheduler@mac.home:59840
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.sc
ala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:
33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:
33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingEx
```

```
ecutor.scala:67)
        at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingEx
ecutor.scala:82)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.jav
a:23)
        at scala.concurrent.BlockContext$.withBlockContext(BlockContext.scal
a:85)
        at scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scal
a:59)
        at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecut
e(Future.scala:875)
        at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:
110)
        at scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scal
a:107)
        at scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.
scala:873)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.trySuccess(Promise.scala:94)
        at scala.concurrent.Promise.trySuccess$(Promise.scala:94)
        at scala.concurrent.impl.Promise$DefaultPromise.trySuccess(Promise.s
cala:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.sc
ala:225)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(Ne
ttyRpcEnv.scala:239)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$ad
apted(NettyRpcEnv.scala:238)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.Promise.success(Promise.scala:86)
        at scala.concurrent.Promise.success$(Promise.scala:86)
        at scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scal
a:187)
```

```
        at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpc
CallContext.scala:50)
        at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCall
Context.scala:32)
        at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAn
dReply$1.applyOrElse(RpcEndpointVerifier.scala:31)
        ... 8 more
25/10/22 04:47:41 WARN Executor: Issue communicating with driver in heartbea
ter
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUt
ils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:
310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:
101)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:
85)
        at org.apache.spark.storage.BlockManagerMaster.registerBlockManager
(BlockManagerMaster.scala:80)
        at org.apache.spark.storage.BlockManager.reregister(BlockManager.sca
la:642)
        at org.apache.spark.executor.Executor.reportHeartBeat(Executor.scal
a:1223)
        at org.apache.spark.executor.Executor.$anonfun$heartbeater$1(Executo
r.scala:295)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.jav
a:23)
        at org.apache.spark.util.Utils$.logUncaughtExceptions(Utils.scala:19
28)
        at org.apache.spark.Heartbeater$$anon$1.run(Heartbeater.scala:46)
        at java.base/java.util.concurrent.Executors$RunnableAdapter.call(Exe
cutors.java:515)
        at java.base/java.util.concurrent.FutureTask.runAndReset(FutureTask.
java:305)
        at java.base/java.util.concurrent.ScheduledThreadPoolExecutor$Schedu
ledFutureTask.run(ScheduledThreadPoolExecutor.java:305)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(Threa
dPoolExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(Thre
adPoolExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUt
ils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:
310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:10
2)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoin
t$lzycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
```

```
ark$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEnd
point.scala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$1(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.
scala:725)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$rece
iveAndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:1
03)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty
$MessageLoop$$receiveLoop(MessageLoop.scala:75)
        at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.sc
ala:41)
        ... 3 more
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find en
dpoint: spark://CoarseGrainedScheduler@mac.home:59840
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.sc
ala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:
33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
```

```
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:
33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingEx
ecutor.scala:67)
        at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingEx
ecutor.scala:82)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.jav
a:23)
        at scala.concurrent.BlockContext$.withBlockContext(BlockContext.scal
a:85)
        at scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scal
a:59)
        at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecut
e(Future.scala:875)
        at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:
110)
        at scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scal
a:107)
        at scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.
scala:873)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.trySuccess(Promise.scala:94)
        at scala.concurrent.Promise.trySuccess$(Promise.scala:94)
        at scala.concurrent.impl.Promise$DefaultPromise.trySuccess(Promise.s
cala:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.sc
ala:225)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(Ne
ttyRpcEnv.scala:239)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$ad
apted(NettyRpcEnv.scala:238)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
```

```
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.Promise.success(Promise.scala:86)
        at scala.concurrent.Promise.success$(Promise.scala:86)
        at scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scal
a:187)
        at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpc
CallContext.scala:50)
        at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCall
Context.scala:32)
        at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAn
dReply$1.applyOrElse(RpcEndpointVerifier.scala:31)
        ... 8 more
25/10/22 05:20:37 ERROR Inbox: Ignoring error
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUt
ils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:
310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:10
2)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoin
t$lzycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEnd
point.scala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$1(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.
scala:725)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$rece
iveAndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:1
03)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty
$MessageLoop$$receiveLoop(MessageLoop.scala:75)
        at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.sc
ala:41)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(Threa
dPoolExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(Thre
```

```
adPoolExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find en
dpoint: spark://CoarseGrainedScheduler@mac.home:59840
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.sc
ala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:
33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:
33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingEx
ecutor.scala:67)
        at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingEx
ecutor.scala:82)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.jav
a:23)
```

```
        at scala.concurrent.BlockContext$.withBlockContext(BlockContext.scal
a:85)
        at scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scal
a:59)
        at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecut
e(Future.scala:875)
        at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:
110)
        at scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scal
a:107)
        at scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.
scala:873)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.trySuccess(Promise.scala:94)
        at scala.concurrent.Promise.trySuccess$(Promise.scala:94)
        at scala.concurrent.impl.Promise$DefaultPromise.trySuccess(Promise.s
cala:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.sc
ala:225)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(Ne
ttyRpcEnv.scala:239)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$ad
apted(NettyRpcEnv.scala:238)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.Promise.success(Promise.scala:86)
        at scala.concurrent.Promise.success$(Promise.scala:86)
        at scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scal
a:187)
        at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpc
CallContext.scala:50)
        at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCall
Context.scala:32)
        at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAn
```

```
dReply$1.applyOrElse(RpcEndpointVerifier.scala:31)
        ... 8 more
25/10/22 05:20:37 WARN Executor: Issue communicating with driver in heartbea
ter
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUt
ils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:
310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:
101)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:
85)
        at org.apache.spark.storage.BlockManagerMaster.registerBlockManager
(BlockManagerMaster.scala:80)
        at org.apache.spark.storage.BlockManager.reregister(BlockManager.sca
la:642)
        at org.apache.spark.executor.Executor.reportHeartBeat(Executor.scal
a:1223)
        at org.apache.spark.executor.Executor.$anonfun$heartbeater$1(Executo
r.scala:295)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.jav
a:23)
        at org.apache.spark.util.Utils$.logUncaughtExceptions(Utils.scala:19
28)
        at org.apache.spark.Heartbeater$$anon$1.run(Heartbeater.scala:46)
        at java.base/java.util.concurrent.Executors$RunnableAdapter.call(Exe
cutors.java:515)
        at java.base/java.util.concurrent.FutureTask.runAndReset(FutureTask.
java:305)
        at java.base/java.util.concurrent.ScheduledThreadPoolExecutor$Schedu
ledFutureTask.run(ScheduledThreadPoolExecutor.java:305)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(Threa
dPoolExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(Thre
adPoolExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUt
ils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:
310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:10
2)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoin
t$lzycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEnd
point.scala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
```

```
ve$1(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.
scala:725)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$rece
iveAndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:1
03)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty
$MessageLoop$$receiveLoop(MessageLoop.scala:75)
        at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.sc
ala:41)
        ... 3 more
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find en
dpoint: spark://CoarseGrainedScheduler@mac.home:59840
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.sc
ala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:
33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
```

```
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:
33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingEx
ecutor.scala:67)
        at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingEx
ecutor.scala:82)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.jav
a:23)
        at scala.concurrent.BlockContext$.withBlockContext(BlockContext.scal
a:85)
        at scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scal
a:59)
        at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecut
e(Future.scala:875)
        at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:
110)
        at scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scal
a:107)
        at scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.
scala:873)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.trySuccess(Promise.scala:94)
        at scala.concurrent.Promise.trySuccess$(Promise.scala:94)
        at scala.concurrent.impl.Promise$DefaultPromise.trySuccess(Promise.s
cala:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.sc
ala:225)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(Ne
ttyRpcEnv.scala:239)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$ad
apted(NettyRpcEnv.scala:238)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
```

```
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.Promise.success(Promise.scala:86)
        at scala.concurrent.Promise.success$(Promise.scala:86)
        at scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scal
a:187)
        at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpc
CallContext.scala:50)
        at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCall
Context.scala:32)
        at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAn
dReply$1.applyOrElse(RpcEndpointVerifier.scala:31)
        ... 8 more
25/10/22 05:40:35 ERROR Inbox: Ignoring error
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUt
ils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:
310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:10
2)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoin
t$lzycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEnd
point.scala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$1(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.
scala:725)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$rece
iveAndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:1
03)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty
$MessageLoop$$receiveLoop(MessageLoop.scala:75)
        at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.sc
ala:41)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(Threa
dPoolExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(Thre
adPoolExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find en
dpoint: spark://CoarseGrainedScheduler@mac.home:59840
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
```

```
tRefByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.sc
ala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:
33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:
33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingEx
ecutor.scala:67)
        at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingEx
ecutor.scala:82)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.jav
a:23)
        at scala.concurrent.BlockContext$.withBlockContext(BlockContext.scal
a:85)
        at scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scal
a:59)
        at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecut
```

```
e(Future.scala:875)
        at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:
110)
        at scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scal
a:107)
        at scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.
scala:873)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.trySuccess(Promise.scala:94)
        at scala.concurrent.Promise.trySuccess$(Promise.scala:94)
        at scala.concurrent.impl.Promise$DefaultPromise.trySuccess(Promise.s
cala:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.sc
ala:225)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(Ne
ttyRpcEnv.scala:239)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$ad
apted(NettyRpcEnv.scala:238)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.Promise.success(Promise.scala:86)
        at scala.concurrent.Promise.success$(Promise.scala:86)
        at scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scal
a:187)
        at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpc
CallContext.scala:50)
        at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCall
Context.scala:32)
        at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAn
dReply$1.applyOrElse(RpcEndpointVerifier.scala:31)
        ... 8 more
25/10/22 05:40:35 WARN Executor: Issue communicating with driver in heartbea
ter
org.apache.spark.SparkException: Exception thrown in awaitResult:
```

```
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUt
ils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:
310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:
101)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:
85)
        at org.apache.spark.storage.BlockManagerMaster.registerBlockManager
(BlockManagerMaster.scala:80)
        at org.apache.spark.storage.BlockManager.reregister(BlockManager.sca
la:642)
        at org.apache.spark.executor.Executor.reportHeartBeat(Executor.scal
a:1223)
        at org.apache.spark.executor.Executor.$anonfun$heartbeater$1(Executo
r.scala:295)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.jav
a:23)
        at org.apache.spark.util.Utils$.logUncaughtExceptions(Utils.scala:19
28)
        at org.apache.spark.Heartbeater$$anon$1.run(Heartbeater.scala:46)
        at java.base/java.util.concurrent.Executors$RunnableAdapter.call(Exe
cutors.java:515)
        at java.base/java.util.concurrent.FutureTask.runAndReset(FutureTask.
java:305)
        at java.base/java.util.concurrent.ScheduledThreadPoolExecutor$Schedu
ledFutureTask.run(ScheduledThreadPoolExecutor.java:305)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(Threa
dPoolExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(Thre
adPoolExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUt
ils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:
310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:10
2)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoin
t$lzycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEnd
point.scala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$1(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.
scala:725)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$rece
```

