assignment4

November 28, 2025

Link to Streamlit application: https://ind320-tereseivesdal.streamlit.app/

Link to Github repository: https://github.com/teresemyhre/IND320-tereseivesdal

1 AI Usage

AI tools were used to speed up development and resolve issues throughout the assignment. GitHub Copilot assisted with small code completions in VS Code, while ChatGPT was used for debugging, explanations, and improving the structure of the Streamlit pages. It helped clarify errors, align time series, implement the July–June snow-season logic, build the Sliding-Window Correlation and SARIMAX interfaces, and refine Plotly visualisations and UI decisions.

```python
[13]: # Imports
      import requests
      import pandas as pd
      from datetime import datetime, timedelta

      from pyspark.sql import SparkSession
      from pyspark.sql.functions import col

      from cassandra.cluster import Cluster

      from pymongo.mongo_client import MongoClient
      from pymongo.server_api import ServerApi
```

1.0.1 Helper

```python
[14]: # Function to generate month ranges for a given year
      def month_ranges(year):
          ranges = []
          for month in range(1, 13):
              # Calculate start and end datetime for each month
              start = datetime(year, month, 1)
              if month == 12:
                  end = datetime(year + 1, 1, 1) - timedelta(hours=1)
              else:
                  end = datetime(year, month + 1, 1) - timedelta(hours=1)
              # Append the tuple (start, end, month) to the list
```

```
            ranges.append((start, end, month))
    return ranges
```

1.0.2 Spark setup

```python
[23]: from pyspark.sql import SparkSession

      spark = (
          SparkSession.builder
          .appName("ElhubProject")
          .config("spark.jars.packages", "com.datastax.spark:
       ↪spark-cassandra-connector_2.12:3.5.1")
          .config("spark.cassandra.connection.host", "127.0.0.1")   # Cassandra in␣
       ↪Docker
          .config("spark.cassandra.connection.port", "9042")
          .config("spark.cassandra.output.consistency.level", "LOCAL_ONE")
          .config("spark.cassandra.connection.keep_alive_ms", "60000")
          .config("spark.cassandra.output.batch.size.rows", "100")
          .config("spark.cassandra.output.batch.size.bytes", "524288")   # 512 KB
          .getOrCreate()
      )

      print("Spark session connected to Cassandra.")
      spark
```

Spark session connected to Cassandra.

25/11/27 00:37:10 WARN SparkSession: Using an existing Spark session; only runtime SQL configurations will take effect.

```
[23]: <pyspark.sql.session.SparkSession at 0x10e1b75f0>
```

1.0.3 Cassandra setup

```python
[16]: # Cassandra setup
      cluster = Cluster(["localhost"])
      session = cluster.connect()

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

      # Use the keyspace
      session.set_keyspace("elhub")

      # Create tables
```

```
session.execute("""
CREATE TABLE IF NOT EXISTS production (
    pricearea text,
    productiongroup text,
    starttime timestamp,
    endtime timestamp,
    quantitykwh double,
    lastupdatedtime timestamp,
    PRIMARY KEY (pricearea, starttime, productiongroup)
);
""")

session.execute("""
CREATE TABLE IF NOT EXISTS consumption (
    pricearea text,
    consumptiongroup text,
    starttime timestamp,
    endtime timestamp,
    quantitykwh double,
    lastupdatedtime timestamp,
    meteringpointcount bigint,
    PRIMARY KEY (pricearea, starttime, consumptiongroup)
);
""")

# Confirm creation
print("Cassandra keyspace and tables created.")
```

Cassandra keyspace and tables created.

1.0.4 MongoDB setup

```
[17]: import toml
      from pymongo.mongo_client import MongoClient
      from pymongo.server_api import ServerApi

      # Load secrets.toml
      secrets = toml.load("/Users/teresemyhre/Documents/NMBU-iCloud/IND320/
       ↪IND320-tereseivesdal/.streamlit/secrets.toml")

      MONGO_URI = secrets["MONGO"]["uri"]
      MONGO_DB = secrets["MONGO"]["database"]
      # Not using the default collection from secrets.toml
      # because in Part 4 we need *two* collections
      print("Loaded MongoDB config:")
      print("URI:", MONGO_URI[:25] + "...")
      print("DB:", MONGO_DB)
```

```python
# Connect to MongoDB
client = MongoClient(MONGO_URI, server_api=ServerApi('1'))
db = client[MONGO_DB]

# Collections for Part 4
collection_prod = db["production"]     # Production table
collection_cons = db["consumption"]    # New consumption table

print("MongoDB connection established.")
```

```
Loaded MongoDB config:
URI: mongodb+srv://teresemyhre…
DB: elhub
MongoDB connection established.
```

1.0.5 Download function

```python
[18]:  # Constants
       BASE_URL = "https://api.elhub.no/energy-data/v0/price-areas"
       DATASET_PROD = "PRODUCTION_PER_GROUP_MBA_HOUR"
       DATASET_CONS = "CONSUMPTION_PER_GROUP_MBA_HOUR"

       YEARS_PROD = [2022, 2023, 2024]    # new years to fetch
       YEARS_CONS = [2021, 2022, 2023, 2024]

       # Fetch production data function
       def fetch_production(years):
           all_rows = []
           failures = []

           # Iterate over years and months to fetch production data
           for year in years:
               for start, end, m in month_ranges(year):

                   # Format start and end datetime strings with timezone offset
                   start_str = start.strftime("%Y-%m-%dT%H:%M:%S") + "%2B01:00"
                   end_str = end.strftime("%Y-%m-%dT%H:%M:%S") + "%2B01:00"

                   # Construct the URL for the API request
                   url = (
                       f"{BASE_URL}?dataset={DATASET_PROD}"
                       f"&startDate={start_str}&endDate={end_str}"
                   )

                   # Make the API request
                   r = requests.get(url, timeout=60)
```

```python
            if r.ok:
                j = r.json()
                rows = [
                    rec for item in j.get("data", [])
                    for rec in item.get("attributes", {}).get(
                        "productionPerGroupMbaHour", []
                    )
                ]
                all_rows.extend(rows)
                print(f"{year}-{m:02d}: {len(rows)} rows")
            else:
                failures.append((year, m, r.status_code))
                print(f"{year}-{m:02d}: FAILED {r.status_code}")

    # Create DataFrame from all rows
    df = pd.DataFrame(all_rows)
    if not df.empty:
        df.columns = [c.lower() for c in df.columns]

    return df, failures

# Fetch consumption data function
def fetch_consumption(years):
    all_rows = []
    failures = []

    # Iterate over years and months to fetch consumption data
    for year in years:
        for start, end, m in month_ranges(year):
            # Format start and end datetime strings with timezone offset
            start_str = start.strftime("%Y-%m-%dT%H:%M:%S") + "%2B01:00"
            end_str = end.strftime("%Y-%m-%dT%H:%M:%S") + "%2B01:00"

            # Construct the URL for the API request
            url = (
                f"{BASE_URL}?dataset={DATASET_CONS}"
                f"&startDate={start_str}&endDate={end_str}"
            )
            # Make the API request
            r = requests.get(url, timeout=60)

            if r.ok:
                j = r.json()
                rows = [
                    rec for item in j.get("data", [])
                    for rec in item.get("attributes", {}).get(
                        "consumptionPerGroupMbaHour", []
```

```
                )
            ]
            all_rows.extend(rows)
            print(f"{year}-{m:02d}: {len(rows)} rows")
        else:
            failures.append((year, m, r.status_code))
            print(f"{year}-{m:02d}: FAILED {r.status_code}")

    # Create DataFrame from all rows
    df = pd.DataFrame(all_rows)
    if not df.empty:
        df.columns = [c.lower() for c in df.columns]

    return df, failures
```

1.0.6 Fetch the data

```
[19]: # Fetch new production data
      df_production_new, failures_prod = fetch_production(YEARS_PROD)
      df_production_new.head()
```

```
2022-01: 18575 rows
2022-02: 16775 rows
2022-03: 18550 rows
2022-04: 17975 rows
2022-05: 18575 rows
2022-06: 17975 rows
2022-07: 18575 rows
2022-08: 18575 rows
2022-09: 17975 rows
2022-10: 18600 rows
2022-11: 17975 rows
2022-12: 18575 rows
2023-01: 18575 rows
2023-02: 16775 rows
2023-03: 18550 rows
2023-04: 17975 rows
2023-05: 18575 rows
2023-06: 17975 rows
2023-07: 18575 rows
2023-08: 18575 rows
2023-09: 17975 rows
2023-10: 18600 rows
2023-11: 17975 rows
2023-12: 18575 rows
2024-01: 18575 rows
2024-02: 17375 rows
2024-03: 18550 rows
```

```
2024-04: 17975 rows
2024-05: 18575 rows
2024-06: 17975 rows
2024-07: 18575 rows
2024-08: 18575 rows
2024-09: 17975 rows
2024-10: 18600 rows
2024-11: 17975 rows
2024-12: 18575 rows
```

[19]:
```
                     endtime            lastupdatedtime pricearea  \
0  2022-01-01T01:00:00+01:00  2025-02-01T18:02:57+01:00       NO1
1  2022-01-01T02:00:00+01:00  2025-02-01T18:02:57+01:00       NO1
2  2022-01-01T03:00:00+01:00  2025-02-01T18:02:57+01:00       NO1
3  2022-01-01T04:00:00+01:00  2025-02-01T18:02:57+01:00       NO1
4  2022-01-01T05:00:00+01:00  2025-02-01T18:02:57+01:00       NO1

   productiongroup  quantitykwh                  starttime
0           hydro    1291422.4  2022-01-01T00:00:00+01:00
1           hydro    1246209.4  2022-01-01T01:00:00+01:00
2           hydro    1271757.0  2022-01-01T02:00:00+01:00
3           hydro    1204251.8  2022-01-01T03:00:00+01:00
4           hydro    1202086.9  2022-01-01T04:00:00+01:00
```

[ ]:
```python
# Fetch consumption data
df_consumption, failures_cons = fetch_consumption(YEARS_CONS)
df_consumption.head()
```

```
2021-01: 18575 rows
2021-02: 16775 rows
2021-03: 18550 rows
2021-04: 17975 rows
2021-05: 18575 rows
2021-06: 17975 rows
2021-07: 18575 rows
2021-08: 18575 rows
2021-09: 17975 rows
2021-10: 18600 rows
2021-11: 17975 rows
2021-12: 18575 rows
2022-01: 18575 rows
2022-02: 16775 rows
2022-03: 18550 rows
2022-04: 17975 rows
2022-05: 18575 rows
2022-06: 17975 rows
2022-07: 18575 rows
2022-08: 18575 rows
```

```
2022-09: 17975 rows
2022-10: 18600 rows
2022-11: 17975 rows
2022-12: 18575 rows
2023-01: 18575 rows
2023-02: 16775 rows
2023-03: 18550 rows
2023-04: 17975 rows
2023-05: 18575 rows
2023-06: 17975 rows
2023-07: 18575 rows
2023-08: 18575 rows
2023-09: 17975 rows
2023-10: 18600 rows
2023-11: 17975 rows
2023-12: 18575 rows
2024-01: 18575 rows
2024-02: 17375 rows
2024-03: 18550 rows
2024-04: 17975 rows
2024-05: 18575 rows
2024-06: 17975 rows
2024-07: 18575 rows
2024-08: 18575 rows
2024-09: 17975 rows
2024-10: 18600 rows
2024-11: 17975 rows
2024-12: 18575 rows
```

```
[ ]:   consumptiongroup                      endtime           lastupdatedtime  \
    0            cabin  2021-01-01T01:00:00+01:00  2024-12-20T10:35:40+01:00
    1            cabin  2021-01-01T02:00:00+01:00  2024-12-20T10:35:40+01:00
    2            cabin  2021-01-01T03:00:00+01:00  2024-12-20T10:35:40+01:00
    3            cabin  2021-01-01T04:00:00+01:00  2024-12-20T10:35:40+01:00
    4            cabin  2021-01-01T05:00:00+01:00  2024-12-20T10:35:40+01:00

       meteringpointcount pricearea  quantitykwh                  starttime
    0              100607       NO1     177071.56  2021-01-01T00:00:00+01:00
    1              100607       NO1     171335.12  2021-01-01T01:00:00+01:00
    2              100607       NO1     164912.02  2021-01-01T02:00:00+01:00
    3              100607       NO1     160265.77  2021-01-01T03:00:00+01:00
    4              100607       NO1     159828.69  2021-01-01T04:00:00+01:00
```