```
iveAndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:1
03)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty
$MessageLoop$$receiveLoop(MessageLoop.scala:75)
        at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.sc
ala:41)
        ... 3 more
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find en
dpoint: spark://CoarseGrainedScheduler@mac.home:59840
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.sc
ala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:
33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:
```

```
33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingEx
ecutor.scala:67)
        at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingEx
ecutor.scala:82)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.jav
a:23)
        at scala.concurrent.BlockContext$.withBlockContext(BlockContext.scal
a:85)
        at scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scal
a:59)
        at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecut
e(Future.scala:875)
        at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:
110)
        at scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scal
a:107)
        at scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.
scala:873)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.trySuccess(Promise.scala:94)
        at scala.concurrent.Promise.trySuccess$(Promise.scala:94)
        at scala.concurrent.impl.Promise$DefaultPromise.trySuccess(Promise.s
cala:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.sc
ala:225)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(Ne
ttyRpcEnv.scala:239)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$ad
apted(NettyRpcEnv.scala:238)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.Promise.success(Promise.scala:86)
```

```
        at scala.concurrent.Promise.success$(Promise.scala:86)
        at scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scal
a:187)
        at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpc
CallContext.scala:50)
        at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCall
Context.scala:32)
        at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAn
dReply$1.applyOrElse(RpcEndpointVerifier.scala:31)
        ... 8 more
25/10/22 05:58:41 ERROR Inbox: Ignoring error
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUt
ils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:
310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:10
2)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoin
t$lzycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEnd
point.scala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$1(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.
scala:725)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$rece
iveAndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:1
03)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty
$MessageLoop$$receiveLoop(MessageLoop.scala:75)
        at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.sc
ala:41)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(Threa
dPoolExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(Thre
adPoolExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find en
dpoint: spark://CoarseGrainedScheduler@mac.home:59840
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.sc
```

```
ala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:
33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:
33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingEx
ecutor.scala:67)
        at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingEx
ecutor.scala:82)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.jav
a:23)
        at scala.concurrent.BlockContext$.withBlockContext(BlockContext.scal
a:85)
        at scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scal
a:59)
        at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecut
e(Future.scala:875)
        at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:
110)
        at scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scal
a:107)
```

```
        at scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.
scala:873)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.trySuccess(Promise.scala:94)
        at scala.concurrent.Promise.trySuccess$(Promise.scala:94)
        at scala.concurrent.impl.Promise$DefaultPromise.trySuccess(Promise.s
cala:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.sc
ala:225)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(Ne
ttyRpcEnv.scala:239)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$ad
apted(NettyRpcEnv.scala:238)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.Promise.success(Promise.scala:86)
        at scala.concurrent.Promise.success$(Promise.scala:86)
        at scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scal
a:187)
        at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpc
CallContext.scala:50)
        at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCall
Context.scala:32)
        at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAn
dReply$1.applyOrElse(RpcEndpointVerifier.scala:31)
        ... 8 more
25/10/22 05:58:41 WARN Executor: Issue communicating with driver in heartbea
ter
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUt
ils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:
310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
```

```
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:
101)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:
85)
        at org.apache.spark.storage.BlockManagerMaster.registerBlockManager
(BlockManagerMaster.scala:80)
        at org.apache.spark.storage.BlockManager.reregister(BlockManager.sca
la:642)
        at org.apache.spark.executor.Executor.reportHeartBeat(Executor.scal
a:1223)
        at org.apache.spark.executor.Executor.$anonfun$heartbeater$1(Executo
r.scala:295)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.jav
a:23)
        at org.apache.spark.util.Utils$.logUncaughtExceptions(Utils.scala:19
28)
        at org.apache.spark.Heartbeater$$anon$1.run(Heartbeater.scala:46)
        at java.base/java.util.concurrent.Executors$RunnableAdapter.call(Exe
cutors.java:515)
        at java.base/java.util.concurrent.FutureTask.runAndReset(FutureTask.
java:305)
        at java.base/java.util.concurrent.ScheduledThreadPoolExecutor$Schedu
ledFutureTask.run(ScheduledThreadPoolExecutor.java:305)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(Threa
dPoolExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(Thre
adPoolExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUt
ils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:
310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:10
2)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoin
t$lzycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEnd
point.scala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$1(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.
scala:725)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$rece
iveAndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:1
03)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
```

```
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty
$MessageLoop$$receiveLoop(MessageLoop.scala:75)
        at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.sc
ala:41)
        ... 3 more
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find en
dpoint: spark://CoarseGrainedScheduler@mac.home:59840
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.sc
ala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:
33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:
33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingEx
ecutor.scala:67)
        at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingEx
```

```
ecutor.scala:82)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.jav
a:23)
        at scala.concurrent.BlockContext$.withBlockContext(BlockContext.scal
a:85)
        at scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scal
a:59)
        at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecut
e(Future.scala:875)
        at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:
110)
        at scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scal
a:107)
        at scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.
scala:873)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.trySuccess(Promise.scala:94)
        at scala.concurrent.Promise.trySuccess$(Promise.scala:94)
        at scala.concurrent.impl.Promise$DefaultPromise.trySuccess(Promise.s
cala:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.sc
ala:225)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(Ne
ttyRpcEnv.scala:239)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$ad
apted(NettyRpcEnv.scala:238)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.Promise.success(Promise.scala:86)
        at scala.concurrent.Promise.success$(Promise.scala:86)
        at scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scal
a:187)
        at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpc
CallContext.scala:50)
```

```
        at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCall
Context.scala:32)
        at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAn
dReply$1.applyOrElse(RpcEndpointVerifier.scala:31)
        ... 8 more
25/10/22 06:32:36 ERROR Inbox: Ignoring error
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUt
ils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:
310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:10
2)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoin
t$lzycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEnd
point.scala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$1(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.
scala:725)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$rece
iveAndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:1
03)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty
$MessageLoop$$receiveLoop(MessageLoop.scala:75)
        at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.sc
ala:41)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(Threa
dPoolExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(Thre
adPoolExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find en
dpoint: spark://CoarseGrainedScheduler@mac.home:59840
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.sc
ala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
```

```
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.dispatchOrAddCallbac
k(Promise.scala:316)
        at scala.concurrent.impl.Promise$DefaultPromise.onComplete(Promise.s
cala:307)
        at scala.concurrent.impl.Promise.transformWith(Promise.scala:40)
        at scala.concurrent.impl.Promise.transformWith$(Promise.scala:38)
        at scala.concurrent.impl.Promise$DefaultPromise.transformWith(Promis
e.scala:187)
        at scala.concurrent.Future.flatMap(Future.scala:306)
        at scala.concurrent.Future.flatMap$(Future.scala:306)
        at scala.concurrent.impl.Promise$DefaultPromise.flatMap(Promise.scal
a:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.asyncSetupEndpointRefByURI
(NettyRpcEnv.scala:150)
        ... 17 more
25/10/22 06:32:36 WARN Executor: Issue communicating with driver in heartbea
ter
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUt
ils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:
310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:
101)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:
85)
        at org.apache.spark.storage.BlockManagerMaster.registerBlockManager
(BlockManagerMaster.scala:80)
        at org.apache.spark.storage.BlockManager.reregister(BlockManager.sca
la:642)
        at org.apache.spark.executor.Executor.reportHeartBeat(Executor.scal
a:1223)
        at org.apache.spark.executor.Executor.$anonfun$heartbeater$1(Executo
r.scala:295)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.jav
a:23)
        at org.apache.spark.util.Utils$.logUncaughtExceptions(Utils.scala:19
28)
        at org.apache.spark.Heartbeater$$anon$1.run(Heartbeater.scala:46)
        at java.base/java.util.concurrent.Executors$RunnableAdapter.call(Exe
cutors.java:515)
        at java.base/java.util.concurrent.FutureTask.runAndReset(FutureTask.
java:305)
        at java.base/java.util.concurrent.ScheduledThreadPoolExecutor$Schedu
ledFutureTask.run(ScheduledThreadPoolExecutor.java:305)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(Threa
dPoolExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(Thre
adPoolExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUt
```

```
ils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:
310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:10
2)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoin
t$lzycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEnd
point.scala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$1(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.
scala:725)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$rece
iveAndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:1
03)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty
$MessageLoop$$receiveLoop(MessageLoop.scala:75)
        at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.sc
ala:41)
        ... 3 more
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find en
dpoint: spark://CoarseGrainedScheduler@mac.home:59840
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.sc
ala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.dispatchOrAddCallbac
k(Promise.scala:316)
        at scala.concurrent.impl.Promise$DefaultPromise.onComplete(Promise.s
cala:307)
        at scala.concurrent.impl.Promise.transformWith(Promise.scala:40)
        at scala.concurrent.impl.Promise.transformWith$(Promise.scala:38)
        at scala.concurrent.impl.Promise$DefaultPromise.transformWith(Promis
e.scala:187)
        at scala.concurrent.Future.flatMap(Future.scala:306)
```

```
        at scala.concurrent.Future.flatMap$(Future.scala:306)
        at scala.concurrent.impl.Promise$DefaultPromise.flatMap(Promise.scal
a:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.asyncSetupEndpointRefByURI
(NettyRpcEnv.scala:150)
        ... 17 more
25/10/22 07:06:57 ERROR Inbox: Ignoring error
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUt
ils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:
310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:10
2)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoin
t$lzycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEnd
point.scala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$1(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.
scala:725)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$rece
iveAndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:1
03)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty
$MessageLoop$$receiveLoop(MessageLoop.scala:75)
        at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.sc
ala:41)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(Threa
dPoolExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(Thre
adPoolExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find en
dpoint: spark://CoarseGrainedScheduler@mac.home:59840
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.sc
ala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
```

```
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:
33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:
33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingEx
ecutor.scala:67)
        at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingEx
ecutor.scala:82)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.jav
a:23)
        at scala.concurrent.BlockContext$.withBlockContext(BlockContext.scal
a:85)
        at scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scal
a:59)
        at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecut
e(Future.scala:875)
        at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:
110)
        at scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scal
a:107)
        at scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.
scala:873)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
```

```
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.trySuccess(Promise.scala:94)
        at scala.concurrent.Promise.trySuccess$(Promise.scala:94)
        at scala.concurrent.impl.Promise$DefaultPromise.trySuccess(Promise.s
cala:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.sc
ala:225)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(Ne
ttyRpcEnv.scala:239)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$ad
apted(NettyRpcEnv.scala:238)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.Promise.success(Promise.scala:86)
        at scala.concurrent.Promise.success$(Promise.scala:86)
        at scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scal
a:187)
        at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpc
CallContext.scala:50)
        at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCall
Context.scala:32)
        at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAn
dReply$1.applyOrElse(RpcEndpointVerifier.scala:31)
        ... 8 more
25/10/22 07:06:57 WARN Executor: Issue communicating with driver in heartbea
ter
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUt
ils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:
310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:
101)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:
85)
```

```
        at org.apache.spark.storage.BlockManagerMaster.registerBlockManager
(BlockManagerMaster.scala:80)
        at org.apache.spark.storage.BlockManager.reregister(BlockManager.sca
la:642)
        at org.apache.spark.executor.Executor.reportHeartBeat(Executor.scal
a:1223)
        at org.apache.spark.executor.Executor.$anonfun$heartbeater$1(Executo
r.scala:295)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.jav
a:23)
        at org.apache.spark.util.Utils$.logUncaughtExceptions(Utils.scala:19
28)
        at org.apache.spark.Heartbeater$$anon$1.run(Heartbeater.scala:46)
        at java.base/java.util.concurrent.Executors$RunnableAdapter.call(Exe
cutors.java:515)
        at java.base/java.util.concurrent.FutureTask.runAndReset(FutureTask.
java:305)
        at java.base/java.util.concurrent.ScheduledThreadPoolExecutor$Schedu
ledFutureTask.run(ScheduledThreadPoolExecutor.java:305)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(Threa
dPoolExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(Thre
adPoolExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUt
ils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:
310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:10
2)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoin
t$lzycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEnd
point.scala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$1(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.
scala:725)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$rece
iveAndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:1
03)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty
$MessageLoop$$receiveLoop(MessageLoop.scala:75)
        at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.sc
ala:41)
```

```
        ... 3 more
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find en
dpoint: spark://CoarseGrainedScheduler@mac.home:59840
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.sc
ala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:
33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:
33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingEx
ecutor.scala:67)
        at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingEx
ecutor.scala:82)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.jav
a:23)
        at scala.concurrent.BlockContext$.withBlockContext(BlockContext.scal
```

```
a:85)
        at scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scal
a:59)
        at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecut
e(Future.scala:875)
        at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:
110)
        at scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scal
a:107)
        at scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.
scala:873)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.trySuccess(Promise.scala:94)
        at scala.concurrent.Promise.trySuccess$(Promise.scala:94)
        at scala.concurrent.impl.Promise$DefaultPromise.trySuccess(Promise.s
cala:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.sc
ala:225)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(Ne
ttyRpcEnv.scala:239)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$ad
apted(NettyRpcEnv.scala:238)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.Promise.success(Promise.scala:86)
        at scala.concurrent.Promise.success$(Promise.scala:86)
        at scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scal
a:187)
        at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpc
CallContext.scala:50)
        at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCall
Context.scala:32)
        at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAn
dReply$1.applyOrElse(RpcEndpointVerifier.scala:31)
```

```
        ... 8 more
25/10/22 07:41:36 ERROR Inbox: Ignoring error
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUt
ils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:
310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:10
2)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoin
t$lzycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEnd
point.scala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$1(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.
scala:725)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$rece
iveAndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:1
03)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty
$MessageLoop$$receiveLoop(MessageLoop.scala:75)
        at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.sc
ala:41)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(Threa
dPoolExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(Thre
adPoolExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find en
dpoint: spark://CoarseGrainedScheduler@mac.home:59840
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.sc
ala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
```

```
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:
33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:
33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingEx
ecutor.scala:67)
        at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingEx
ecutor.scala:82)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.jav
a:23)
        at scala.concurrent.BlockContext$.withBlockContext(BlockContext.scal
a:85)
        at scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scal
a:59)
        at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecut
e(Future.scala:875)
        at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:
110)
        at scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scal
a:107)
        at scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.
scala:873)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
```

```
scala:288)
        at scala.concurrent.Promise.trySuccess(Promise.scala:94)
        at scala.concurrent.Promise.trySuccess$(Promise.scala:94)
        at scala.concurrent.impl.Promise$DefaultPromise.trySuccess(Promise.s
cala:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.sc
ala:225)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(Ne
ttyRpcEnv.scala:239)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$ad
apted(NettyRpcEnv.scala:238)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.Promise.success(Promise.scala:86)
        at scala.concurrent.Promise.success$(Promise.scala:86)
        at scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scal
a:187)
        at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpc
CallContext.scala:50)
        at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCall
Context.scala:32)
        at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAn
dReply$1.applyOrElse(RpcEndpointVerifier.scala:31)
        ... 8 more
25/10/22 07:41:36 WARN Executor: Issue communicating with driver in heartbea
ter
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUt
ils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:
310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:
101)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:
85)
        at org.apache.spark.storage.BlockManagerMaster.registerBlockManager
(BlockManagerMaster.scala:80)
        at org.apache.spark.storage.BlockManager.reregister(BlockManager.sca
la:642)
        at org.apache.spark.executor.Executor.reportHeartBeat(Executor.scal
```

```
a:1223)
        at org.apache.spark.executor.Executor.$anonfun$heartbeater$1(Executo
r.scala:295)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.jav
a:23)
        at org.apache.spark.util.Utils$.logUncaughtExceptions(Utils.scala:19
28)
        at org.apache.spark.Heartbeater$$anon$1.run(Heartbeater.scala:46)
        at java.base/java.util.concurrent.Executors$RunnableAdapter.call(Exe
cutors.java:515)
        at java.base/java.util.concurrent.FutureTask.runAndReset(FutureTask.
java:305)
        at java.base/java.util.concurrent.ScheduledThreadPoolExecutor$Schedu
ledFutureTask.run(ScheduledThreadPoolExecutor.java:305)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(Threa
dPoolExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(Thre
adPoolExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUt
ils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:
310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:10
2)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoin
t$lzycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEnd
point.scala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$1(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.
scala:725)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$rece
iveAndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:1
03)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty
$MessageLoop$$receiveLoop(MessageLoop.scala:75)
        at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.sc
ala:41)
        ... 3 more
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find en
dpoint: spark://CoarseGrainedScheduler@mac.home:59840
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1(NettyRpcEnv.scala:148)
```

```
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.sc
ala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:
33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:
33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingEx
ecutor.scala:67)
        at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingEx
ecutor.scala:82)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.jav
a:23)
        at scala.concurrent.BlockContext$.withBlockContext(BlockContext.scal
a:85)
        at scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scal
a:59)
        at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecut
e(Future.scala:875)
```

```
        at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:
110)
        at scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scal
a:107)
        at scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.
scala:873)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.trySuccess(Promise.scala:94)
        at scala.concurrent.Promise.trySuccess$(Promise.scala:94)
        at scala.concurrent.impl.Promise$DefaultPromise.trySuccess(Promise.s
cala:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.sc
ala:225)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(Ne
ttyRpcEnv.scala:239)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$ad
apted(NettyRpcEnv.scala:238)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.Promise.success(Promise.scala:86)
        at scala.concurrent.Promise.success$(Promise.scala:86)
        at scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scal
a:187)
        at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpc
CallContext.scala:50)
        at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCall
Context.scala:32)
        at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAn
dReply$1.applyOrElse(RpcEndpointVerifier.scala:31)
        ... 8 more
25/10/22 07:58:46 ERROR Inbox: Ignoring error
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUt
ils.scala:56)
```

```
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:
310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:10
2)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoin
t$lzycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEnd
point.scala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$1(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.
scala:725)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$rece
iveAndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:1
03)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty
$MessageLoop$$receiveLoop(MessageLoop.scala:75)
        at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.sc
ala:41)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(Threa
dPoolExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(Thre
adPoolExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find en
dpoint: spark://CoarseGrainedScheduler@mac.home:59840
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.sc
ala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.dispatchOrAddCallbac
k(Promise.scala:316)
        at scala.concurrent.impl.Promise$DefaultPromise.onComplete(Promise.s
cala:307)
        at scala.concurrent.impl.Promise.transformWith(Promise.scala:40)
        at scala.concurrent.impl.Promise.transformWith$(Promise.scala:38)
```

```
        at scala.concurrent.impl.Promise$DefaultPromise.transformWith(Promis
e.scala:187)
        at scala.concurrent.Future.flatMap(Future.scala:306)
        at scala.concurrent.Future.flatMap$(Future.scala:306)
        at scala.concurrent.impl.Promise$DefaultPromise.flatMap(Promise.scal
a:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.asyncSetupEndpointRefByURI
(NettyRpcEnv.scala:150)
        ... 17 more
25/10/22 07:58:46 WARN Executor: Issue communicating with driver in heartbea
ter
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUt
ils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:
310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:
101)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:
85)
        at org.apache.spark.storage.BlockManagerMaster.registerBlockManager
(BlockManagerMaster.scala:80)
        at org.apache.spark.storage.BlockManager.reregister(BlockManager.sca
la:642)
        at org.apache.spark.executor.Executor.reportHeartBeat(Executor.scal
a:1223)
        at org.apache.spark.executor.Executor.$anonfun$heartbeater$1(Executo
r.scala:295)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.jav
a:23)
        at org.apache.spark.util.Utils$.logUncaughtExceptions(Utils.scala:19
28)
        at org.apache.spark.Heartbeater$$anon$1.run(Heartbeater.scala:46)
        at java.base/java.util.concurrent.Executors$RunnableAdapter.call(Exe
cutors.java:515)
        at java.base/java.util.concurrent.FutureTask.runAndReset(FutureTask.
java:305)
        at java.base/java.util.concurrent.ScheduledThreadPoolExecutor$Schedu
ledFutureTask.run(ScheduledThreadPoolExecutor.java:305)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(Threa
dPoolExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(Thre
adPoolExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUt
ils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:
310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:10
2)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoin
```

```
t$lzycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEnd
point.scala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$1(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.
scala:725)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$rece
iveAndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:1
03)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty
$MessageLoop$$receiveLoop(MessageLoop.scala:75)
        at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.sc
ala:41)
        ... 3 more
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find en
dpoint: spark://CoarseGrainedScheduler@mac.home:59840
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.sc
ala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.dispatchOrAddCallbac
k(Promise.scala:316)
        at scala.concurrent.impl.Promise$DefaultPromise.onComplete(Promise.s
cala:307)
        at scala.concurrent.impl.Promise.transformWith(Promise.scala:40)
        at scala.concurrent.impl.Promise.transformWith$(Promise.scala:38)
        at scala.concurrent.impl.Promise$DefaultPromise.transformWith(Promis
e.scala:187)
        at scala.concurrent.Future.flatMap(Future.scala:306)
        at scala.concurrent.Future.flatMap$(Future.scala:306)
        at scala.concurrent.impl.Promise$DefaultPromise.flatMap(Promise.scal
a:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.asyncSetupEndpointRefByURI
(NettyRpcEnv.scala:150)
        ... 17 more
25/10/22 08:22:18 ERROR Inbox: Ignoring error
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUt
```