1.0.7 Insert into Cassandra

```python
[21]: # Insert new production data into MongoDB
df_spark_prod = spark.createDataFrame(df_production_new)

# Convert columns to appropriate types
df_spark_prod = (
    df_spark_prod
    .withColumn("starttime", col("starttime").cast("timestamp"))
    .withColumn("endtime", col("endtime").cast("timestamp"))
    .withColumn("lastupdatedtime", col("lastupdatedtime").cast("timestamp"))
)

# Write to Cassandra
(
    df_spark_prod.write
    .format("org.apache.spark.sql.cassandra")
    .mode("append")
    .options(table="production", keyspace="elhub")
    .save()
)

print("Production data inserted into Cassandra.")
```

```
25/11/27 00:30:40 WARN TaskSetManager: Stage 2 contains a task of very large
size (8829 KiB). The maximum recommended task size is 1000 KiB.
[Stage 2:=============================================>          (6 + 2) / 8]

Production data inserted into Cassandra.
```

```python
[24]: # Insert new consumption data into MongoDB
df_spark_cons = spark.createDataFrame(df_consumption)

# Convert columns to appropriate types
df_spark_cons = (
    df_spark_cons
    .withColumn("starttime", col("starttime").cast("timestamp"))
    .withColumn("endtime", col("endtime").cast("timestamp"))
    .withColumn("lastupdatedtime", col("lastupdatedtime").cast("timestamp"))
)

# Write to Cassandra
(
    df_spark_cons.write
    .format("org.apache.spark.sql.cassandra")
    .mode("append")
    .options(table="consumption", keyspace="elhub")
```

```
        .save()
)

print("Consumption data inserted into Cassandra.")
```

25/11/27 00:38:35 WARN DeprecatedConfigParameter:
spark.cassandra.connection.keep_alive_ms is deprecated (DSE 6.0.0) and has been
automatically replaced with parameter spark.cassandra.connection.keepAliveMS.
25/11/27 00:38:35 WARN DeprecatedConfigParameter:
spark.cassandra.connection.keep_alive_ms is deprecated (DSE 6.0.0) and has been
automatically replaced with parameter spark.cassandra.connection.keepAliveMS.
25/11/27 00:38:35 WARN DeprecatedConfigParameter:
spark.cassandra.connection.keep_alive_ms is deprecated (DSE 6.0.0) and has been
automatically replaced with parameter spark.cassandra.connection.keepAliveMS.
25/11/27 00:38:36 WARN TaskSetManager: Stage 4 contains a task of very large
size (12344 KiB). The maximum recommended task size is 1000 KiB.
[Stage 4:>   (0 + 8) / 8]

Consumption data inserted into Cassandra.

1.0.8 Insert into MongoDB

```
[25]: df_mongo_prod = df_spark_prod.select(
          "pricearea",
          "productiongroup",
          "starttime",
          "endtime",
          "quantitykwh",
          "lastupdatedtime"
      ).toPandas()

      collection_prod.insert_many(df_mongo_prod.to_dict("records"))
      print("Production data inserted into MongoDB.")
```

25/11/27 00:43:25 WARN TaskSetManager: Stage 5 contains a task of very large
size (8829 KiB). The maximum recommended task size is 1000 KiB.

Production data inserted into MongoDB.

```
[26]: df_mongo_cons = df_spark_cons.select(
          "pricearea",
          "consumptiongroup",
          "starttime",
          "endtime",
          "quantitykwh",
          "lastupdatedtime",
          "meteringpointcount"
```

```
).toPandas()

collection_cons.insert_many(df_mongo_cons.to_dict("records"))
print("Consumption data inserted into MongoDB.")
```

25/11/27 00:49:07 WARN TaskSetManager: Stage 6 contains a task of very large
size (12344 KiB). The maximum recommended task size is 1000 KiB.

Consumption data inserted into MongoDB.

25/11/27 06:57:11 WARN HeartbeatReceiver: Removing executor driver with no
recent heartbeats: 2165980 ms exceeds timeout 120000 ms
25/11/27 06:57:11 WARN SparkContext: Killing executors is not supported by
current scheduler.
25/11/27 06:57:17 ERROR Inbox: Ignoring error
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at
org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$lz
ycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpoint.sc
ala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$l
zycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$1
(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.scala:72
5)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receiveA
ndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$sparkrpcnetty$Mes
sageLoop$$receiveLoop(MessageLoop.scala:75)
        at
org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.scala:41)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoo
lExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPo
olExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
```

```
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find
endpoint: spark://CoarseGrainedScheduler@192.168.1.62:64070
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at
scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.scala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.dispatchOrAddCallback(Pr
omise.scala:316)
        at
scala.concurrent.impl.Promise$DefaultPromise.onComplete(Promise.scala:307)
        at scala.concurrent.impl.Promise.transformWith(Promise.scala:40)
        at scala.concurrent.impl.Promise.transformWith$(Promise.scala:38)
        at
scala.concurrent.impl.Promise$DefaultPromise.transformWith(Promise.scala:187)
        at scala.concurrent.Future.flatMap(Future.scala:306)
        at scala.concurrent.Future.flatMap$(Future.scala:306)
        at
scala.concurrent.impl.Promise$DefaultPromise.flatMap(Promise.scala:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.asyncSetupEndpointRefByURI(Net
tyRpcEnv.scala:150)
        … 17 more
25/11/27 06:57:17 WARN Executor: Issue communicating with driver in heartbeater
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at
org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:101)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:85)
        at org.apache.spark.storage.BlockManagerMaster.registerBlockManager(Bloc
kManagerMaster.scala:80)
        at
org.apache.spark.storage.BlockManager.reregister(BlockManager.scala:642)
        at
org.apache.spark.executor.Executor.reportHeartBeat(Executor.scala:1223)
        at
org.apache.spark.executor.Executor.$anonfun$heartbeater$1(Executor.scala:295)
        at
```

```
scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
        at org.apache.spark.util.Utils$.logUncaughtExceptions(Utils.scala:1928)
        at org.apache.spark.Heartbeater$$anon$1.run(Heartbeater.scala:46)
        at java.base/java.util.concurrent.Executors$RunnableAdapter.call(Executo
rs.java:515)
        at
java.base/java.util.concurrent.FutureTask.runAndReset(FutureTask.java:305)
        at java.base/java.util.concurrent.ScheduledThreadPoolExecutor$ScheduledF
utureTask.run(ScheduledThreadPoolExecutor.java:305)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoo
lExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPo
olExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.SparkException: Exception thrown in awaitResult:
        at
org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$lz
ycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpoint.sc
ala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$l
zycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$1
(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.scala:72
5)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receiveA
ndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$Mes
sageLoop$$receiveLoop(MessageLoop.scala:75)
        at
org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.scala:41)
        … 3 more
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find
endpoint: spark://CoarseGrainedScheduler@192.168.1.62:64070
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1(NettyRpcEnv.scala:148)
```

```
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at
scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.scala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.dispatchOrAddCallback(Pr
omise.scala:316)
        at
scala.concurrent.impl.Promise$DefaultPromise.onComplete(Promise.scala:307)
        at scala.concurrent.impl.Promise.transformWith(Promise.scala:40)
        at scala.concurrent.impl.Promise.transformWith$(Promise.scala:38)
        at
scala.concurrent.impl.Promise$DefaultPromise.transformWith(Promise.scala:187)
        at scala.concurrent.Future.flatMap(Future.scala:306)
        at scala.concurrent.Future.flatMap$(Future.scala:306)
        at
scala.concurrent.impl.Promise$DefaultPromise.flatMap(Promise.scala:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.asyncSetupEndpointRefByURI(Net
tyRpcEnv.scala:150)
        … 17 more
25/11/27 06:57:26 WARN Executor: Issue communicating with driver in heartbeater
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at
org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:101)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:85)
        at org.apache.spark.storage.BlockManagerMaster.registerBlockManager(Bloc
kManagerMaster.scala:80)
        at
org.apache.spark.storage.BlockManager.reregister(BlockManager.scala:642)
        at
org.apache.spark.executor.Executor.reportHeartBeat(Executor.scala:1223)
        at
org.apache.spark.executor.Executor.$anonfun$heartbeater$1(Executor.scala:295)
        at
scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
        at org.apache.spark.util.Utils$.logUncaughtExceptions(Utils.scala:1928)
        at org.apache.spark.Heartbeater$$anon$1.run(Heartbeater.scala:46)
        at java.base/java.util.concurrent.Executors$RunnableAdapter.call(Executo
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rs.java:515)
        at
java.base/java.util.concurrent.FutureTask.runAndReset(FutureTask.java:305)
        at java.base/java.util.concurrent.ScheduledThreadPoolExecutor$ScheduledF
utureTask.run(ScheduledThreadPoolExecutor.java:305)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoo
lExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPo
olExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.SparkException: Exception thrown in awaitResult:
        at
org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
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        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$lz
ycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpoint.sc
ala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$l
zycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$1
(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.scala:72
5)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receiveA
ndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$sparkrpcnetty$Mes
sageLoop$$receiveLoop(MessageLoop.scala:75)
        at
org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.scala:41)
        … 3 more
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find
endpoint: spark://CoarseGrainedScheduler@192.168.1.62:64070
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI1adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at

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scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.scala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.dispatchOrAddCallback(Pr
omise.scala:316)
        at
scala.concurrent.impl.Promise$DefaultPromise.onComplete(Promise.scala:307)
        at scala.concurrent.impl.Promise.transformWith(Promise.scala:40)
        at scala.concurrent.impl.Promise.transformWith$(Promise.scala:38)
        at
scala.concurrent.impl.Promise$DefaultPromise.transformWith(Promise.scala:187)
        at scala.concurrent.Future.flatMap(Future.scala:306)
        at scala.concurrent.Future.flatMap$(Future.scala:306)
        at
scala.concurrent.impl.Promise$DefaultPromise.flatMap(Promise.scala:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.asyncSetupEndpointRefByURI(Net
tyRpcEnv.scala:150)
        … 17 more
25/11/27 06:57:26 ERROR Inbox: Ignoring error
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at
org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
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        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$lz
ycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpoint.sc
ala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$l
zycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$1
(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.scala:72
5)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receiveA
ndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
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        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$Mes
sageLoop$$receiveLoop(MessageLoop.scala:75)
        at
org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.scala:41)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoo
lExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPo
olExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find
endpoint: spark://CoarseGrainedScheduler@192.168.1.62:64070
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at
scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.scala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.dispatchOrAddCallback(Pr
omise.scala:316)
        at
scala.concurrent.impl.Promise$DefaultPromise.onComplete(Promise.scala:307)
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        at scala.concurrent.impl.Promise.transformWith$(Promise.scala:38)
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scala.concurrent.impl.Promise$DefaultPromise.transformWith(Promise.scala:187)
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        at scala.concurrent.Future.flatMap$(Future.scala:306)
        at
scala.concurrent.impl.Promise$DefaultPromise.flatMap(Promise.scala:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.asyncSetupEndpointRefByURI(Net
tyRpcEnv.scala:150)
        … 17 more
25/11/27 07:43:51 WARN Executor: Issue communicating with driver in heartbeater
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at
org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.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)
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        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:85)
        at org.apache.spark.storage.BlockManagerMaster.registerBlockManager(Bloc
kManagerMaster.scala:80)
        at
org.apache.spark.storage.BlockManager.reregister(BlockManager.scala:642)
        at
org.apache.spark.executor.Executor.reportHeartBeat(Executor.scala:1223)
        at
org.apache.spark.executor.Executor.$anonfun$heartbeater$1(Executor.scala:295)
        at
scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
        at org.apache.spark.util.Utils$.logUncaughtExceptions(Utils.scala:1928)
        at org.apache.spark.Heartbeater$$anon$1.run(Heartbeater.scala:46)
        at java.base/java.util.concurrent.Executors$RunnableAdapter.call(Executo
rs.java:515)
        at
java.base/java.util.concurrent.FutureTask.runAndReset(FutureTask.java:305)
        at java.base/java.util.concurrent.ScheduledThreadPoolExecutor$ScheduledF
utureTask.run(ScheduledThreadPoolExecutor.java:305)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoo
lExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPo
olExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
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        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$lz
ycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpoint.sc
ala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$l
zycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$1
(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.scala:72
5)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receiveA
ndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
```

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        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$Mes
sageLoop$$receiveLoop(MessageLoop.scala:75)
        at
org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.scala:41)
        … 3 more
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find
endpoint: spark://CoarseGrainedScheduler@192.168.1.62:64070
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at
scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.scala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.dispatchOrAddCallback(Pr
omise.scala:316)
        at
scala.concurrent.impl.Promise$DefaultPromise.onComplete(Promise.scala:307)
        at scala.concurrent.impl.Promise.transformWith(Promise.scala:40)
        at scala.concurrent.impl.Promise.transformWith$(Promise.scala:38)
        at
scala.concurrent.impl.Promise$DefaultPromise.transformWith(Promise.scala:187)
        at scala.concurrent.Future.flatMap(Future.scala:306)
        at scala.concurrent.Future.flatMap$(Future.scala:306)
        at
scala.concurrent.impl.Promise$DefaultPromise.flatMap(Promise.scala:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.asyncSetupEndpointRefByURI(Net
tyRpcEnv.scala:150)
        … 17 more
25/11/27 07:43:51 ERROR Inbox: Ignoring error
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at
org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
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        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$lz
ycompute(BlockManagerMasterEndpoint.scala:124)
```

```
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpoint.sc
ala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$l
zycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$1
(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.scala:72
5)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receiveA
ndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
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sageLoop$$receiveLoop(MessageLoop.scala:75)
        at
org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.scala:41)
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lExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPo
olExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find
endpoint: spark://CoarseGrainedScheduler@192.168.1.62:64070
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at
scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.scala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
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org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
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scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.dispatchOrAddCallback(Pr
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scala.concurrent.impl.Promise$DefaultPromise.onComplete(Promise.scala:307)
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scala.concurrent.impl.Promise$DefaultPromise.transformWith(Promise.scala:187)
```