```
ils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:
310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:10
2)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoin
t$lzycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEnd
point.scala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$1(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.
scala:725)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$rece
iveAndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:1
03)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty
$MessageLoop$$receiveLoop(MessageLoop.scala:75)
        at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.sc
ala:41)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(Threa
dPoolExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(Thre
adPoolExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find en
dpoint: spark://CoarseGrainedScheduler@mac.home:59840
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.sc
ala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
```

```
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:
33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:
33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingEx
ecutor.scala:67)
        at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingEx
ecutor.scala:82)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.jav
a:23)
        at scala.concurrent.BlockContext$.withBlockContext(BlockContext.scal
a:85)
        at scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scal
a:59)
        at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecut
e(Future.scala:875)
        at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:
110)
        at scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scal
a:107)
        at scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.
scala:873)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.trySuccess(Promise.scala:94)
        at scala.concurrent.Promise.trySuccess$(Promise.scala:94)
        at scala.concurrent.impl.Promise$DefaultPromise.trySuccess(Promise.s
```

```
cala:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.sc
ala:225)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(Ne
ttyRpcEnv.scala:239)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$ad
apted(NettyRpcEnv.scala:238)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.Promise.success(Promise.scala:86)
        at scala.concurrent.Promise.success$(Promise.scala:86)
        at scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scal
a:187)
        at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpc
CallContext.scala:50)
        at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCall
Context.scala:32)
        at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAn
dReply$1.applyOrElse(RpcEndpointVerifier.scala:31)
        ... 8 more
25/10/22 08:22:18 WARN Executor: Issue communicating with driver in heartbea
ter
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUt
ils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:
310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:
101)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:
85)
        at org.apache.spark.storage.BlockManagerMaster.registerBlockManager
(BlockManagerMaster.scala:80)
        at org.apache.spark.storage.BlockManager.reregister(BlockManager.sca
la:642)
        at org.apache.spark.executor.Executor.reportHeartBeat(Executor.scal
a:1223)
        at org.apache.spark.executor.Executor.$anonfun$heartbeater$1(Executo
r.scala:295)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.jav
```

```
a:23)
        at org.apache.spark.util.Utils$.logUncaughtExceptions(Utils.scala:19
28)
        at org.apache.spark.Heartbeater$$anon$1.run(Heartbeater.scala:46)
        at java.base/java.util.concurrent.Executors$RunnableAdapter.call(Exe
cutors.java:515)
        at java.base/java.util.concurrent.FutureTask.runAndReset(FutureTask.
java:305)
        at java.base/java.util.concurrent.ScheduledThreadPoolExecutor$Schedu
ledFutureTask.run(ScheduledThreadPoolExecutor.java:305)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(Threa
dPoolExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(Thre
adPoolExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUt
ils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:
310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:10
2)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoin
t$lzycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEnd
point.scala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$1(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.
scala:725)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$rece
iveAndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:1
03)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty
$MessageLoop$$receiveLoop(MessageLoop.scala:75)
        at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.sc
ala:41)
        ... 3 more
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find en
dpoint: spark://CoarseGrainedScheduler@mac.home:59840
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.sc
```

```
ala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:
33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:
33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingEx
ecutor.scala:67)
        at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingEx
ecutor.scala:82)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.jav
a:23)
        at scala.concurrent.BlockContext$.withBlockContext(BlockContext.scal
a:85)
        at scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scal
a:59)
        at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecut
e(Future.scala:875)
        at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:
110)
        at scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scal
a:107)
```

```
        at scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.
scala:873)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.trySuccess(Promise.scala:94)
        at scala.concurrent.Promise.trySuccess$(Promise.scala:94)
        at scala.concurrent.impl.Promise$DefaultPromise.trySuccess(Promise.s
cala:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.sc
ala:225)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(Ne
ttyRpcEnv.scala:239)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$ad
apted(NettyRpcEnv.scala:238)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.Promise.success(Promise.scala:86)
        at scala.concurrent.Promise.success$(Promise.scala:86)
        at scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scal
a:187)
        at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpc
CallContext.scala:50)
        at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCall
Context.scala:32)
        at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAn
dReply$1.applyOrElse(RpcEndpointVerifier.scala:31)
        ... 8 more
25/10/22 08:37:59 ERROR Inbox: Ignoring error
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUt
ils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:
310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:10
```

```
2)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoin
t$lzycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEnd
point.scala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$1(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.
scala:725)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$rece
iveAndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:1
03)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty
$MessageLoop$$receiveLoop(MessageLoop.scala:75)
        at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.sc
ala:41)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(Threa
dPoolExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(Thre
adPoolExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find en
dpoint: spark://CoarseGrainedScheduler@mac.home:59840
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.sc
ala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
```

```
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:
33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:
33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingEx
ecutor.scala:67)
        at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingEx
ecutor.scala:82)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.jav
a:23)
        at scala.concurrent.BlockContext$.withBlockContext(BlockContext.scal
a:85)
        at scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scal
a:59)
        at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecut
e(Future.scala:875)
        at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:
110)
        at scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scal
a:107)
        at scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.
scala:873)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.trySuccess(Promise.scala:94)
        at scala.concurrent.Promise.trySuccess$(Promise.scala:94)
        at scala.concurrent.impl.Promise$DefaultPromise.trySuccess(Promise.s
cala:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.sc
ala:225)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(Ne
ttyRpcEnv.scala:239)
```

```
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$ad
apted(NettyRpcEnv.scala:238)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.Promise.success(Promise.scala:86)
        at scala.concurrent.Promise.success$(Promise.scala:86)
        at scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scal
a:187)
        at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpc
CallContext.scala:50)
        at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCall
Context.scala:32)
        at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAn
dReply$1.applyOrElse(RpcEndpointVerifier.scala:31)
        ... 8 more
25/10/22 08:37:59 WARN Executor: Issue communicating with driver in heartbea
ter
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUt
ils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:
310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:
101)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:
85)
        at org.apache.spark.storage.BlockManagerMaster.registerBlockManager
(BlockManagerMaster.scala:80)
        at org.apache.spark.storage.BlockManager.reregister(BlockManager.sca
la:642)
        at org.apache.spark.executor.Executor.reportHeartBeat(Executor.scal
a:1223)
        at org.apache.spark.executor.Executor.$anonfun$heartbeater$1(Executo
r.scala:295)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.jav
a:23)
        at org.apache.spark.util.Utils$.logUncaughtExceptions(Utils.scala:19
28)
        at org.apache.spark.Heartbeater$$anon$1.run(Heartbeater.scala:46)
        at java.base/java.util.concurrent.Executors$RunnableAdapter.call(Exe
```

```
cutors.java:515)
        at java.base/java.util.concurrent.FutureTask.runAndReset(FutureTask.
java:305)
        at java.base/java.util.concurrent.ScheduledThreadPoolExecutor$Schedu
ledFutureTask.run(ScheduledThreadPoolExecutor.java:305)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(Threa
dPoolExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(Thre
adPoolExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUt
ils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:
310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:10
2)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoin
t$lzycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEnd
point.scala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$1(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.
scala:725)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$rece
iveAndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:1
03)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty
$MessageLoop$$receiveLoop(MessageLoop.scala:75)
        at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.sc
ala:41)
        ... 3 more
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find en
dpoint: spark://CoarseGrainedScheduler@mac.home:59840
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.sc
ala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
```

```
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:
33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:
33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingEx
ecutor.scala:67)
        at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingEx
ecutor.scala:82)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.jav
a:23)
        at scala.concurrent.BlockContext$.withBlockContext(BlockContext.scal
a:85)
        at scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scal
a:59)
        at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecut
e(Future.scala:875)
        at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:
110)
        at scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scal
a:107)
        at scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.
scala:873)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
```

```
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.trySuccess(Promise.scala:94)
        at scala.concurrent.Promise.trySuccess$(Promise.scala:94)
        at scala.concurrent.impl.Promise$DefaultPromise.trySuccess(Promise.s
cala:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.sc
ala:225)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(Ne
ttyRpcEnv.scala:239)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$ad
apted(NettyRpcEnv.scala:238)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.Promise.success(Promise.scala:86)
        at scala.concurrent.Promise.success$(Promise.scala:86)
        at scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scal
a:187)
        at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpc
CallContext.scala:50)
        at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCall
Context.scala:32)
        at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAn
dReply$1.applyOrElse(RpcEndpointVerifier.scala:31)
        ... 8 more
25/10/22 08:59:58 ERROR Inbox: Ignoring error
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUt
ils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:
310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:10
2)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoin
t$lzycompute(BlockManagerMasterEndpoint.scala:124)
```

```
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEnd
point.scala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$1(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.
scala:725)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$rece
iveAndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:1
03)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty
$MessageLoop$$receiveLoop(MessageLoop.scala:75)
        at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.sc
ala:41)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(Threa
dPoolExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(Thre
adPoolExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find en
dpoint: spark://CoarseGrainedScheduler@mac.home:59840
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.sc
ala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:
33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
```

```
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:
33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingEx
ecutor.scala:67)
        at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingEx
ecutor.scala:82)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.jav
a:23)
        at scala.concurrent.BlockContext$.withBlockContext(BlockContext.scal
a:85)
        at scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scal
a:59)
        at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecut
e(Future.scala:875)
        at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:
110)
        at scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scal
a:107)
        at scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.
scala:873)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.trySuccess(Promise.scala:94)
        at scala.concurrent.Promise.trySuccess$(Promise.scala:94)
        at scala.concurrent.impl.Promise$DefaultPromise.trySuccess(Promise.s
cala:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.sc
ala:225)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(Ne
ttyRpcEnv.scala:239)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$ad
apted(NettyRpcEnv.scala:238)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
```