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        at scala.concurrent.Future.flatMap(Future.scala:306)
        at scala.concurrent.Future.flatMap$(Future.scala:306)
        at
scala.concurrent.impl.Promise$DefaultPromise.flatMap(Promise.scala:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.asyncSetupEndpointRefByURI(Net
tyRpcEnv.scala:150)
        … 17 more
25/11/27 07:44:01 ERROR Inbox: Ignoring error
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at
org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$lz
ycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpoint.sc
ala:123)
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zycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$1
(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
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endpoint: spark://CoarseGrainedScheduler@192.168.1.62:64070
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1$adapted(NettyRpcEnv.scala:144)
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        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
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scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.scala:41)
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org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
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omise.scala:316)
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scala.concurrent.impl.Promise$DefaultPromise.onComplete(Promise.scala:307)
        at scala.concurrent.impl.Promise.transformWith(Promise.scala:40)
        at scala.concurrent.impl.Promise.transformWith$(Promise.scala:38)
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        at scala.concurrent.Future.flatMap$(Future.scala:306)
        at
scala.concurrent.impl.Promise$DefaultPromise.flatMap(Promise.scala:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.asyncSetupEndpointRefByURI(Net
tyRpcEnv.scala:150)
        … 17 more
25/11/27 07:44:01 WARN Executor: Issue communicating with driver in heartbeater
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at
org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:101)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:85)
        at org.apache.spark.storage.BlockManagerMaster.registerBlockManager(Bloc
kManagerMaster.scala:80)
        at
org.apache.spark.storage.BlockManager.reregister(BlockManager.scala:642)
        at
org.apache.spark.executor.Executor.reportHeartBeat(Executor.scala:1223)
        at
org.apache.spark.executor.Executor.$anonfun$heartbeater$1(Executor.scala:295)
        at
scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
        at org.apache.spark.util.Utils$.logUncaughtExceptions(Utils.scala:1928)
        at org.apache.spark.Heartbeater$$anon$1.run(Heartbeater.scala:46)
        at java.base/java.util.concurrent.Executors$RunnableAdapter.call(Executo
rs.java:515)
        at
```

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java.base/java.util.concurrent.FutureTask.runAndReset(FutureTask.java:305)
        at java.base/java.util.concurrent.ScheduledThreadPoolExecutor$ScheduledF
utureTask.run(ScheduledThreadPoolExecutor.java:305)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoo
lExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPo
olExecutor.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$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$lz
ycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpoint.sc
ala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$l
zycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$1
(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.scala:72
5)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receiveA
ndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$Mes
sageLoop$$receiveLoop(MessageLoop.scala:75)
        at
org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.scala:41)
        … 3 more
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find
endpoint: spark://CoarseGrainedScheduler@192.168.1.62:64070
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at
scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.scala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
```

```
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.dispatchOrAddCallback(Pr
omise.scala:316)
        at
scala.concurrent.impl.Promise$DefaultPromise.onComplete(Promise.scala:307)
        at scala.concurrent.impl.Promise.transformWith(Promise.scala:40)
        at scala.concurrent.impl.Promise.transformWith$(Promise.scala:38)
        at
scala.concurrent.impl.Promise$DefaultPromise.transformWith(Promise.scala:187)
        at scala.concurrent.Future.flatMap(Future.scala:306)
        at scala.concurrent.Future.flatMap$(Future.scala:306)
        at
scala.concurrent.impl.Promise$DefaultPromise.flatMap(Promise.scala:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.asyncSetupEndpointRefByURI(Net
tyRpcEnv.scala:150)
        … 17 more
25/11/27 07:44:11 ERROR Inbox: Ignoring error
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at
org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$lz
ycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpoint.sc
ala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$l
zycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$1
(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.scala:72
5)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receiveA
ndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$Mes
```

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sageLoop$$receiveLoop(MessageLoop.scala:75)
        at
org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.scala:41)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoo
lExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPo
olExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find
endpoint: spark://CoarseGrainedScheduler@192.168.1.62:64070
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at
scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.scala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.dispatchOrAddCallback(Pr
omise.scala:316)
        at
scala.concurrent.impl.Promise$DefaultPromise.onComplete(Promise.scala:307)
        at scala.concurrent.impl.Promise.transformWith(Promise.scala:40)
        at scala.concurrent.impl.Promise.transformWith$(Promise.scala:38)
        at
scala.concurrent.impl.Promise$DefaultPromise.transformWith(Promise.scala:187)
        at scala.concurrent.Future.flatMap(Future.scala:306)
        at scala.concurrent.Future.flatMap$(Future.scala:306)
        at
scala.concurrent.impl.Promise$DefaultPromise.flatMap(Promise.scala:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.asyncSetupEndpointRefByURI(Net
tyRpcEnv.scala:150)
        … 17 more
25/11/27 07:44:11 WARN Executor: Issue communicating with driver in heartbeater
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at
org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.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(Bloc
```

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kManagerMaster.scala:80)
        at
org.apache.spark.storage.BlockManager.reregister(BlockManager.scala:642)
        at
org.apache.spark.executor.Executor.reportHeartBeat(Executor.scala:1223)
        at
org.apache.spark.executor.Executor.$anonfun$heartbeater$1(Executor.scala:295)
        at
scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
        at org.apache.spark.util.Utils$.logUncaughtExceptions(Utils.scala:1928)
        at org.apache.spark.Heartbeater$$anon$1.run(Heartbeater.scala:46)
        at java.base/java.util.concurrent.Executors$RunnableAdapter.call(Executo
rs.java:515)
        at
java.base/java.util.concurrent.FutureTask.runAndReset(FutureTask.java:305)
        at java.base/java.util.concurrent.ScheduledThreadPoolExecutor$ScheduledF
utureTask.run(ScheduledThreadPoolExecutor.java:305)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoo
lExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPo
olExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.SparkException: Exception thrown in awaitResult:
        at
org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$lz
ycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpoint.sc
ala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$l
zycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$1
(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.scala:72
5)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receiveA
ndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$Mes
```

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sageLoop$$receiveLoop(MessageLoop.scala:75)
        at
org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.scala:41)
        … 3 more
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find
endpoint: spark://CoarseGrainedScheduler@192.168.1.62:64070
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at
scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.scala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.dispatchOrAddCallback(Pr
omise.scala:316)
        at
scala.concurrent.impl.Promise$DefaultPromise.onComplete(Promise.scala:307)
        at scala.concurrent.impl.Promise.transformWith(Promise.scala:40)
        at scala.concurrent.impl.Promise.transformWith$(Promise.scala:38)
        at
scala.concurrent.impl.Promise$DefaultPromise.transformWith(Promise.scala:187)
        at scala.concurrent.Future.flatMap(Future.scala:306)
        at scala.concurrent.Future.flatMap$(Future.scala:306)
        at
scala.concurrent.impl.Promise$DefaultPromise.flatMap(Promise.scala:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.asyncSetupEndpointRefByURI(Net
tyRpcEnv.scala:150)
        … 17 more
25/11/27 07:44:21 WARN Executor: Issue communicating with driver in heartbeater
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at
org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.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(Bloc
kManagerMaster.scala:80)
        at
org.apache.spark.storage.BlockManager.reregister(BlockManager.scala:642)
        at
```

```
org.apache.spark.executor.Executor.reportHeartBeat(Executor.scala:1223)
        at
org.apache.spark.executor.Executor.$anonfun$heartbeater$1(Executor.scala:295)
        at
scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
        at org.apache.spark.util.Utils$.logUncaughtExceptions(Utils.scala:1928)
        at org.apache.spark.Heartbeater$$anon$1.run(Heartbeater.scala:46)
        at java.base/java.util.concurrent.Executors$RunnableAdapter.call(Executo
rs.java:515)
        at
java.base/java.util.concurrent.FutureTask.runAndReset(FutureTask.java:305)
        at java.base/java.util.concurrent.ScheduledThreadPoolExecutor$ScheduledF
utureTask.run(ScheduledThreadPoolExecutor.java:305)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoo
lExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPo
olExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.SparkException: Exception thrown in awaitResult:
        at
org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$lz
ycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpoint.sc
ala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$l
zycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$1
(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.scala:72
5)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receiveA
ndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$Mes
sageLoop$$receiveLoop(MessageLoop.scala:75)
        at
org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.scala:41)
        … 3 more
```

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Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find
endpoint: spark://CoarseGrainedScheduler@192.168.1.62:64070
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at
scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.scala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.dispatchOrAddCallback(Pr
omise.scala:316)
        at
scala.concurrent.impl.Promise$DefaultPromise.onComplete(Promise.scala:307)
        at scala.concurrent.impl.Promise.transformWith(Promise.scala:40)
        at scala.concurrent.impl.Promise.transformWith$(Promise.scala:38)
        at
scala.concurrent.impl.Promise$DefaultPromise.transformWith(Promise.scala:187)
        at scala.concurrent.Future.flatMap(Future.scala:306)
        at scala.concurrent.Future.flatMap$(Future.scala:306)
        at
scala.concurrent.impl.Promise$DefaultPromise.flatMap(Promise.scala:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.asyncSetupEndpointRefByURI(Net
tyRpcEnv.scala:150)
        … 17 more
25/11/27 07:44:21 ERROR Inbox: Ignoring error
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at
org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$lz
ycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpoint.sc
ala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$l
zycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$1
```