```
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.Promise.success(Promise.scala:86)
        at scala.concurrent.Promise.success$(Promise.scala:86)
        at scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scal
a:187)
        at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpc
CallContext.scala:50)
        at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCall
Context.scala:32)
        at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAn
dReply$1.applyOrElse(RpcEndpointVerifier.scala:31)
        ... 8 more
25/10/22 08:59:58 WARN Executor: Issue communicating with driver in heartbea
ter
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUt
ils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:
310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:
101)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:
85)
        at org.apache.spark.storage.BlockManagerMaster.registerBlockManager
(BlockManagerMaster.scala:80)
        at org.apache.spark.storage.BlockManager.reregister(BlockManager.sca
la:642)
        at org.apache.spark.executor.Executor.reportHeartBeat(Executor.scal
a:1223)
        at org.apache.spark.executor.Executor.$anonfun$heartbeater$1(Executo
r.scala:295)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.jav
a:23)
        at org.apache.spark.util.Utils$.logUncaughtExceptions(Utils.scala:19
28)
        at org.apache.spark.Heartbeater$$anon$1.run(Heartbeater.scala:46)
        at java.base/java.util.concurrent.Executors$RunnableAdapter.call(Exe
cutors.java:515)
        at java.base/java.util.concurrent.FutureTask.runAndReset(FutureTask.
java:305)
        at java.base/java.util.concurrent.ScheduledThreadPoolExecutor$Schedu
ledFutureTask.run(ScheduledThreadPoolExecutor.java:305)
```

```
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(Threa
dPoolExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(Thre
adPoolExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUt
ils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:
310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:10
2)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoin
t$lzycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEnd
point.scala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$1(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.
scala:725)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$rece
iveAndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:1
03)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty
$MessageLoop$$receiveLoop(MessageLoop.scala:75)
        at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.sc
ala:41)
        ... 3 more
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find en
dpoint: spark://CoarseGrainedScheduler@mac.home:59840
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.sc
ala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
```

```
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:
33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:
33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingEx
ecutor.scala:67)
        at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingEx
ecutor.scala:82)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.jav
a:23)
        at scala.concurrent.BlockContext$.withBlockContext(BlockContext.scal
a:85)
        at scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scal
a:59)
        at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecut
e(Future.scala:875)
        at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:
110)
        at scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scal
a:107)
        at scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.
scala:873)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
```

```
        at scala.concurrent.Promise.trySuccess(Promise.scala:94)
        at scala.concurrent.Promise.trySuccess$(Promise.scala:94)
        at scala.concurrent.impl.Promise$DefaultPromise.trySuccess(Promise.s
cala:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.sc
ala:225)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(Ne
ttyRpcEnv.scala:239)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$ad
apted(NettyRpcEnv.scala:238)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.Promise.success(Promise.scala:86)
        at scala.concurrent.Promise.success$(Promise.scala:86)
        at scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scal
a:187)
        at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpc
CallContext.scala:50)
        at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCall
Context.scala:32)
        at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAn
dReply$1.applyOrElse(RpcEndpointVerifier.scala:31)
        ... 8 more
25/10/22 09:07:29 WARN Executor: Issue communicating with driver in heartbea
ter
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUt
ils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:
310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:
101)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:
85)
        at org.apache.spark.storage.BlockManagerMaster.registerBlockManager
(BlockManagerMaster.scala:80)
        at org.apache.spark.storage.BlockManager.reregister(BlockManager.sca
la:642)
        at org.apache.spark.executor.Executor.reportHeartBeat(Executor.scal
a:1223)
```

```
        at org.apache.spark.executor.Executor.$anonfun$heartbeater$1(Executo
r.scala:295)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.jav
a:23)
        at org.apache.spark.util.Utils$.logUncaughtExceptions(Utils.scala:19
28)
        at org.apache.spark.Heartbeater$$anon$1.run(Heartbeater.scala:46)
        at java.base/java.util.concurrent.Executors$RunnableAdapter.call(Exe
cutors.java:515)
        at java.base/java.util.concurrent.FutureTask.runAndReset(FutureTask.
java:305)
        at java.base/java.util.concurrent.ScheduledThreadPoolExecutor$Schedu
ledFutureTask.run(ScheduledThreadPoolExecutor.java:305)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(Threa
dPoolExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(Thre
adPoolExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUt
ils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:
310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:10
2)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoin
t$lzycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEnd
point.scala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$1(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.
scala:725)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$rece
iveAndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:1
03)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty
$MessageLoop$$receiveLoop(MessageLoop.scala:75)
        at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.sc
ala:41)
        ... 3 more
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find en
dpoint: spark://CoarseGrainedScheduler@mac.home:59840
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
```

```
tRefByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.sc
ala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.dispatchOrAddCallbac
k(Promise.scala:316)
        at scala.concurrent.impl.Promise$DefaultPromise.onComplete(Promise.s
cala:307)
        at scala.concurrent.impl.Promise.transformWith(Promise.scala:40)
        at scala.concurrent.impl.Promise.transformWith$(Promise.scala:38)
        at scala.concurrent.impl.Promise$DefaultPromise.transformWith(Promis
e.scala:187)
        at scala.concurrent.Future.flatMap(Future.scala:306)
        at scala.concurrent.Future.flatMap$(Future.scala:306)
        at scala.concurrent.impl.Promise$DefaultPromise.flatMap(Promise.scal
a:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.asyncSetupEndpointRefByURI
(NettyRpcEnv.scala:150)
        ... 17 more
25/10/22 09:07:29 ERROR Inbox: Ignoring error
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUt
ils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:
310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:10
2)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoin
t$lzycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEnd
point.scala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$1(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.
scala:725)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$rece
iveAndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:1
03)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty
```

```
$MessageLoop$$receiveLoop(MessageLoop.scala:75)
        at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.sc
ala:41)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(Threa
dPoolExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(Thre
adPoolExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find en
dpoint: spark://CoarseGrainedScheduler@mac.home:59840
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.sc
ala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.dispatchOrAddCallbac
k(Promise.scala:316)
        at scala.concurrent.impl.Promise$DefaultPromise.onComplete(Promise.s
cala:307)
        at scala.concurrent.impl.Promise.transformWith(Promise.scala:40)
        at scala.concurrent.impl.Promise.transformWith$(Promise.scala:38)
        at scala.concurrent.impl.Promise$DefaultPromise.transformWith(Promis
e.scala:187)
        at scala.concurrent.Future.flatMap(Future.scala:306)
        at scala.concurrent.Future.flatMap$(Future.scala:306)
        at scala.concurrent.impl.Promise$DefaultPromise.flatMap(Promise.scal
a:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.asyncSetupEndpointRefByURI
(NettyRpcEnv.scala:150)
        ... 17 more
25/10/22 09:07:39 ERROR Inbox: Ignoring error
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUt
ils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:
310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:10
2)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoin
t$lzycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEnd
point.scala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
```

```
ve$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$1(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.
scala:725)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$rece
iveAndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:1
03)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty
$MessageLoop$$receiveLoop(MessageLoop.scala:75)
        at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.sc
ala:41)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(Threa
dPoolExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(Thre
adPoolExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find en
dpoint: spark://CoarseGrainedScheduler@mac.home:59840
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.sc
ala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.dispatchOrAddCallbac
k(Promise.scala:316)
        at scala.concurrent.impl.Promise$DefaultPromise.onComplete(Promise.s
cala:307)
        at scala.concurrent.impl.Promise.transformWith(Promise.scala:40)
        at scala.concurrent.impl.Promise.transformWith$(Promise.scala:38)
        at scala.concurrent.impl.Promise$DefaultPromise.transformWith(Promis
e.scala:187)
        at scala.concurrent.Future.flatMap(Future.scala:306)
        at scala.concurrent.Future.flatMap$(Future.scala:306)
        at scala.concurrent.impl.Promise$DefaultPromise.flatMap(Promise.scal
a:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.asyncSetupEndpointRefByURI
(NettyRpcEnv.scala:150)
        ... 17 more
25/10/22 09:07:39 WARN Executor: Issue communicating with driver in heartbea
ter
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUt
```

```
ils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:
310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:
101)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:
85)
        at org.apache.spark.storage.BlockManagerMaster.registerBlockManager
(BlockManagerMaster.scala:80)
        at org.apache.spark.storage.BlockManager.reregister(BlockManager.sca
la:642)
        at org.apache.spark.executor.Executor.reportHeartBeat(Executor.scal
a:1223)
        at org.apache.spark.executor.Executor.$anonfun$heartbeater$1(Executo
r.scala:295)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.jav
a:23)
        at org.apache.spark.util.Utils$.logUncaughtExceptions(Utils.scala:19
28)
        at org.apache.spark.Heartbeater$$anon$1.run(Heartbeater.scala:46)
        at java.base/java.util.concurrent.Executors$RunnableAdapter.call(Exe
cutors.java:515)
        at java.base/java.util.concurrent.FutureTask.runAndReset(FutureTask.
java:305)
        at java.base/java.util.concurrent.ScheduledThreadPoolExecutor$Schedu
ledFutureTask.run(ScheduledThreadPoolExecutor.java:305)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(Threa
dPoolExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(Thre
adPoolExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUt
ils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:
310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:10
2)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoin
t$lzycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEnd
point.scala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$1(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.
scala:725)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$rece
iveAndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
```

```
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:1
03)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty
$MessageLoop$$receiveLoop(MessageLoop.scala:75)
        at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.sc
ala:41)
        ... 3 more
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find en
dpoint: spark://CoarseGrainedScheduler@mac.home:59840
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.sc
ala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.dispatchOrAddCallbac
k(Promise.scala:316)
        at scala.concurrent.impl.Promise$DefaultPromise.onComplete(Promise.s
cala:307)
        at scala.concurrent.impl.Promise.transformWith(Promise.scala:40)
        at scala.concurrent.impl.Promise.transformWith$(Promise.scala:38)
        at scala.concurrent.impl.Promise$DefaultPromise.transformWith(Promis
e.scala:187)
        at scala.concurrent.Future.flatMap(Future.scala:306)
        at scala.concurrent.Future.flatMap$(Future.scala:306)
        at scala.concurrent.impl.Promise$DefaultPromise.flatMap(Promise.scal
a:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.asyncSetupEndpointRefByURI
(NettyRpcEnv.scala:150)
        ... 17 more
25/10/22 09:07:49 ERROR Inbox: Ignoring error
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUt
ils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:
310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:10
2)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoin
t$lzycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEnd
point.scala:123)
```

```
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$1(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.
scala:725)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$rece
iveAndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:1
03)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty
$MessageLoop$$receiveLoop(MessageLoop.scala:75)
        at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.sc
ala:41)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(Threa
dPoolExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(Thre
adPoolExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find en
dpoint: spark://CoarseGrainedScheduler@mac.home:59840
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.sc
ala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.dispatchOrAddCallbac
k(Promise.scala:316)
        at scala.concurrent.impl.Promise$DefaultPromise.onComplete(Promise.s
cala:307)
        at scala.concurrent.impl.Promise.transformWith(Promise.scala:40)
        at scala.concurrent.impl.Promise.transformWith$(Promise.scala:38)
        at scala.concurrent.impl.Promise$DefaultPromise.transformWith(Promis
e.scala:187)
        at scala.concurrent.Future.flatMap(Future.scala:306)
        at scala.concurrent.Future.flatMap$(Future.scala:306)
        at scala.concurrent.impl.Promise$DefaultPromise.flatMap(Promise.scal
a:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.asyncSetupEndpointRefByURI
(NettyRpcEnv.scala:150)
        ... 17 more
25/10/22 09:07:49 WARN Executor: Issue communicating with driver in heartbea
ter
org.apache.spark.SparkException: Exception thrown in awaitResult:
```

```
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUt
ils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:
310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:
101)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:
85)
        at org.apache.spark.storage.BlockManagerMaster.registerBlockManager
(BlockManagerMaster.scala:80)
        at org.apache.spark.storage.BlockManager.reregister(BlockManager.sca
la:642)
        at org.apache.spark.executor.Executor.reportHeartBeat(Executor.scal
a:1223)
        at org.apache.spark.executor.Executor.$anonfun$heartbeater$1(Executo
r.scala:295)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.jav
a:23)
        at org.apache.spark.util.Utils$.logUncaughtExceptions(Utils.scala:19
28)
        at org.apache.spark.Heartbeater$$anon$1.run(Heartbeater.scala:46)
        at java.base/java.util.concurrent.Executors$RunnableAdapter.call(Exe
cutors.java:515)
        at java.base/java.util.concurrent.FutureTask.runAndReset(FutureTask.
java:305)
        at java.base/java.util.concurrent.ScheduledThreadPoolExecutor$Schedu
ledFutureTask.run(ScheduledThreadPoolExecutor.java:305)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(Threa
dPoolExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(Thre
adPoolExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUt
ils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:
310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:10
2)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoin
t$lzycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEnd
point.scala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$1(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.
scala:725)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$rece
```

```
iveAndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:1
03)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty
$MessageLoop$$receiveLoop(MessageLoop.scala:75)
        at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.sc
ala:41)
        ... 3 more
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find en
dpoint: spark://CoarseGrainedScheduler@mac.home:59840
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.sc
ala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.dispatchOrAddCallbac
k(Promise.scala:316)
        at scala.concurrent.impl.Promise$DefaultPromise.onComplete(Promise.s
cala:307)
        at scala.concurrent.impl.Promise.transformWith(Promise.scala:40)
        at scala.concurrent.impl.Promise.transformWith$(Promise.scala:38)
        at scala.concurrent.impl.Promise$DefaultPromise.transformWith(Promis
e.scala:187)
        at scala.concurrent.Future.flatMap(Future.scala:306)
        at scala.concurrent.Future.flatMap$(Future.scala:306)
        at scala.concurrent.impl.Promise$DefaultPromise.flatMap(Promise.scal
a:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.asyncSetupEndpointRefByURI
(NettyRpcEnv.scala:150)
        ... 17 more
25/10/22 09:07:59 ERROR Inbox: Ignoring error
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUt
ils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:
310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:10
2)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoin
t$lzycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEnd
```

```
point.scala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$1(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.
scala:725)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$rece
iveAndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:1
03)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty
$MessageLoop$$receiveLoop(MessageLoop.scala:75)
        at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.sc
ala:41)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(Threa
dPoolExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(Thre
adPoolExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find en
dpoint: spark://CoarseGrainedScheduler@mac.home:59840
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.sc
ala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:
33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
```

```
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:
33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingEx
ecutor.scala:67)
        at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingEx
ecutor.scala:82)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.jav
a:23)
        at scala.concurrent.BlockContext$.withBlockContext(BlockContext.scal
a:85)
        at scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scal
a:59)
        at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecut
e(Future.scala:875)
        at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:
110)
        at scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scal
a:107)
        at scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.
scala:873)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.trySuccess(Promise.scala:94)
        at scala.concurrent.Promise.trySuccess$(Promise.scala:94)
        at scala.concurrent.impl.Promise$DefaultPromise.trySuccess(Promise.s
cala:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.sc
ala:225)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(Ne
ttyRpcEnv.scala:239)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$ad
apted(NettyRpcEnv.scala:238)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
```

```
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.Promise.success(Promise.scala:86)
        at scala.concurrent.Promise.success$(Promise.scala:86)
        at scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scal
a:187)
        at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpc
CallContext.scala:50)
        at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCall
Context.scala:32)
        at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAn
dReply$1.applyOrElse(RpcEndpointVerifier.scala:31)
        ... 8 more
25/10/22 09:07:59 WARN Executor: Issue communicating with driver in heartbea
ter
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUt
ils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:
310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:
101)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:
85)
        at org.apache.spark.storage.BlockManagerMaster.registerBlockManager
(BlockManagerMaster.scala:80)
        at org.apache.spark.storage.BlockManager.reregister(BlockManager.sca
la:642)
        at org.apache.spark.executor.Executor.reportHeartBeat(Executor.scal
a:1223)
        at org.apache.spark.executor.Executor.$anonfun$heartbeater$1(Executo
r.scala:295)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.jav
a:23)
        at org.apache.spark.util.Utils$.logUncaughtExceptions(Utils.scala:19
28)
        at org.apache.spark.Heartbeater$$anon$1.run(Heartbeater.scala:46)
        at java.base/java.util.concurrent.Executors$RunnableAdapter.call(Exe
cutors.java:515)
        at java.base/java.util.concurrent.FutureTask.runAndReset(FutureTask.
java:305)
        at java.base/java.util.concurrent.ScheduledThreadPoolExecutor$Schedu
ledFutureTask.run(ScheduledThreadPoolExecutor.java:305)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(Threa
dPoolExecutor.java:1128)
```

```
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(Thre
adPoolExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUt
ils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:
310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:10
2)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoin
t$lzycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEnd
point.scala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$1(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.
scala:725)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$rece
iveAndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:1
03)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty
$MessageLoop$$receiveLoop(MessageLoop.scala:75)
        at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.sc
ala:41)
        ... 3 more
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find en
dpoint: spark://CoarseGrainedScheduler@mac.home:59840
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.sc
ala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
```

```
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:
33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:
33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingEx
ecutor.scala:67)
        at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingEx
ecutor.scala:82)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.jav
a:23)
        at scala.concurrent.BlockContext$.withBlockContext(BlockContext.scal
a:85)
        at scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scal
a:59)
        at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecut
e(Future.scala:875)
        at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:
110)
        at scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scal
a:107)
        at scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.
scala:873)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.trySuccess(Promise.scala:94)
        at scala.concurrent.Promise.trySuccess$(Promise.scala:94)
```

```
        at scala.concurrent.impl.Promise$DefaultPromise.trySuccess(Promise.s
cala:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.sc
ala:225)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(Ne
ttyRpcEnv.scala:239)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$ad
apted(NettyRpcEnv.scala:238)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.Promise.success(Promise.scala:86)
        at scala.concurrent.Promise.success$(Promise.scala:86)
        at scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scal
a:187)
        at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpc
CallContext.scala:50)
        at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCall
Context.scala:32)
        at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAn
dReply$1.applyOrElse(RpcEndpointVerifier.scala:31)
        ... 8 more
25/10/22 09:08:09 ERROR Inbox: Ignoring error
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUt
ils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:
310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:10
2)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoin
t$lzycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEnd
point.scala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$1(BlockManagerMasterEndpoint.scala:687)
```

```
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.
scala:725)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$rece
iveAndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:1
03)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty
$MessageLoop$$receiveLoop(MessageLoop.scala:75)
        at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.sc
ala:41)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(Threa
dPoolExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(Thre
adPoolExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find en
dpoint: spark://CoarseGrainedScheduler@mac.home:59840
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.sc
ala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:
33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
```

```
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:
33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingEx
ecutor.scala:67)
        at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingEx
ecutor.scala:82)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.jav
a:23)
        at scala.concurrent.BlockContext$.withBlockContext(BlockContext.scal
a:85)
        at scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scal
a:59)
        at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecut
e(Future.scala:875)
        at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:
110)
        at scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scal
a:107)
        at scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.
scala:873)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.trySuccess(Promise.scala:94)
        at scala.concurrent.Promise.trySuccess$(Promise.scala:94)
        at scala.concurrent.impl.Promise$DefaultPromise.trySuccess(Promise.s
cala:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.sc
ala:225)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(Ne
ttyRpcEnv.scala:239)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$ad
apted(NettyRpcEnv.scala:238)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
```

```
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.Promise.success(Promise.scala:86)
        at scala.concurrent.Promise.success$(Promise.scala:86)
        at scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scal
a:187)
        at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpc
CallContext.scala:50)
        at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCall
Context.scala:32)
        at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAn
dReply$1.applyOrElse(RpcEndpointVerifier.scala:31)
        ... 8 more
25/10/22 09:08:09 WARN Executor: Issue communicating with driver in heartbea
ter
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUt
ils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:
310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:
101)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:
85)
        at org.apache.spark.storage.BlockManagerMaster.registerBlockManager
(BlockManagerMaster.scala:80)
        at org.apache.spark.storage.BlockManager.reregister(BlockManager.sca
la:642)
        at org.apache.spark.executor.Executor.reportHeartBeat(Executor.scal
a:1223)
        at org.apache.spark.executor.Executor.$anonfun$heartbeater$1(Executo
r.scala:295)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.jav
a:23)
        at org.apache.spark.util.Utils$.logUncaughtExceptions(Utils.scala:19
28)
        at org.apache.spark.Heartbeater$$anon$1.run(Heartbeater.scala:46)
        at java.base/java.util.concurrent.Executors$RunnableAdapter.call(Exe
cutors.java:515)
        at java.base/java.util.concurrent.FutureTask.runAndReset(FutureTask.
java:305)
        at java.base/java.util.concurrent.ScheduledThreadPoolExecutor$Schedu
ledFutureTask.run(ScheduledThreadPoolExecutor.java:305)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(Threa
dPoolExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(Thre
adPoolExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUt
```

```
ils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:
310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:10
2)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoin
t$lzycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEnd
point.scala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$1(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.
scala:725)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$rece
iveAndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:1
03)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty
$MessageLoop$$receiveLoop(MessageLoop.scala:75)
        at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.sc
ala:41)
        ... 3 more
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find en
dpoint: spark://CoarseGrainedScheduler@mac.home:59840
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.sc
ala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
```