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(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.scala:72
5)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receiveA
ndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$Mes
sageLoop$$receiveLoop(MessageLoop.scala:75)
        at
org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.scala:41)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoo
lExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPo
olExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find
endpoint: spark://CoarseGrainedScheduler@192.168.1.62:64070
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at
scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.scala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.dispatchOrAddCallback(Pr
omise.scala:316)
        at
scala.concurrent.impl.Promise$DefaultPromise.onComplete(Promise.scala:307)
        at scala.concurrent.impl.Promise.transformWith(Promise.scala:40)
        at scala.concurrent.impl.Promise.transformWith$(Promise.scala:38)
        at
scala.concurrent.impl.Promise$DefaultPromise.transformWith(Promise.scala:187)
        at scala.concurrent.Future.flatMap(Future.scala:306)
        at scala.concurrent.Future.flatMap$(Future.scala:306)
        at
scala.concurrent.impl.Promise$DefaultPromise.flatMap(Promise.scala:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.asyncSetupEndpointRefByURI(Net
tyRpcEnv.scala:150)
```

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        … 17 more
25/11/27 07:59:58 ERROR Inbox: Ignoring error
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at
org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$lz
ycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpoint.sc
ala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$l
zycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$1
(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.scala:72
5)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receiveA
ndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$Mes
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        at
org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.scala:41)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoo
lExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPo
olExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find
endpoint: spark://CoarseGrainedScheduler@192.168.1.62:64070
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at
scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.scala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
```

```
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.dispatchOrAddCallback(Pr
omise.scala:316)
        at
scala.concurrent.impl.Promise$DefaultPromise.onComplete(Promise.scala:307)
        at scala.concurrent.impl.Promise.transformWith(Promise.scala:40)
        at scala.concurrent.impl.Promise.transformWith$(Promise.scala:38)
        at
scala.concurrent.impl.Promise$DefaultPromise.transformWith(Promise.scala:187)
        at scala.concurrent.Future.flatMap(Future.scala:306)
        at scala.concurrent.Future.flatMap$(Future.scala:306)
        at
scala.concurrent.impl.Promise$DefaultPromise.flatMap(Promise.scala:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.asyncSetupEndpointRefByURI(Net
tyRpcEnv.scala:150)
        … 17 more
25/11/27 07:59:58 WARN Executor: Issue communicating with driver in heartbeater
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at
org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:101)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:85)
        at org.apache.spark.storage.BlockManagerMaster.registerBlockManager(Bloc
kManagerMaster.scala:80)
        at
org.apache.spark.storage.BlockManager.reregister(BlockManager.scala:642)
        at
org.apache.spark.executor.Executor.reportHeartBeat(Executor.scala:1223)
        at
org.apache.spark.executor.Executor.$anonfun$heartbeater$1(Executor.scala:295)
        at
scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
        at org.apache.spark.util.Utils$.logUncaughtExceptions(Utils.scala:1928)
        at org.apache.spark.Heartbeater$$anon$1.run(Heartbeater.scala:46)
        at java.base/java.util.concurrent.Executors$RunnableAdapter.call(Executo
rs.java:515)
        at
java.base/java.util.concurrent.FutureTask.runAndReset(FutureTask.java:305)
        at java.base/java.util.concurrent.ScheduledThreadPoolExecutor$ScheduledF
utureTask.run(ScheduledThreadPoolExecutor.java:305)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoo
lExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPo
```

```
olExecutor.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$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$lz
ycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpoint.sc
ala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$l
zycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$1
(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.scala:72
5)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receiveA
ndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$Mes
sageLoop$$receiveLoop(MessageLoop.scala:75)
        at
org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.scala:41)
        … 3 more
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find
endpoint: spark://CoarseGrainedScheduler@192.168.1.62:64070
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at
scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.scala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
```

```
        at scala.concurrent.impl.Promise$DefaultPromise.dispatchOrAddCallback(Pr
omise.scala:316)
        at
scala.concurrent.impl.Promise$DefaultPromise.onComplete(Promise.scala: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(Promise.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.scala:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.asyncSetupEndpointRefByURI(Net
tyRpcEnv.scala:150)
        … 17 more
25/11/27 08:00:08 WARN Executor: Issue communicating with driver in heartbeater
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at
org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.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(Bloc
kManagerMaster.scala:80)
        at
org.apache.spark.storage.BlockManager.reregister(BlockManager.scala:642)
        at
org.apache.spark.executor.Executor.reportHeartBeat(Executor.scala:1223)
        at
org.apache.spark.executor.Executor.$anonfun$heartbeater$1(Executor.scala:295)
        at
scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
        at org.apache.spark.util.Utils$.logUncaughtExceptions(Utils.scala:1928)
        at org.apache.spark.Heartbeater$$anon$1.run(Heartbeater.scala:46)
        at java.base/java.util.concurrent.Executors$RunnableAdapter.call(Executo
rs.java:515)
        at
java.base/java.util.concurrent.FutureTask.runAndReset(FutureTask.java:305)
        at java.base/java.util.concurrent.ScheduledThreadPoolExecutor$ScheduledF
utureTask.run(ScheduledThreadPoolExecutor.java:305)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoo
lExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPo
olExecutor.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$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$lz
ycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpoint.sc
ala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$l
zycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$1
(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.scala:72
5)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receiveA
ndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$Mes
sageLoop$$receiveLoop(MessageLoop.scala:75)
        at
org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.scala:41)
        … 3 more
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find
endpoint: spark://CoarseGrainedScheduler@192.168.1.62:64070
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at
scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.scala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.dispatchOrAddCallback(Pr
omise.scala:316)
        at
scala.concurrent.impl.Promise$DefaultPromise.onComplete(Promise.scala:307)
```

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        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(Promise.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.scala:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.asyncSetupEndpointRefByURI(Net
tyRpcEnv.scala:150)
        … 17 more
25/11/27 08:00:08 ERROR Inbox: Ignoring error
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at
org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$lz
ycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpoint.sc
ala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$l
zycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$1
(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.scala:72
5)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receiveA
ndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$Mes
sageLoop$$receiveLoop(MessageLoop.scala:75)
        at
org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.scala:41)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoo
lExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPo
olExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find
endpoint: spark://CoarseGrainedScheduler@192.168.1.62:64070
```

```
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at
scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.scala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.dispatchOrAddCallback(Pr
omise.scala:316)
        at
scala.concurrent.impl.Promise$DefaultPromise.onComplete(Promise.scala:307)
        at scala.concurrent.impl.Promise.transformWith(Promise.scala:40)
        at scala.concurrent.impl.Promise.transformWith$(Promise.scala:38)
        at
scala.concurrent.impl.Promise$DefaultPromise.transformWith(Promise.scala:187)
        at scala.concurrent.Future.flatMap(Future.scala:306)
        at scala.concurrent.Future.flatMap$(Future.scala:306)
        at
scala.concurrent.impl.Promise$DefaultPromise.flatMap(Promise.scala:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.asyncSetupEndpointRefByURI(Net
tyRpcEnv.scala:150)
        … 17 more
25/11/27 08:08:01 ERROR Inbox: Ignoring error
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at
org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$lz
ycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpoint.sc
ala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$l
zycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$1
(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
```

```
storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.scala:72
5)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receiveA
ndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$Mes
sageLoop$$receiveLoop(MessageLoop.scala:75)
        at
org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.scala:41)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoo
lExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPo
olExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find
endpoint: spark://CoarseGrainedScheduler@192.168.1.62:64070
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at
scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.scala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.dispatchOrAddCallback(Pr
omise.scala:316)
        at
scala.concurrent.impl.Promise$DefaultPromise.onComplete(Promise.scala:307)
        at scala.concurrent.impl.Promise.transformWith(Promise.scala:40)
        at scala.concurrent.impl.Promise.transformWith$(Promise.scala:38)
        at
scala.concurrent.impl.Promise$DefaultPromise.transformWith(Promise.scala:187)
        at scala.concurrent.Future.flatMap(Future.scala:306)
        at scala.concurrent.Future.flatMap$(Future.scala:306)
        at
scala.concurrent.impl.Promise$DefaultPromise.flatMap(Promise.scala:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.asyncSetupEndpointRefByURI(Net
tyRpcEnv.scala:150)
        … 17 more
25/11/27 08:08:01 WARN Executor: Issue communicating with driver in heartbeater
```

```
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at
org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.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(Bloc
kManagerMaster.scala:80)
        at
org.apache.spark.storage.BlockManager.reregister(BlockManager.scala:642)
        at
org.apache.spark.executor.Executor.reportHeartBeat(Executor.scala:1223)
        at
org.apache.spark.executor.Executor.$anonfun$heartbeater$1(Executor.scala:295)
        at
scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
        at org.apache.spark.util.Utils$.logUncaughtExceptions(Utils.scala:1928)
        at org.apache.spark.Heartbeater$$anon$1.run(Heartbeater.scala:46)
        at java.base/java.util.concurrent.Executors$RunnableAdapter.call(Executo
rs.java:515)
        at
java.base/java.util.concurrent.FutureTask.runAndReset(FutureTask.java:305)
        at java.base/java.util.concurrent.ScheduledThreadPoolExecutor$ScheduledF
utureTask.run(ScheduledThreadPoolExecutor.java:305)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoo
lExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPo
olExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.SparkException: Exception thrown in awaitResult:
        at
org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$lz
ycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpoint.sc
ala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$l
zycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$1
(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
```

```
storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.scala:72
5)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receiveA
ndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$Mes
sageLoop$$receiveLoop(MessageLoop.scala:75)
        at
org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.scala:41)
        … 3 more
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find
endpoint: spark://CoarseGrainedScheduler@192.168.1.62:64070
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at
scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.scala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.dispatchOrAddCallback(Pr
omise.scala:316)
        at
scala.concurrent.impl.Promise$DefaultPromise.onComplete(Promise.scala:307)
        at scala.concurrent.impl.Promise.transformWith(Promise.scala:40)
        at scala.concurrent.impl.Promise.transformWith$(Promise.scala:38)
        at
scala.concurrent.impl.Promise$DefaultPromise.transformWith(Promise.scala:187)
        at scala.concurrent.Future.flatMap(Future.scala:306)
        at scala.concurrent.Future.flatMap$(Future.scala:306)
        at
scala.concurrent.impl.Promise$DefaultPromise.flatMap(Promise.scala:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.asyncSetupEndpointRefByURI(Net
tyRpcEnv.scala:150)
        … 17 more
25/11/27 08:08:10 ERROR Inbox: Ignoring error
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at
org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.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:102)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$lz
ycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpoint.sc
ala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$l
zycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$1
(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.scala:72
5)
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ndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
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        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoo
lExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPo
olExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find
endpoint: spark://CoarseGrainedScheduler@192.168.1.62:64070
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
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scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.scala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
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org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
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ontextImpl.scala:138)
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        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$lz
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endpoint: spark://CoarseGrainedScheduler@192.168.1.62:64070
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1(NettyRpcEnv.scala:148)
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        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$lz
ycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpoint.sc
ala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$l
zycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$1
(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.scala:72
5)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receiveA
ndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$Mes
sageLoop$$receiveLoop(MessageLoop.scala:75)
        at
```

```
org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.scala:41)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoo
lExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPo
olExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find
endpoint: spark://CoarseGrainedScheduler@192.168.1.62:64070
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at
scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.scala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.dispatchOrAddCallback(Pr
omise.scala:316)
        at
scala.concurrent.impl.Promise$DefaultPromise.onComplete(Promise.scala:307)
        at scala.concurrent.impl.Promise.transformWith(Promise.scala:40)
        at scala.concurrent.impl.Promise.transformWith$(Promise.scala:38)
        at
scala.concurrent.impl.Promise$DefaultPromise.transformWith(Promise.scala:187)
        at scala.concurrent.Future.flatMap(Future.scala:306)
        at scala.concurrent.Future.flatMap$(Future.scala:306)
        at
scala.concurrent.impl.Promise$DefaultPromise.flatMap(Promise.scala:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.asyncSetupEndpointRefByURI(Net
tyRpcEnv.scala:150)
        … 17 more
25/11/27 08:08:40 ERROR Inbox: Ignoring error
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at
org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$lz
ycompute(BlockManagerMasterEndpoint.scala:124)
```

```
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpoint.sc
ala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$l
zycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$1
(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.scala:72
5)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receiveA
ndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$Mes
sageLoop$$receiveLoop(MessageLoop.scala:75)
        at
org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.scala:41)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoo
lExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPo
olExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find
endpoint: spark://CoarseGrainedScheduler@192.168.1.62:64070
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at
scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.scala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(Promise.scala:288)
        at
scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
```

```
        at
scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(Promise.scala:288)
        at
scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at
scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingExecut
or.scala:67)
        at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingExecut
or.scala:82)
        at
scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
        at
scala.concurrent.BlockContext$.withBlockContext(BlockContext.scala:85)
        at
scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scala:59)
        at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecute(Fu
ture.scala:875)
        at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:110)
        at
scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scala:107)
        at
scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.scala:873)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(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.scala:187)
        at
org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.scala:225)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(NettyR
pcEnv.scala:239)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$adapte
d(NettyRpcEnv.scala:238)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(Promise.scala:288)
        at
scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at
scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.Promise.success(Promise.scala:86)
        at scala.concurrent.Promise.success$(Promise.scala:86)
        at
scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scala:187)
        at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpcCall
Context.scala:50)
        at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCallCont
ext.scala:32)
        at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAndRep
ly$1.applyOrElse(RpcEndpointVerifier.scala:31)
        … 8 more
25/11/27 08:08:40 WARN Executor: Issue communicating with driver in heartbeater
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at
org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.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(Bloc
kManagerMaster.scala:80)
        at
```

```
org.apache.spark.storage.BlockManager.reregister(BlockManager.scala:642)
        at
org.apache.spark.executor.Executor.reportHeartBeat(Executor.scala:1223)
        at
org.apache.spark.executor.Executor.$anonfun$heartbeater$1(Executor.scala:295)
        at
scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
        at org.apache.spark.util.Utils$.logUncaughtExceptions(Utils.scala:1928)
        at org.apache.spark.Heartbeater$$anon$1.run(Heartbeater.scala:46)
        at java.base/java.util.concurrent.Executors$RunnableAdapter.call(Executo
rs.java:515)
        at
java.base/java.util.concurrent.FutureTask.runAndReset(FutureTask.java:305)
        at java.base/java.util.concurrent.ScheduledThreadPoolExecutor$ScheduledF
utureTask.run(ScheduledThreadPoolExecutor.java:305)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoo
lExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPo
olExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.SparkException: Exception thrown in awaitResult:
        at
org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$lz
ycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpoint.sc
ala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$l
zycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$1
(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.scala:72
5)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receiveA
ndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$Mes
sageLoop$$receiveLoop(MessageLoop.scala:75)
        at
```

```
org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.scala:41)
        … 3 more
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find
endpoint: spark://CoarseGrainedScheduler@192.168.1.62:64070
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at
scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.scala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(Promise.scala:288)
        at
scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at
scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(Promise.scala:288)
        at
scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at
scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
```