```
la:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:
33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:
33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingEx
ecutor.scala:67)
        at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingEx
ecutor.scala:82)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.jav
a:23)
        at scala.concurrent.BlockContext$.withBlockContext(BlockContext.scal
a:85)
        at scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scal
a:59)
        at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecut
e(Future.scala:875)
        at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:
110)
        at scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scal
a:107)
        at scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.
scala:873)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.trySuccess(Promise.scala:94)
        at scala.concurrent.Promise.trySuccess$(Promise.scala:94)
        at scala.concurrent.impl.Promise$DefaultPromise.trySuccess(Promise.s
cala:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.sc
ala:225)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(Ne
```

```
ttyRpcEnv.scala:239)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$ad
apted(NettyRpcEnv.scala:238)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.Promise.success(Promise.scala:86)
        at scala.concurrent.Promise.success$(Promise.scala:86)
        at scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scal
a:187)
        at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpc
CallContext.scala:50)
        at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCall
Context.scala:32)
        at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAn
dReply$1.applyOrElse(RpcEndpointVerifier.scala:31)
        ... 8 more
25/10/22 09:08:19 ERROR Inbox: Ignoring error
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUt
ils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:
310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:10
2)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoin
t$lzycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEnd
point.scala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$1(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.
scala:725)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$rece
iveAndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
```

```
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:1
03)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty
$MessageLoop$$receiveLoop(MessageLoop.scala:75)
        at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.sc
ala:41)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(Threa
dPoolExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(Thre
adPoolExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find en
dpoint: spark://CoarseGrainedScheduler@mac.home:59840
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.sc
ala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:
33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
```

```
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:
33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingEx
ecutor.scala:67)
        at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingEx
ecutor.scala:82)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.jav
a:23)
        at scala.concurrent.BlockContext$.withBlockContext(BlockContext.scal
a:85)
        at scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scal
a:59)
        at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecut
e(Future.scala:875)
        at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:
110)
        at scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scal
a:107)
        at scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.
scala:873)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.trySuccess(Promise.scala:94)
        at scala.concurrent.Promise.trySuccess$(Promise.scala:94)
        at scala.concurrent.impl.Promise$DefaultPromise.trySuccess(Promise.s
cala:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.sc
ala:225)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(Ne
ttyRpcEnv.scala:239)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$ad
apted(NettyRpcEnv.scala:238)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
```

```
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.Promise.success(Promise.scala:86)
        at scala.concurrent.Promise.success$(Promise.scala:86)
        at scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scal
a:187)
        at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpc
CallContext.scala:50)
        at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCall
Context.scala:32)
        at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAn
dReply$1.applyOrElse(RpcEndpointVerifier.scala:31)
        ... 8 more
25/10/22 09:08:19 WARN Executor: Issue communicating with driver in heartbea
ter
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUt
ils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:
310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:
101)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:
85)
        at org.apache.spark.storage.BlockManagerMaster.registerBlockManager
(BlockManagerMaster.scala:80)
        at org.apache.spark.storage.BlockManager.reregister(BlockManager.sca
la:642)
        at org.apache.spark.executor.Executor.reportHeartBeat(Executor.scal
a:1223)
        at org.apache.spark.executor.Executor.$anonfun$heartbeater$1(Executo
r.scala:295)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.jav
a:23)
        at org.apache.spark.util.Utils$.logUncaughtExceptions(Utils.scala:19
28)
        at org.apache.spark.Heartbeater$$anon$1.run(Heartbeater.scala:46)
        at java.base/java.util.concurrent.Executors$RunnableAdapter.call(Exe
cutors.java:515)
        at java.base/java.util.concurrent.FutureTask.runAndReset(FutureTask.
java:305)
        at java.base/java.util.concurrent.ScheduledThreadPoolExecutor$Schedu
ledFutureTask.run(ScheduledThreadPoolExecutor.java:305)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(Threa
dPoolExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(Thre
adPoolExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUt
ils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:
310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:10
```

```
2)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoin
t$lzycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEnd
point.scala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$1(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.
scala:725)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$rece
iveAndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:1
03)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty
$MessageLoop$$receiveLoop(MessageLoop.scala:75)
        at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.sc
ala:41)
        ... 3 more
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find en
dpoint: spark://CoarseGrainedScheduler@mac.home:59840
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.sc
ala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:
33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
```

```
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:
33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingEx
ecutor.scala:67)
        at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingEx
ecutor.scala:82)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.jav
a:23)
        at scala.concurrent.BlockContext$.withBlockContext(BlockContext.scal
a:85)
        at scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scal
a:59)
        at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecut
e(Future.scala:875)
        at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:
110)
        at scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scal
a:107)
        at scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.
scala:873)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.trySuccess(Promise.scala:94)
        at scala.concurrent.Promise.trySuccess$(Promise.scala:94)
        at scala.concurrent.impl.Promise$DefaultPromise.trySuccess(Promise.s
cala:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.sc
ala:225)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(Ne
ttyRpcEnv.scala:239)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$ad
apted(NettyRpcEnv.scala:238)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
```

```
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.Promise.success(Promise.scala:86)
        at scala.concurrent.Promise.success$(Promise.scala:86)
        at scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scal
a:187)
        at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpc
CallContext.scala:50)
        at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCall
Context.scala:32)
        at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAn
dReply$1.applyOrElse(RpcEndpointVerifier.scala:31)
        ... 8 more
25/10/22 09:08:29 ERROR Inbox: Ignoring error
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUt
ils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:
310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:10
2)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoin
t$lzycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEnd
point.scala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$1(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.
scala:725)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$rece
iveAndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:1
03)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty
```

```
$MessageLoop$$receiveLoop(MessageLoop.scala:75)
        at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.sc
ala:41)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(Threa
dPoolExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(Thre
adPoolExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find en
dpoint: spark://CoarseGrainedScheduler@mac.home:59840
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.sc
ala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:
33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:
33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
```

```
        at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingEx
ecutor.scala:67)
        at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingEx
ecutor.scala:82)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.jav
a:23)
        at scala.concurrent.BlockContext$.withBlockContext(BlockContext.scal
a:85)
        at scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scal
a:59)
        at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecut
e(Future.scala:875)
        at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:
110)
        at scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scal
a:107)
        at scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.
scala:873)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.trySuccess(Promise.scala:94)
        at scala.concurrent.Promise.trySuccess$(Promise.scala:94)
        at scala.concurrent.impl.Promise$DefaultPromise.trySuccess(Promise.s
cala:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.sc
ala:225)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(Ne
ttyRpcEnv.scala:239)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$ad
apted(NettyRpcEnv.scala:238)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.Promise.success(Promise.scala:86)
        at scala.concurrent.Promise.success$(Promise.scala:86)
        at scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scal
```

```
a:187)
        at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpc
CallContext.scala:50)
        at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCall
Context.scala:32)
        at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAn
dReply$1.applyOrElse(RpcEndpointVerifier.scala:31)
        ... 8 more
25/10/22 09:08:29 WARN Executor: Issue communicating with driver in heartbea
ter
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUt
ils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:
310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:
101)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:
85)
        at org.apache.spark.storage.BlockManagerMaster.registerBlockManager
(BlockManagerMaster.scala:80)
        at org.apache.spark.storage.BlockManager.reregister(BlockManager.sca
la:642)
        at org.apache.spark.executor.Executor.reportHeartBeat(Executor.scal
a:1223)
        at org.apache.spark.executor.Executor.$anonfun$heartbeater$1(Executo
r.scala:295)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.jav
a:23)
        at org.apache.spark.util.Utils$.logUncaughtExceptions(Utils.scala:19
28)
        at org.apache.spark.Heartbeater$$anon$1.run(Heartbeater.scala:46)
        at java.base/java.util.concurrent.Executors$RunnableAdapter.call(Exe
cutors.java:515)
        at java.base/java.util.concurrent.FutureTask.runAndReset(FutureTask.
java:305)
        at java.base/java.util.concurrent.ScheduledThreadPoolExecutor$Schedu
ledFutureTask.run(ScheduledThreadPoolExecutor.java:305)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(Threa
dPoolExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(Thre
adPoolExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUt
ils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:
310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:10
2)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoin
t$lzycompute(BlockManagerMasterEndpoint.scala:124)
```

```
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEnd
point.scala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$1(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.
scala:725)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$rece
iveAndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:1
03)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty
$MessageLoop$$receiveLoop(MessageLoop.scala:75)
        at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.sc
ala:41)
        ... 3 more
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find en
dpoint: spark://CoarseGrainedScheduler@mac.home:59840
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.sc
ala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:
33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
```

```
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:
33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingEx
ecutor.scala:67)
        at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingEx
ecutor.scala:82)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.jav
a:23)
        at scala.concurrent.BlockContext$.withBlockContext(BlockContext.scal
a:85)
        at scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scal
a:59)
        at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecut
e(Future.scala:875)
        at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:
110)
        at scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scal
a:107)
        at scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.
scala:873)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.trySuccess(Promise.scala:94)
        at scala.concurrent.Promise.trySuccess$(Promise.scala:94)
        at scala.concurrent.impl.Promise$DefaultPromise.trySuccess(Promise.s
cala:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.sc
ala:225)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(Ne
ttyRpcEnv.scala:239)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$ad
apted(NettyRpcEnv.scala:238)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
```

```
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.Promise.success(Promise.scala:86)
        at scala.concurrent.Promise.success$(Promise.scala:86)
        at scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scal
a:187)
        at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpc
CallContext.scala:50)
        at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCall
Context.scala:32)
        at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAn
dReply$1.applyOrElse(RpcEndpointVerifier.scala:31)
        ... 8 more
25/10/22 09:08:39 ERROR Inbox: Ignoring error
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUt
ils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:
310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:10
2)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoin
t$lzycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEnd
point.scala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$1(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.
scala:725)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$rece
iveAndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:1
03)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty
$MessageLoop$$receiveLoop(MessageLoop.scala:75)
        at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.sc
ala:41)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(Threa
dPoolExecutor.java:1128)
```

```
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(Thre
adPoolExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find en
dpoint: spark://CoarseGrainedScheduler@mac.home:59840
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.sc
ala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.dispatchOrAddCallbac
k(Promise.scala:316)
        at scala.concurrent.impl.Promise$DefaultPromise.onComplete(Promise.s
cala:307)
        at scala.concurrent.impl.Promise.transformWith(Promise.scala:40)
        at scala.concurrent.impl.Promise.transformWith$(Promise.scala:38)
        at scala.concurrent.impl.Promise$DefaultPromise.transformWith(Promis
e.scala:187)
        at scala.concurrent.Future.flatMap(Future.scala:306)
        at scala.concurrent.Future.flatMap$(Future.scala:306)
        at scala.concurrent.impl.Promise$DefaultPromise.flatMap(Promise.scal
a:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.asyncSetupEndpointRefByURI
(NettyRpcEnv.scala:150)
        ... 17 more
25/10/22 09:08:39 WARN Executor: Issue communicating with driver in heartbea
ter
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUt
ils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:
310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:
101)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:
85)
        at org.apache.spark.storage.BlockManagerMaster.registerBlockManager
(BlockManagerMaster.scala:80)
        at org.apache.spark.storage.BlockManager.reregister(BlockManager.sca
la:642)
        at org.apache.spark.executor.Executor.reportHeartBeat(Executor.scal
a:1223)
        at org.apache.spark.executor.Executor.$anonfun$heartbeater$1(Executo
r.scala:295)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.jav
a:23)
```