```
        at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingExecut
or.scala:67)
        at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingExecut
or.scala:82)
        at
scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
        at
scala.concurrent.BlockContext$.withBlockContext(BlockContext.scala:85)
        at
scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scala:59)
        at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecute(Fu
ture.scala:875)
        at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:110)
        at
scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scala:107)
        at
scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.scala:873)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(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.scala:187)
        at
org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.scala:225)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(NettyR
pcEnv.scala:239)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$adapte
d(NettyRpcEnv.scala:238)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(Promise.scala:288)
        at
scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
```

```
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at
scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala: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.scala:187)
        at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpcCall
Context.scala:50)
        at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCallCont
ext.scala:32)
        at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAndRep
ly$1.applyOrElse(RpcEndpointVerifier.scala:31)
        … 8 more
25/11/27 08:08:50 WARN Executor: Issue communicating with driver in heartbeater
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at
org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:101)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:85)
        at org.apache.spark.storage.BlockManagerMaster.registerBlockManager(Bloc
kManagerMaster.scala:80)
        at
org.apache.spark.storage.BlockManager.reregister(BlockManager.scala:642)
        at
org.apache.spark.executor.Executor.reportHeartBeat(Executor.scala:1223)
        at
org.apache.spark.executor.Executor.$anonfun$heartbeater$1(Executor.scala:295)
        at
scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
        at org.apache.spark.util.Utils$.logUncaughtExceptions(Utils.scala:1928)
        at org.apache.spark.Heartbeater$$anon$1.run(Heartbeater.scala:46)
        at java.base/java.util.concurrent.Executors$RunnableAdapter.call(Executo
rs.java:515)
        at
java.base/java.util.concurrent.FutureTask.runAndReset(FutureTask.java:305)
        at java.base/java.util.concurrent.ScheduledThreadPoolExecutor$ScheduledF
utureTask.run(ScheduledThreadPoolExecutor.java:305)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoo
lExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPo
olExecutor.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$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$lz
ycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpoint.sc
ala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$l
zycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$1
(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.scala:72
5)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receiveA
ndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$Mes
sageLoop$$receiveLoop(MessageLoop.scala:75)
        at
org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.scala:41)
        … 3 more
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find
endpoint: spark://CoarseGrainedScheduler@192.168.1.62:64070
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at
scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.scala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.dispatchOrAddCallback(Pr
omise.scala:316)
        at
scala.concurrent.impl.Promise$DefaultPromise.onComplete(Promise.scala: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(Promise.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.scala:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.asyncSetupEndpointRefByURI(Net
tyRpcEnv.scala:150)
        … 17 more
25/11/27 08:08:50 ERROR Inbox: Ignoring error
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at
org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$lz
ycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpoint.sc
ala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$l
zycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$1
(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.scala:72
5)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receiveA
ndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$Mes
sageLoop$$receiveLoop(MessageLoop.scala:75)
        at
org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.scala:41)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoo
lExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPo
olExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find
endpoint: spark://CoarseGrainedScheduler@192.168.1.62:64070
```

```
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at
scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.scala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.dispatchOrAddCallback(Pr
omise.scala:316)
        at
scala.concurrent.impl.Promise$DefaultPromise.onComplete(Promise.scala:307)
        at scala.concurrent.impl.Promise.transformWith(Promise.scala:40)
        at scala.concurrent.impl.Promise.transformWith$(Promise.scala:38)
        at
scala.concurrent.impl.Promise$DefaultPromise.transformWith(Promise.scala:187)
        at scala.concurrent.Future.flatMap(Future.scala:306)
        at scala.concurrent.Future.flatMap$(Future.scala:306)
        at
scala.concurrent.impl.Promise$DefaultPromise.flatMap(Promise.scala:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.asyncSetupEndpointRefByURI(Net
tyRpcEnv.scala:150)
        … 17 more
25/11/27 08:09:00 ERROR Inbox: Ignoring error
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at
org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$lz
ycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpoint.sc
ala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$l
zycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$1
(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
```

```
storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.scala:72
5)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receiveA
ndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$Mes
sageLoop$$receiveLoop(MessageLoop.scala:75)
        at
org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.scala:41)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoo
lExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPo
olExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find
endpoint: spark://CoarseGrainedScheduler@192.168.1.62:64070
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at
scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.scala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(Promise.scala:288)
        at
scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at
scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
```

```
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(Promise.scala:288)
        at
scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at
scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingExecut
or.scala:67)
        at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingExecut
or.scala:82)
        at
scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
        at
scala.concurrent.BlockContext$.withBlockContext(BlockContext.scala:85)
        at
scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scala:59)
        at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecute(Fu
ture.scala:875)
        at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:110)
        at
scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scala:107)
        at
scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.scala:873)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(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.scala:187)
        at
org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.scala:225)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(NettyR
pcEnv.scala:239)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$adapte
```

```
d(NettyRpcEnv.scala:238)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(Promise.scala:288)
        at
scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at
scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.Promise.success(Promise.scala:86)
        at scala.concurrent.Promise.success$(Promise.scala:86)
        at
scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scala:187)
        at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpcCall
Context.scala:50)
        at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCallCont
ext.scala:32)
        at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAndRep
ly$1.applyOrElse(RpcEndpointVerifier.scala:31)
        … 8 more
25/11/27 08:09:00 WARN Executor: Issue communicating with driver in heartbeater
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at
org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:101)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:85)
        at org.apache.spark.storage.BlockManagerMaster.registerBlockManager(Bloc
kManagerMaster.scala:80)
        at
org.apache.spark.storage.BlockManager.reregister(BlockManager.scala:642)
        at
org.apache.spark.executor.Executor.reportHeartBeat(Executor.scala:1223)
        at
org.apache.spark.executor.Executor.$anonfun$heartbeater$1(Executor.scala:295)
        at
scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
        at org.apache.spark.util.Utils$.logUncaughtExceptions(Utils.scala:1928)
```

```
        at org.apache.spark.Heartbeater$$anon$1.run(Heartbeater.scala:46)
        at java.base/java.util.concurrent.Executors$RunnableAdapter.call(Executo
rs.java:515)
        at
java.base/java.util.concurrent.FutureTask.runAndReset(FutureTask.java:305)
        at java.base/java.util.concurrent.ScheduledThreadPoolExecutor$ScheduledF
utureTask.run(ScheduledThreadPoolExecutor.java:305)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoo
lExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPo
olExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.SparkException: Exception thrown in awaitResult:
        at
org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$lz
ycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpoint.sc
ala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$l
zycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$1
(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.scala:72
5)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receiveA
ndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$Mes
sageLoop$$receiveLoop(MessageLoop.scala:75)
        at
org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.scala:41)
        … 3 more
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find
endpoint: spark://CoarseGrainedScheduler@192.168.1.62:64070
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1$adapted(NettyRpcEnv.scala:144)
```

```
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at
scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.scala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(Promise.scala:288)
        at
scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at
scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(Promise.scala:288)
        at
scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at
scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingExecut
or.scala:67)
        at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingExecut
or.scala:82)
        at
scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
        at
scala.concurrent.BlockContext$.withBlockContext(BlockContext.scala:85)
```

```
        at
scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scala:59)
        at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecute(Fu
ture.scala:875)
        at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:110)
        at
scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scala:107)
        at
scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.scala:873)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(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.scala:187)
        at
org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.scala:225)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(NettyR
pcEnv.scala:239)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$adapte
d(NettyRpcEnv.scala:238)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(Promise.scala:288)
        at
scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at
scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.Promise.success(Promise.scala:86)
        at scala.concurrent.Promise.success$(Promise.scala:86)
        at
scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scala:187)
```

```
        at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpcCall
Context.scala:50)
        at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCallCont
ext.scala:32)
        at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAndRep
ly$1.applyOrElse(RpcEndpointVerifier.scala:31)
        … 8 more
25/11/27 08:09:10 ERROR Inbox: Ignoring error
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at
org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$lz
ycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpoint.sc
ala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$l
zycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$1
(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.scala:72
5)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receiveA
ndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$Mes
sageLoop$$receiveLoop(MessageLoop.scala:75)
        at
org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.scala:41)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoo
lExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPo
olExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find
endpoint: spark://CoarseGrainedScheduler@192.168.1.62:64070
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1$adapted(NettyRpcEnv.scala:144)
```

```
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at
scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.scala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(Promise.scala:288)
        at
scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at
scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
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ontextImpl.scala:138)
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scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(Promise.scala:288)
        at
scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at
scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingExecut
or.scala:67)
        at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingExecut
or.scala:82)
        at
scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
        at
scala.concurrent.BlockContext$.withBlockContext(BlockContext.scala:85)
```

```
        at
scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scala:59)
        at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecute(Fu
ture.scala:875)
        at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:110)
        at
scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scala:107)
        at
scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.scala:873)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(Promise.scala:288)
        at
scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.trySuccess(Promise.scala:94)
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        at
scala.concurrent.impl.Promise$DefaultPromise.trySuccess(Promise.scala:187)
        at
org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.scala:225)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(NettyR
pcEnv.scala:239)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$adapte
d(NettyRpcEnv.scala:238)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
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scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
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romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
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scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
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        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at
scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.Promise.success(Promise.scala:86)
        at scala.concurrent.Promise.success$(Promise.scala:86)
        at
scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scala:187)
```

```
        at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpcCall
Context.scala:50)
        at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCallCont
ext.scala:32)
        at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAndRep
ly$1.applyOrElse(RpcEndpointVerifier.scala:31)
        … 8 more
25/11/27 08:09:10 WARN Executor: Issue communicating with driver in heartbeater
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at
org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:101)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:85)
        at org.apache.spark.storage.BlockManagerMaster.registerBlockManager(Bloc
kManagerMaster.scala:80)
        at
org.apache.spark.storage.BlockManager.reregister(BlockManager.scala:642)
        at
org.apache.spark.executor.Executor.reportHeartBeat(Executor.scala:1223)
        at
org.apache.spark.executor.Executor.$anonfun$heartbeater$1(Executor.scala:295)
        at
scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
        at org.apache.spark.util.Utils$.logUncaughtExceptions(Utils.scala:1928)
        at org.apache.spark.Heartbeater$$anon$1.run(Heartbeater.scala:46)
        at java.base/java.util.concurrent.Executors$RunnableAdapter.call(Executo
rs.java:515)
        at
java.base/java.util.concurrent.FutureTask.runAndReset(FutureTask.java:305)
        at java.base/java.util.concurrent.ScheduledThreadPoolExecutor$ScheduledF
utureTask.run(ScheduledThreadPoolExecutor.java:305)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoo
lExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPo
olExecutor.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$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$lz
ycompute(BlockManagerMasterEndpoint.scala:124)
```

```
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpoint.sc
ala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$l
zycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$1
(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.scala:72
5)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receiveA
ndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$Mes
sageLoop$$receiveLoop(MessageLoop.scala:75)
        at
org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.scala:41)
        … 3 more
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find
endpoint: spark://CoarseGrainedScheduler@192.168.1.62:64070
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at
scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.scala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(Promise.scala:288)
        at
scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at
scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
```

```
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
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ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(Promise.scala:288)
        at
scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at
scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingExecut
or.scala:67)
        at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingExecut
or.scala:82)
        at
scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
        at
scala.concurrent.BlockContext$.withBlockContext(BlockContext.scala:85)
        at
scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scala:59)
        at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecute(Fu
ture.scala:875)
        at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:110)
        at
scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scala:107)
        at
scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.scala:873)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(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.scala:187)
        at
```

```
org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.scala:225)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(NettyR
pcEnv.scala:239)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$adapte
d(NettyRpcEnv.scala:238)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(Promise.scala:288)
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        at scala.concurrent.Promise.success$(Promise.scala:86)
        at
scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scala:187)
        at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpcCall
Context.scala:50)
        at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCallCont
ext.scala:32)
        at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAndRep
ly$1.applyOrElse(RpcEndpointVerifier.scala:31)
        … 8 more
25/11/27 08:09:20 ERROR Inbox: Ignoring error
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at
org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$lz
ycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpoint.sc
ala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$l
```

```
zycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$1
(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.scala:72
5)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receiveA
ndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$Mes
sageLoop$$receiveLoop(MessageLoop.scala:75)
        at
org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.scala:41)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoo
lExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPo
olExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find
endpoint: spark://CoarseGrainedScheduler@192.168.1.62:64070
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1$adapted(NettyRpcEnv.scala:144)
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scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.scala:41)
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        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
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scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
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        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(Promise.scala:288)
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        at
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        at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingExecut
or.scala:67)
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or.scala:82)
        at
scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
        at
scala.concurrent.BlockContext$.withBlockContext(BlockContext.scala:85)
        at
scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scala:59)
        at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecute(Fu
ture.scala:875)
        at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:110)
        at
scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scala:107)
        at
scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.scala:873)
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scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
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romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(Promise.scala:288)
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scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.trySuccess(Promise.scala:94)
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        at
scala.concurrent.impl.Promise$DefaultPromise.trySuccess(Promise.scala:187)
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```

```
org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.scala:225)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(NettyR
pcEnv.scala:239)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$adapte
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        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
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        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(Promise.scala:288)
        at
scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
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        at
scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.Promise.success(Promise.scala:86)
        at scala.concurrent.Promise.success$(Promise.scala:86)
        at
scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scala:187)
        at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpcCall
Context.scala:50)
        at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCallCont
ext.scala:32)
        at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAndRep
ly$1.applyOrElse(RpcEndpointVerifier.scala:31)
        … 8 more
25/11/27 08:09:20 WARN Executor: Issue communicating with driver in heartbeater
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at
org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.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(Bloc
kManagerMaster.scala:80)
        at
org.apache.spark.storage.BlockManager.reregister(BlockManager.scala:642)
        at
org.apache.spark.executor.Executor.reportHeartBeat(Executor.scala:1223)
        at
```

```
org.apache.spark.executor.Executor.$anonfun$heartbeater$1(Executor.scala:295)
        at
scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
        at org.apache.spark.util.Utils$.logUncaughtExceptions(Utils.scala:1928)
        at org.apache.spark.Heartbeater$$anon$1.run(Heartbeater.scala:46)
        at java.base/java.util.concurrent.Executors$RunnableAdapter.call(Executo
rs.java:515)
        at
java.base/java.util.concurrent.FutureTask.runAndReset(FutureTask.java:305)
        at java.base/java.util.concurrent.ScheduledThreadPoolExecutor$ScheduledF
utureTask.run(ScheduledThreadPoolExecutor.java:305)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoo
lExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPo
olExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
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org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
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        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
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ala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$l
zycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$1
(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.scala:72
5)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receiveA
ndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$Mes
sageLoop$$receiveLoop(MessageLoop.scala:75)
        at
org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.scala:41)
        … 3 more
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find
endpoint: spark://CoarseGrainedScheduler@192.168.1.62:64070
```

```
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at
scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.scala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(Promise.scala:288)
        at
scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at
scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(Promise.scala:288)
        at
scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at
scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingExecut
or.scala:67)
        at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingExecut
or.scala:82)
```

```
        at
scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
        at
scala.concurrent.BlockContext$.withBlockContext(BlockContext.scala:85)
        at
scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scala:59)
        at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecute(Fu
ture.scala:875)
        at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:110)
        at
scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scala:107)
        at
scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.scala:873)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(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.scala:187)
        at
org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.scala:225)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(NettyR
pcEnv.scala:239)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$adapte
d(NettyRpcEnv.scala:238)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(Promise.scala:288)
        at
scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at
scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala: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.scala:187)
        at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpcCall
Context.scala:50)
        at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCallCont
ext.scala:32)
        at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAndRep
ly$1.applyOrElse(RpcEndpointVerifier.scala:31)
        … 8 more
25/11/27 08:09:30 WARN Executor: Issue communicating with driver in heartbeater
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at
org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:101)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:85)
        at org.apache.spark.storage.BlockManagerMaster.registerBlockManager(Bloc
kManagerMaster.scala:80)
        at
org.apache.spark.storage.BlockManager.reregister(BlockManager.scala:642)
        at
org.apache.spark.executor.Executor.reportHeartBeat(Executor.scala:1223)
        at
org.apache.spark.executor.Executor.$anonfun$heartbeater$1(Executor.scala:295)
        at
scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
        at org.apache.spark.util.Utils$.logUncaughtExceptions(Utils.scala:1928)
        at org.apache.spark.Heartbeater$$anon$1.run(Heartbeater.scala:46)
        at java.base/java.util.concurrent.Executors$RunnableAdapter.call(Executo
rs.java:515)
        at
java.base/java.util.concurrent.FutureTask.runAndReset(FutureTask.java:305)
        at java.base/java.util.concurrent.ScheduledThreadPoolExecutor$ScheduledF
utureTask.run(ScheduledThreadPoolExecutor.java:305)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoo
lExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPo
olExecutor.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$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
```

```
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$lz
ycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpoint.sc
ala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$l
zycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$1
(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.scala:72
5)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receiveA
ndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$Mes
sageLoop$$receiveLoop(MessageLoop.scala:75)
        at
org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.scala:41)
        … 3 more
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find
endpoint: spark://CoarseGrainedScheduler@192.168.1.62:64070
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at
scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.scala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(Promise.scala:288)
        at
scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
```

```
        at
scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(Promise.scala:288)
        at
scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at
scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingExecut
or.scala:67)
        at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingExecut
or.scala:82)
        at
scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
        at
scala.concurrent.BlockContext$.withBlockContext(BlockContext.scala:85)
        at
scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scala:59)
        at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecute(Fu
ture.scala:875)
        at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:110)
        at
scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scala:107)
        at
scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.scala:873)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(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.scala:187)
        at
org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.scala:225)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(NettyR
pcEnv.scala:239)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$adapte
d(NettyRpcEnv.scala:238)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(Promise.scala:288)
        at
scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at
scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.Promise.success(Promise.scala:86)
        at scala.concurrent.Promise.success$(Promise.scala:86)
        at
scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scala:187)
        at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpcCall
Context.scala:50)
        at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCallCont
ext.scala:32)
        at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAndRep
ly$1.applyOrElse(RpcEndpointVerifier.scala:31)
        … 8 more
25/11/27 08:09:30 ERROR Inbox: Ignoring error
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at
org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$lz
ycompute(BlockManagerMasterEndpoint.scala:124)
```

```
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpoint.sc
ala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$l
zycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$1
(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.scala:72
5)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receiveA
ndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$Mes
sageLoop$$receiveLoop(MessageLoop.scala:75)
        at
org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.scala:41)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoo
lExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPo
olExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find
endpoint: spark://CoarseGrainedScheduler@192.168.1.62:64070
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at
scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.scala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(Promise.scala:288)
        at
scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
```

```
        at
scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(Promise.scala:288)
        at
scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at
scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
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        at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingExecut
or.scala:67)
        at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingExecut
or.scala:82)
        at
scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
        at
scala.concurrent.BlockContext$.withBlockContext(BlockContext.scala:85)
        at
scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scala:59)
        at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecute(Fu
ture.scala:875)
        at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:110)
        at
scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scala:107)
        at
scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.scala:873)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(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.scala:187)
        at
org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.scala:225)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(NettyR
pcEnv.scala:239)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$adapte
d(NettyRpcEnv.scala:238)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(Promise.scala:288)
        at
scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at
scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.Promise.success(Promise.scala:86)
        at scala.concurrent.Promise.success$(Promise.scala:86)
        at
scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scala:187)
        at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpcCall
Context.scala:50)
        at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCallCont
ext.scala:32)
        at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAndRep
ly$1.applyOrElse(RpcEndpointVerifier.scala:31)
        … 8 more
25/11/27 08:09:40 ERROR Inbox: Ignoring error
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at
org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$lz
ycompute(BlockManagerMasterEndpoint.scala:124)
```

```
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpoint.sc
ala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$l
zycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$1
(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.scala:72
5)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receiveA
ndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$Mes
sageLoop$$receiveLoop(MessageLoop.scala:75)
        at
org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.scala:41)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoo
lExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPo
olExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find
endpoint: spark://CoarseGrainedScheduler@192.168.1.62:64070
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at
scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.scala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(Promise.scala:288)
        at
scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
```

```
        at
scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(Promise.scala:288)
        at
scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at
scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingExecut
or.scala:67)
        at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingExecut
or.scala:82)
        at
scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
        at
scala.concurrent.BlockContext$.withBlockContext(BlockContext.scala:85)
        at
scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scala:59)
        at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecute(Fu
ture.scala:875)
        at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:110)
        at
scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scala:107)
        at
scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.scala:873)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(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.scala:187)
        at
org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.scala:225)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(NettyR
pcEnv.scala:239)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$adapte
d(NettyRpcEnv.scala:238)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(Promise.scala:288)
        at
scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at
scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.Promise.success(Promise.scala:86)
        at scala.concurrent.Promise.success$(Promise.scala:86)
        at
scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scala:187)
        at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpcCall
Context.scala:50)
        at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCallCont
ext.scala:32)
        at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAndRep
ly$1.applyOrElse(RpcEndpointVerifier.scala:31)
        … 8 more
25/11/27 08:09:40 WARN Executor: Issue communicating with driver in heartbeater
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at
org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.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(Bloc
kManagerMaster.scala:80)
        at
```

```
org.apache.spark.storage.BlockManager.reregister(BlockManager.scala:642)
        at
org.apache.spark.executor.Executor.reportHeartBeat(Executor.scala:1223)
        at
org.apache.spark.executor.Executor.$anonfun$heartbeater$1(Executor.scala:295)
        at
scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
        at org.apache.spark.util.Utils$.logUncaughtExceptions(Utils.scala:1928)
        at org.apache.spark.Heartbeater$$anon$1.run(Heartbeater.scala:46)
        at java.base/java.util.concurrent.Executors$RunnableAdapter.call(Executo
rs.java:515)
        at
java.base/java.util.concurrent.FutureTask.runAndReset(FutureTask.java:305)
        at java.base/java.util.concurrent.ScheduledThreadPoolExecutor$ScheduledF
utureTask.run(ScheduledThreadPoolExecutor.java:305)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoo
lExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPo
olExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.SparkException: Exception thrown in awaitResult:
        at
org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$lz
ycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpoint.sc
ala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$l
zycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$1
(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.scala:72
5)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receiveA
ndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$Mes
sageLoop$$receiveLoop(MessageLoop.scala:75)
        at
```

```
org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.scala:41)
        … 3 more
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find
endpoint: spark://CoarseGrainedScheduler@192.168.1.62:64070
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at
scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.scala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(Promise.scala:288)
        at
scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at
scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(Promise.scala:288)
        at
scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at
scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
```

```
        at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingExecut
or.scala:67)
        at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingExecut
or.scala:82)
        at
scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
        at
scala.concurrent.BlockContext$.withBlockContext(BlockContext.scala:85)
        at
scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scala:59)
        at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecute(Fu
ture.scala:875)
        at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:110)
        at
scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scala:107)
        at
scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.scala:873)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(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.scala:187)
        at
org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.scala:225)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(NettyR
pcEnv.scala:239)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$adapte
d(NettyRpcEnv.scala:238)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(Promise.scala:288)
        at
scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
```

```
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at
scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala: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.scala:187)
        at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpcCall
Context.scala:50)
        at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCallCont
ext.scala:32)
        at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAndRep
ly$1.applyOrElse(RpcEndpointVerifier.scala:31)
        … 8 more
25/11/27 08:09:51 ERROR Inbox: Ignoring error
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at
org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$lz
ycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpoint.sc
ala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$l
zycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$1
(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.scala:72
5)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receiveA
ndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$Mes
sageLoop$$receiveLoop(MessageLoop.scala:75)
        at
org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.scala:41)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoo
lExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPo
```

```
olExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find