```
        at org.apache.spark.util.Utils$.logUncaughtExceptions(Utils.scala:19
28)
        at org.apache.spark.Heartbeater$$anon$1.run(Heartbeater.scala:46)
        at java.base/java.util.concurrent.Executors$RunnableAdapter.call(Exe
cutors.java:515)
        at java.base/java.util.concurrent.FutureTask.runAndReset(FutureTask.
java:305)
        at java.base/java.util.concurrent.ScheduledThreadPoolExecutor$Schedu
ledFutureTask.run(ScheduledThreadPoolExecutor.java:305)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(Threa
dPoolExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(Thre
adPoolExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUt
ils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:
310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:10
2)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoin
t$lzycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEnd
point.scala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$1(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.
scala:725)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$rece
iveAndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:1
03)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty
$MessageLoop$$receiveLoop(MessageLoop.scala:75)
        at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.sc
ala:41)
        ... 3 more
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find en
dpoint: spark://CoarseGrainedScheduler@mac.home:59840
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.sc
ala:41)
```

```
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.dispatchOrAddCallbac
k(Promise.scala:316)
        at scala.concurrent.impl.Promise$DefaultPromise.onComplete(Promise.s
cala:307)
        at scala.concurrent.impl.Promise.transformWith(Promise.scala:40)
        at scala.concurrent.impl.Promise.transformWith$(Promise.scala:38)
        at scala.concurrent.impl.Promise$DefaultPromise.transformWith(Promis
e.scala:187)
        at scala.concurrent.Future.flatMap(Future.scala:306)
        at scala.concurrent.Future.flatMap$(Future.scala:306)
        at scala.concurrent.impl.Promise$DefaultPromise.flatMap(Promise.scal
a:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.asyncSetupEndpointRefByURI
(NettyRpcEnv.scala:150)
        ... 17 more
25/10/22 09:08:49 ERROR Inbox: Ignoring error
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUt
ils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:
310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:10
2)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoin
t$lzycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEnd
point.scala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$1(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.
scala:725)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$rece
iveAndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:1
03)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty
$MessageLoop$$receiveLoop(MessageLoop.scala:75)
        at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.sc
ala:41)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(Threa
```

```
dPoolExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(Thre
adPoolExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find en
dpoint: spark://CoarseGrainedScheduler@mac.home:59840
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.sc
ala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.dispatchOrAddCallbac
k(Promise.scala:316)
        at scala.concurrent.impl.Promise$DefaultPromise.onComplete(Promise.s
cala:307)
        at scala.concurrent.impl.Promise.transformWith(Promise.scala:40)
        at scala.concurrent.impl.Promise.transformWith$(Promise.scala:38)
        at scala.concurrent.impl.Promise$DefaultPromise.transformWith(Promis
e.scala:187)
        at scala.concurrent.Future.flatMap(Future.scala:306)
        at scala.concurrent.Future.flatMap$(Future.scala:306)
        at scala.concurrent.impl.Promise$DefaultPromise.flatMap(Promise.scal
a:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.asyncSetupEndpointRefByURI
(NettyRpcEnv.scala:150)
        ... 17 more
25/10/22 09:08:49 WARN Executor: Issue communicating with driver in heartbea
ter
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUt
ils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:
310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:
101)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:
85)
        at org.apache.spark.storage.BlockManagerMaster.registerBlockManager
(BlockManagerMaster.scala:80)
        at org.apache.spark.storage.BlockManager.reregister(BlockManager.sca
la:642)
        at org.apache.spark.executor.Executor.reportHeartBeat(Executor.scal
a:1223)
        at org.apache.spark.executor.Executor.$anonfun$heartbeater$1(Executo
r.scala:295)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.jav
```

```
a:23)
        at org.apache.spark.util.Utils$.logUncaughtExceptions(Utils.scala:19
28)
        at org.apache.spark.Heartbeater$$anon$1.run(Heartbeater.scala:46)
        at java.base/java.util.concurrent.Executors$RunnableAdapter.call(Exe
cutors.java:515)
        at java.base/java.util.concurrent.FutureTask.runAndReset(FutureTask.
java:305)
        at java.base/java.util.concurrent.ScheduledThreadPoolExecutor$Schedu
ledFutureTask.run(ScheduledThreadPoolExecutor.java:305)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(Threa
dPoolExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(Thre
adPoolExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUt
ils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:
310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:10
2)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoin
t$lzycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEnd
point.scala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$1(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.
scala:725)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$rece
iveAndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:1
03)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty
$MessageLoop$$receiveLoop(MessageLoop.scala:75)
        at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.sc
ala:41)
        ... 3 more
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find en
dpoint: spark://CoarseGrainedScheduler@mac.home:59840
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.sc
```

```
ala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.dispatchOrAddCallbac
k(Promise.scala:316)
        at scala.concurrent.impl.Promise$DefaultPromise.onComplete(Promise.s
cala:307)
        at scala.concurrent.impl.Promise.transformWith(Promise.scala:40)
        at scala.concurrent.impl.Promise.transformWith$(Promise.scala:38)
        at scala.concurrent.impl.Promise$DefaultPromise.transformWith(Promis
e.scala:187)
        at scala.concurrent.Future.flatMap(Future.scala:306)
        at scala.concurrent.Future.flatMap$(Future.scala:306)
        at scala.concurrent.impl.Promise$DefaultPromise.flatMap(Promise.scal
a:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.asyncSetupEndpointRefByURI
(NettyRpcEnv.scala:150)
        ... 17 more
25/10/22 09:08:59 ERROR Inbox: Ignoring error
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUt
ils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:
310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:10
2)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoin
t$lzycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEnd
point.scala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$1(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.
scala:725)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$rece
iveAndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:1
03)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty
$MessageLoop$$receiveLoop(MessageLoop.scala:75)
        at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.sc
ala:41)
```

```
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(Threa
dPoolExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(Thre
adPoolExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find en
dpoint: spark://CoarseGrainedScheduler@mac.home:59840
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.sc
ala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:
33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:
33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingEx
ecutor.scala:67)
        at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingEx
```

```
ecutor.scala:82)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.jav
a:23)
        at scala.concurrent.BlockContext$.withBlockContext(BlockContext.scal
a:85)
        at scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scal
a:59)
        at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecut
e(Future.scala:875)
        at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:
110)
        at scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scal
a:107)
        at scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.
scala:873)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.trySuccess(Promise.scala:94)
        at scala.concurrent.Promise.trySuccess$(Promise.scala:94)
        at scala.concurrent.impl.Promise$DefaultPromise.trySuccess(Promise.s
cala:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.sc
ala:225)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(Ne
ttyRpcEnv.scala:239)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$ad
apted(NettyRpcEnv.scala:238)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.Promise.success(Promise.scala:86)
        at scala.concurrent.Promise.success$(Promise.scala:86)
        at scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scal
a:187)
        at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpc
CallContext.scala:50)
```

```
        at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCall
Context.scala:32)
        at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAn
dReply$1.applyOrElse(RpcEndpointVerifier.scala:31)
        ... 8 more
25/10/22 09:08:59 WARN Executor: Issue communicating with driver in heartbea
ter
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUt
ils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:
310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:
101)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:
85)
        at org.apache.spark.storage.BlockManagerMaster.registerBlockManager
(BlockManagerMaster.scala:80)
        at org.apache.spark.storage.BlockManager.reregister(BlockManager.sca
la:642)
        at org.apache.spark.executor.Executor.reportHeartBeat(Executor.scal
a:1223)
        at org.apache.spark.executor.Executor.$anonfun$heartbeater$1(Executo
r.scala:295)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.jav
a:23)
        at org.apache.spark.util.Utils$.logUncaughtExceptions(Utils.scala:19
28)
        at org.apache.spark.Heartbeater$$anon$1.run(Heartbeater.scala:46)
        at java.base/java.util.concurrent.Executors$RunnableAdapter.call(Exe
cutors.java:515)
        at java.base/java.util.concurrent.FutureTask.runAndReset(FutureTask.
java:305)
        at java.base/java.util.concurrent.ScheduledThreadPoolExecutor$Schedu
ledFutureTask.run(ScheduledThreadPoolExecutor.java:305)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(Threa
dPoolExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(Thre
adPoolExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.SparkException: Exception thrown in awaitResult:
        at org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUt
ils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:
310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:10
2)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoin
t$lzycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEnd
point.scala:123)
```

```
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$lzycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAli
ve$1(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$sp
ark$storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.
scala:725)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$rece
iveAndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:1
03)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty
$MessageLoop$$receiveLoop(MessageLoop.scala:75)
        at org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.sc
ala:41)
        ... 3 more
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find en
dpoint: spark://CoarseGrainedScheduler@mac.home:59840
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpoin
tRefByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.sc
ala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:
33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
```

```
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:
33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingEx
ecutor.scala:67)
        at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingEx
ecutor.scala:82)
        at scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.jav
a:23)
        at scala.concurrent.BlockContext$.withBlockContext(BlockContext.scal
a:85)
        at scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scal
a:59)
        at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecut
e(Future.scala:875)
        at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:
110)
        at scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scal
a:107)
        at scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.
scala:873)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.trySuccess(Promise.scala:94)
        at scala.concurrent.Promise.trySuccess$(Promise.scala:94)
        at scala.concurrent.impl.Promise$DefaultPromise.trySuccess(Promise.s
cala:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.sc
ala:225)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(Ne
ttyRpcEnv.scala:239)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$ad
apted(NettyRpcEnv.scala:238)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.sca
la:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(Execut
ionContextImpl.scala:138)
        at scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.s
cala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
$1(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete
```

```
$1$adapted(Promise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.
scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.sca
la:187)
        at scala.concurrent.Promise.success(Promise.scala:86)
        at scala.concurrent.Promise.success$(Promise.scala:86)
        at scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scal
a:187)
        at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpc
CallContext.scala:50)
        at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCall
Context.scala:32)
        at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAn
dReply$1.applyOrElse(RpcEndpointVerifier.scala:31)
        ... 8 more
25/10/22 09:08:59 ERROR Executor: Exit as unable to send heartbeats to drive
r more than 60 times
```