endpoint: spark://CoarseGrainedScheduler@192.168.1.62:64070
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at
scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.scala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.dispatchOrAddCallback(Pr
omise.scala:316)
        at
scala.concurrent.impl.Promise$DefaultPromise.onComplete(Promise.scala:307)
        at scala.concurrent.impl.Promise.transformWith(Promise.scala:40)
        at scala.concurrent.impl.Promise.transformWith$(Promise.scala:38)
        at
scala.concurrent.impl.Promise$DefaultPromise.transformWith(Promise.scala:187)
        at scala.concurrent.Future.flatMap(Future.scala:306)
        at scala.concurrent.Future.flatMap$(Future.scala:306)
        at
scala.concurrent.impl.Promise$DefaultPromise.flatMap(Promise.scala:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.asyncSetupEndpointRefByURI(Net
tyRpcEnv.scala:150)
        … 17 more
25/11/27 08:09:51 WARN Executor: Issue communicating with driver in heartbeater
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at
org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.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(Bloc
kManagerMaster.scala:80)
        at
org.apache.spark.storage.BlockManager.reregister(BlockManager.scala:642)
        at
org.apache.spark.executor.Executor.reportHeartBeat(Executor.scala:1223)
        at
```

```
org.apache.spark.executor.Executor.$anonfun$heartbeater$1(Executor.scala:295)
        at
scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
        at org.apache.spark.util.Utils$.logUncaughtExceptions(Utils.scala:1928)
        at org.apache.spark.Heartbeater$$anon$1.run(Heartbeater.scala:46)
        at java.base/java.util.concurrent.Executors$RunnableAdapter.call(Executo
rs.java:515)
        at
java.base/java.util.concurrent.FutureTask.runAndReset(FutureTask.java:305)
        at java.base/java.util.concurrent.ScheduledThreadPoolExecutor$ScheduledF
utureTask.run(ScheduledThreadPoolExecutor.java:305)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoo
lExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPo
olExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.SparkException: Exception thrown in awaitResult:
        at
org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$lz
ycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpoint.sc
ala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$l
zycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$1
(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.scala:72
5)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receiveA
ndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$Mes
sageLoop$$receiveLoop(MessageLoop.scala:75)
        at
org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.scala:41)
        … 3 more
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find
endpoint: spark://CoarseGrainedScheduler@192.168.1.62:64070
```

```
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at
scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.scala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.dispatchOrAddCallback(Pr
omise.scala:316)
        at
scala.concurrent.impl.Promise$DefaultPromise.onComplete(Promise.scala:307)
        at scala.concurrent.impl.Promise.transformWith(Promise.scala:40)
        at scala.concurrent.impl.Promise.transformWith$(Promise.scala:38)
        at
scala.concurrent.impl.Promise$DefaultPromise.transformWith(Promise.scala:187)
        at scala.concurrent.Future.flatMap(Future.scala:306)
        at scala.concurrent.Future.flatMap$(Future.scala:306)
        at
scala.concurrent.impl.Promise$DefaultPromise.flatMap(Promise.scala:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.asyncSetupEndpointRefByURI(Net
tyRpcEnv.scala:150)
        … 17 more
25/11/27 08:10:00 WARN Executor: Issue communicating with driver in heartbeater
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at
org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:101)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:85)
        at org.apache.spark.storage.BlockManagerMaster.registerBlockManager(Bloc
kManagerMaster.scala:80)
        at
org.apache.spark.storage.BlockManager.reregister(BlockManager.scala:642)
        at
org.apache.spark.executor.Executor.reportHeartBeat(Executor.scala:1223)
        at
org.apache.spark.executor.Executor.$anonfun$heartbeater$1(Executor.scala:295)
        at
scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
        at org.apache.spark.util.Utils$.logUncaughtExceptions(Utils.scala:1928)
```

```
        at org.apache.spark.Heartbeater$$anon$1.run(Heartbeater.scala:46)
        at java.base/java.util.concurrent.Executors$RunnableAdapter.call(Executo
rs.java:515)
        at
java.base/java.util.concurrent.FutureTask.runAndReset(FutureTask.java:305)
        at java.base/java.util.concurrent.ScheduledThreadPoolExecutor$ScheduledF
utureTask.run(ScheduledThreadPoolExecutor.java:305)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoo
lExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPo
olExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.SparkException: Exception thrown in awaitResult:
        at
org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$lz
ycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpoint.sc
ala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$l
zycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$1
(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.scala:72
5)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receiveA
ndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$Mes
sageLoop$$receiveLoop(MessageLoop.scala:75)
        at
org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.scala:41)
        … 3 more
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find
endpoint: spark://CoarseGrainedScheduler@192.168.1.62:64070
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1$adapted(NettyRpcEnv.scala:144)
```

```
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at
scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.scala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.dispatchOrAddCallback(Pr
omise.scala:316)
        at
scala.concurrent.impl.Promise$DefaultPromise.onComplete(Promise.scala:307)
        at scala.concurrent.impl.Promise.transformWith(Promise.scala:40)
        at scala.concurrent.impl.Promise.transformWith$(Promise.scala:38)
        at
scala.concurrent.impl.Promise$DefaultPromise.transformWith(Promise.scala:187)
        at scala.concurrent.Future.flatMap(Future.scala:306)
        at scala.concurrent.Future.flatMap$(Future.scala:306)
        at
scala.concurrent.impl.Promise$DefaultPromise.flatMap(Promise.scala:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.asyncSetupEndpointRefByURI(Net
tyRpcEnv.scala:150)
        … 17 more
25/11/27 08:10:00 ERROR Inbox: Ignoring error
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at
org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$lz
ycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpoint.sc
ala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$l
zycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$1
(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.scala:72
5)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receiveA
ndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
```

```
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$Mes
sageLoop$$receiveLoop(MessageLoop.scala:75)
        at
org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.scala:41)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoo
lExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPo
olExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find
endpoint: spark://CoarseGrainedScheduler@192.168.1.62:64070
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at
scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.scala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.dispatchOrAddCallback(Pr
omise.scala:316)
        at
scala.concurrent.impl.Promise$DefaultPromise.onComplete(Promise.scala:307)
        at scala.concurrent.impl.Promise.transformWith(Promise.scala:40)
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        at
scala.concurrent.impl.Promise$DefaultPromise.transformWith(Promise.scala:187)
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        at scala.concurrent.Future.flatMap$(Future.scala:306)
        at
scala.concurrent.impl.Promise$DefaultPromise.flatMap(Promise.scala:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.asyncSetupEndpointRefByURI(Net
tyRpcEnv.scala:150)
        … 17 more
25/11/27 08:10:10 ERROR Inbox: Ignoring error
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at
org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
```

```
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$lz
ycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpoint.sc
ala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$l
zycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$1
(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.scala:72
5)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receiveA
ndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$Mes
sageLoop$$receiveLoop(MessageLoop.scala:75)
        at
org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.scala:41)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoo
lExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPo
olExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find
endpoint: spark://CoarseGrainedScheduler@192.168.1.62:64070
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at
scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.scala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
```

```
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(Promise.scala:288)
        at
scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at
scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(Promise.scala:288)
        at
scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at
scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingExecut
or.scala:67)
        at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingExecut
or.scala:82)
        at
scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
        at
scala.concurrent.BlockContext$.withBlockContext(BlockContext.scala:85)
        at
scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scala:59)
        at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecute(Fu
ture.scala:875)
        at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:110)
        at
scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scala:107)
        at
scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.scala:873)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
```

```
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(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.scala:187)
        at
org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.scala:225)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(NettyR
pcEnv.scala:239)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$adapte
d(NettyRpcEnv.scala:238)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(Promise.scala:288)
        at
scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at
scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.Promise.success(Promise.scala:86)
        at scala.concurrent.Promise.success$(Promise.scala:86)
        at
scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scala:187)
        at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpcCall
Context.scala:50)
        at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCallCont
ext.scala:32)
        at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAndRep
ly$1.applyOrElse(RpcEndpointVerifier.scala:31)
        … 8 more
25/11/27 08:10:10 WARN Executor: Issue communicating with driver in heartbeater
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at
org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.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(Bloc
kManagerMaster.scala:80)
        at
org.apache.spark.storage.BlockManager.reregister(BlockManager.scala:642)
        at
org.apache.spark.executor.Executor.reportHeartBeat(Executor.scala:1223)
        at
org.apache.spark.executor.Executor.$anonfun$heartbeater$1(Executor.scala:295)
        at
scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
        at org.apache.spark.util.Utils$.logUncaughtExceptions(Utils.scala:1928)
        at org.apache.spark.Heartbeater$$anon$1.run(Heartbeater.scala:46)
        at java.base/java.util.concurrent.Executors$RunnableAdapter.call(Executo
rs.java:515)
        at
java.base/java.util.concurrent.FutureTask.runAndReset(FutureTask.java:305)
        at java.base/java.util.concurrent.ScheduledThreadPoolExecutor$ScheduledF
utureTask.run(ScheduledThreadPoolExecutor.java:305)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoo
lExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPo
olExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.SparkException: Exception thrown in awaitResult:
        at
org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$lz
ycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpoint.sc
ala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$l
zycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$1
(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.scala:72
5)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receiveA
ndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
```

```
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$Mes
sageLoop$$receiveLoop(MessageLoop.scala:75)
        at
org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.scala:41)
        … 3 more
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find
endpoint: spark://CoarseGrainedScheduler@192.168.1.62:64070
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at
scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.scala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(Promise.scala:288)
        at
scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at
scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(Promise.scala:288)
        at
scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
```

```
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
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scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala: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$1(BatchingExecut
or.scala:67)
        at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingExecut
or.scala:82)
        at
scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
        at
scala.concurrent.BlockContext$.withBlockContext(BlockContext.scala:85)
        at
scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scala:59)
        at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecute(Fu
ture.scala:875)
        at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:110)
        at
scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scala:107)
        at
scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.scala:873)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(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.scala:187)
        at
org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.scala:225)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(NettyR
pcEnv.scala:239)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$adapte
d(NettyRpcEnv.scala:238)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
```

```
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(Promise.scala:288)
        at
scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at
scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.Promise.success(Promise.scala:86)
        at scala.concurrent.Promise.success$(Promise.scala:86)
        at
scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scala:187)
        at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpcCall
Context.scala:50)
        at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCallCont
ext.scala:32)
        at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAndRep
ly$1.applyOrElse(RpcEndpointVerifier.scala:31)
        … 8 more
25/11/27 08:10:20 ERROR Inbox: Ignoring error
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at
org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$lz
ycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpoint.sc
ala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$l
zycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$1
(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.scala:72
5)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receiveA
ndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$Mes
```

```
sageLoop$$receiveLoop(MessageLoop.scala:75)
        at
org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.scala:41)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoo
lExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPo
olExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find
endpoint: spark://CoarseGrainedScheduler@192.168.1.62:64070
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at
scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.scala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(Promise.scala:288)
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scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at
scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(Promise.scala:288)
        at
scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
```

```
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at
scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala: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$1(BatchingExecut
or.scala:67)
        at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingExecut
or.scala:82)
        at
scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
        at
scala.concurrent.BlockContext$.withBlockContext(BlockContext.scala:85)
        at
scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scala:59)
        at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecute(Fu
ture.scala:875)
        at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:110)
        at
scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scala:107)
        at
scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.scala:873)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(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.scala:187)
        at
org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.scala:225)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(NettyR
pcEnv.scala:239)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$adapte
d(NettyRpcEnv.scala:238)
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        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
```

```
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(Promise.scala:288)
        at
scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at
scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.Promise.success(Promise.scala:86)
        at scala.concurrent.Promise.success$(Promise.scala:86)
        at
scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scala:187)
        at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpcCall
Context.scala:50)
        at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCallCont
ext.scala:32)
        at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAndRep
ly$1.applyOrElse(RpcEndpointVerifier.scala:31)
        … 8 more
25/11/27 08:10:20 WARN Executor: Issue communicating with driver in heartbeater
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at
org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:101)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:85)
        at org.apache.spark.storage.BlockManagerMaster.registerBlockManager(Bloc
kManagerMaster.scala:80)
        at
org.apache.spark.storage.BlockManager.reregister(BlockManager.scala:642)
        at
org.apache.spark.executor.Executor.reportHeartBeat(Executor.scala:1223)
        at
org.apache.spark.executor.Executor.$anonfun$heartbeater$1(Executor.scala:295)
        at
scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
        at org.apache.spark.util.Utils$.logUncaughtExceptions(Utils.scala:1928)
        at org.apache.spark.Heartbeater$$anon$1.run(Heartbeater.scala:46)
        at java.base/java.util.concurrent.Executors$RunnableAdapter.call(Executo
rs.java:515)
        at
java.base/java.util.concurrent.FutureTask.runAndReset(FutureTask.java:305)
        at java.base/java.util.concurrent.ScheduledThreadPoolExecutor$ScheduledF
utureTask.run(ScheduledThreadPoolExecutor.java:305)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoo
```

```
lExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPo
olExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.SparkException: Exception thrown in awaitResult:
        at
org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$lz
ycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpoint.sc
ala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$l
zycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$1
(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.scala:72
5)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receiveA
ndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$Mes
sageLoop$$receiveLoop(MessageLoop.scala:75)
        at
org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.scala:41)
        … 3 more
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find
endpoint: spark://CoarseGrainedScheduler@192.168.1.62:64070
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at
scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.scala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
```

```
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(Promise.scala:288)
        at
scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at
scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(Promise.scala:288)
        at
scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at
scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingExecut
or.scala:67)
        at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingExecut
or.scala:82)
        at
scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
        at
scala.concurrent.BlockContext$.withBlockContext(BlockContext.scala:85)
        at
scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scala:59)
        at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecute(Fu
ture.scala:875)
        at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:110)
        at
scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scala:107)
        at
```

```
scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.scala:873)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(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.scala:187)
        at
org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.scala:225)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(NettyR
pcEnv.scala:239)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$adapte
d(NettyRpcEnv.scala:238)
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        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
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ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(Promise.scala:288)
        at
scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
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        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at
scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.Promise.success(Promise.scala:86)
        at scala.concurrent.Promise.success$(Promise.scala:86)
        at
scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scala:187)
        at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpcCall
Context.scala:50)
        at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCallCont
ext.scala:32)
        at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAndRep
ly$1.applyOrElse(RpcEndpointVerifier.scala:31)
        … 8 more
25/11/27 08:10:30 ERROR Inbox: Ignoring error
```

```
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at
org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$lz
ycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpoint.sc
ala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$l
zycompute$1(BlockManagerMasterEndpoint.scala:688)
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ndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
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        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
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org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.scala:41)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoo
lExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPo
olExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find
endpoint: spark://CoarseGrainedScheduler@192.168.1.62:64070
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at
scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.scala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
```

```
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
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dapted(Promise.scala:288)
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scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
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        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
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        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(Promise.scala:288)
        at
scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at
scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingExecut
or.scala:67)
        at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingExecut
or.scala:82)
        at
scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
        at
scala.concurrent.BlockContext$.withBlockContext(BlockContext.scala:85)
        at
scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scala:59)
        at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecute(Fu
ture.scala:875)
        at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:110)
        at
scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scala:107)
        at
```

```
scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.scala:873)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(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.scala:187)
        at
org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.scala:225)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(NettyR
pcEnv.scala:239)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$adapte
d(NettyRpcEnv.scala:238)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(Promise.scala:288)
        at
scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at
scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.Promise.success(Promise.scala:86)
        at scala.concurrent.Promise.success$(Promise.scala:86)
        at
scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scala:187)
        at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpcCall
Context.scala:50)
        at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCallCont
ext.scala:32)
        at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAndRep
ly$1.applyOrElse(RpcEndpointVerifier.scala:31)
        … 8 more
25/11/27 08:10:30 WARN Executor: Issue communicating with driver in heartbeater
```

```
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at
org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.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(Bloc
kManagerMaster.scala:80)
        at
org.apache.spark.storage.BlockManager.reregister(BlockManager.scala:642)
        at
org.apache.spark.executor.Executor.reportHeartBeat(Executor.scala:1223)
        at
org.apache.spark.executor.Executor.$anonfun$heartbeater$1(Executor.scala:295)
        at
scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
        at org.apache.spark.util.Utils$.logUncaughtExceptions(Utils.scala:1928)
        at org.apache.spark.Heartbeater$$anon$1.run(Heartbeater.scala:46)
        at java.base/java.util.concurrent.Executors$RunnableAdapter.call(Executo
rs.java:515)
        at
java.base/java.util.concurrent.FutureTask.runAndReset(FutureTask.java:305)
        at java.base/java.util.concurrent.ScheduledThreadPoolExecutor$ScheduledF
utureTask.run(ScheduledThreadPoolExecutor.java:305)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoo
lExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPo
olExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.SparkException: Exception thrown in awaitResult:
        at
org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$lz
ycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpoint.sc
ala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$l
zycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$1
(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
```

```
storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.scala:72
5)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receiveA
ndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$Mes
sageLoop$$receiveLoop(MessageLoop.scala:75)
        at
org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.scala:41)
        … 3 more
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find
endpoint: spark://CoarseGrainedScheduler@192.168.1.62:64070
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at
scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.scala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(Promise.scala:288)
        at
scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at
scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
```

```
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(Promise.scala:288)
        at
scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at
scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingExecut
or.scala:67)
        at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingExecut
or.scala:82)
        at
scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
        at
scala.concurrent.BlockContext$.withBlockContext(BlockContext.scala:85)
        at
scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scala:59)
        at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecute(Fu
ture.scala:875)
        at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:110)
        at
scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scala:107)
        at
scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.scala:873)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(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.scala:187)
        at
org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.scala:225)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(NettyR
pcEnv.scala:239)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$adapte
d(NettyRpcEnv.scala:238)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
```

```
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(Promise.scala:288)
        at
scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at
scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.Promise.success(Promise.scala:86)
        at scala.concurrent.Promise.success$(Promise.scala:86)
        at
scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scala:187)
        at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpcCall
Context.scala:50)
        at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCallCont
ext.scala:32)
        at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAndRep
ly$1.applyOrElse(RpcEndpointVerifier.scala:31)
        … 8 more
25/11/27 08:10:40 ERROR Inbox: Ignoring error
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at
org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$lz
ycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpoint.sc
ala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$l
zycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$1
(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.scala:72
5)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receiveA
ndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
```

```
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$Mes
sageLoop$$receiveLoop(MessageLoop.scala:75)
        at
org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.scala:41)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoo
lExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPo
olExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find
endpoint: spark://CoarseGrainedScheduler@192.168.1.62:64070
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at
scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.scala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.dispatchOrAddCallback(Pr
omise.scala:316)
        at
scala.concurrent.impl.Promise$DefaultPromise.onComplete(Promise.scala:307)
        at scala.concurrent.impl.Promise.transformWith(Promise.scala:40)
        at scala.concurrent.impl.Promise.transformWith$(Promise.scala:38)
        at
scala.concurrent.impl.Promise$DefaultPromise.transformWith(Promise.scala:187)
        at scala.concurrent.Future.flatMap(Future.scala:306)
        at scala.concurrent.Future.flatMap$(Future.scala:306)
        at
scala.concurrent.impl.Promise$DefaultPromise.flatMap(Promise.scala:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.asyncSetupEndpointRefByURI(Net
tyRpcEnv.scala:150)
        … 17 more
25/11/27 08:10:40 WARN Executor: Issue communicating with driver in heartbeater
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at
org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.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(Bloc
kManagerMaster.scala:80)
        at
org.apache.spark.storage.BlockManager.reregister(BlockManager.scala:642)
        at
org.apache.spark.executor.Executor.reportHeartBeat(Executor.scala:1223)
        at
org.apache.spark.executor.Executor.$anonfun$heartbeater$1(Executor.scala:295)
        at
scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
        at org.apache.spark.util.Utils$.logUncaughtExceptions(Utils.scala:1928)
        at org.apache.spark.Heartbeater$$anon$1.run(Heartbeater.scala:46)
        at java.base/java.util.concurrent.Executors$RunnableAdapter.call(Executo
rs.java:515)
        at
java.base/java.util.concurrent.FutureTask.runAndReset(FutureTask.java:305)
        at java.base/java.util.concurrent.ScheduledThreadPoolExecutor$ScheduledF
utureTask.run(ScheduledThreadPoolExecutor.java:305)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoo
lExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPo
olExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.SparkException: Exception thrown in awaitResult:
        at
org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$lz
ycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpoint.sc
ala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$l
zycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$1
(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.scala:72
5)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receiveA
ndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
```

```
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$Mes
sageLoop$$receiveLoop(MessageLoop.scala:75)
        at
org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.scala:41)
        … 3 more
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find
endpoint: spark://CoarseGrainedScheduler@192.168.1.62:64070
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at
scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.scala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.dispatchOrAddCallback(Pr
omise.scala:316)
        at
scala.concurrent.impl.Promise$DefaultPromise.onComplete(Promise.scala:307)
        at scala.concurrent.impl.Promise.transformWith(Promise.scala:40)
        at scala.concurrent.impl.Promise.transformWith$(Promise.scala:38)
        at
scala.concurrent.impl.Promise$DefaultPromise.transformWith(Promise.scala:187)
        at scala.concurrent.Future.flatMap(Future.scala:306)
        at scala.concurrent.Future.flatMap$(Future.scala:306)
        at
scala.concurrent.impl.Promise$DefaultPromise.flatMap(Promise.scala:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.asyncSetupEndpointRefByURI(Net
tyRpcEnv.scala:150)
        … 17 more
25/11/27 08:10:50 ERROR Inbox: Ignoring error
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at
org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
```

```
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$lz
ycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpoint.sc
ala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$l
zycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$1
(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.scala:72
5)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receiveA
ndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$Mes
sageLoop$$receiveLoop(MessageLoop.scala:75)
        at
org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.scala:41)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoo
lExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPo
olExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find
endpoint: spark://CoarseGrainedScheduler@192.168.1.62:64070
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at
scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.scala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(Promise.scala:288)
        at
scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
```

```
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at
scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala: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$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(Promise.scala:288)
        at
scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at
scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingExecut
or.scala:67)
        at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingExecut
or.scala:82)
        at
scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
        at
scala.concurrent.BlockContext$.withBlockContext(BlockContext.scala:85)
        at
scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scala:59)
        at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecute(Fu
ture.scala:875)
        at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:110)
        at
scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scala:107)
        at
scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.scala:873)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
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romise.scala:288)
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dapted(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.scala:187)
        at
org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.scala:225)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(NettyR
pcEnv.scala:239)
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d(NettyRpcEnv.scala:238)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
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org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
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        at
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        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
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        at
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        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at
scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala: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.scala:187)
        at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpcCall
Context.scala:50)
        at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCallCont
ext.scala:32)
        at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAndRep
ly$1.applyOrElse(RpcEndpointVerifier.scala:31)
        … 8 more
25/11/27 08:10:50 WARN Executor: Issue communicating with driver in heartbeater
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at
org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:101)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:85)
        at org.apache.spark.storage.BlockManagerMaster.registerBlockManager(Bloc
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kManagerMaster.scala:80)
        at
org.apache.spark.storage.BlockManager.reregister(BlockManager.scala:642)
        at
org.apache.spark.executor.Executor.reportHeartBeat(Executor.scala:1223)
        at
org.apache.spark.executor.Executor.$anonfun$heartbeater$1(Executor.scala:295)
        at
scala.runtime.java8.JFunction0mcVsp.apply(JFunction0mcVsp.java:23)
        at org.apache.spark.util.Utils$.logUncaughtExceptions(Utils.scala:1928)
        at org.apache.spark.Heartbeater$$anon$1.run(Heartbeater.scala:46)
        at java.base/java.util.concurrent.Executors$RunnableAdapter.call(Executo
rs.java:515)
        at
java.base/java.util.concurrent.FutureTask.runAndReset(FutureTask.java:305)
        at java.base/java.util.concurrent.ScheduledThreadPoolExecutor$ScheduledF
utureTask.run(ScheduledThreadPoolExecutor.java:305)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoo
lExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPo
olExecutor.java:628)
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org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
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        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$lz
ycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpoint.sc
ala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$l
zycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$1
(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.scala:72
5)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receiveA
ndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$sparkrpcnetty$Mes

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sageLoop$$receiveLoop(MessageLoop.scala:75)
        at
org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.scala:41)
        … 3 more
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find
endpoint: spark://CoarseGrainedScheduler@192.168.1.62:64070
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
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or.scala:82)
        at
scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
        at
scala.concurrent.BlockContext$.withBlockContext(BlockContext.scala:85)
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ture.scala:875)
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        at
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ext.scala:32)
        at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAndRep
ly$1.applyOrElse(RpcEndpointVerifier.scala:31)
        … 8 more
25/11/27 08:11:00 WARN Executor: Issue communicating with driver in heartbeater
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at
org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
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kManagerMaster.scala:80)
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org.apache.spark.executor.Executor.$anonfun$heartbeater$1(Executor.scala:295)
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scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
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        at java.base/java.util.concurrent.ScheduledThreadPoolExecutor$ScheduledF
utureTask.run(ScheduledThreadPoolExecutor.java:305)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoo
lExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPo
olExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
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Caused by: org.apache.spark.SparkException: Exception thrown in awaitResult:
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org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
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        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
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        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$lz
ycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpoint.sc
ala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$l
zycompute$1(BlockManagerMasterEndpoint.scala:688)
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ndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$Mes
sageLoop$$receiveLoop(MessageLoop.scala:75)
        at
org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.scala:41)
        … 3 more
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find
endpoint: spark://CoarseGrainedScheduler@192.168.1.62:64070
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at
scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.scala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at
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        at
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romise.scala:288)
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        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(Promise.scala:288)
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scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
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scala.concurrent.BlockContext$.withBlockContext(BlockContext.scala:85)
        at
scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scala:59)
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ture.scala:875)
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        at
scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scala:107)
        at
scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.scala:873)
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scala.concurrent.impl.Promise$DefaultPromise.trySuccess(Promise.scala:187)
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org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.scala:225)
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pcEnv.scala:239)
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        at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpcCall
Context.scala:50)
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ext.scala:32)
        at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAndRep
ly$1.applyOrElse(RpcEndpointVerifier.scala:31)
        … 8 more
25/11/27 08:11:00 ERROR Inbox: Ignoring error
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at
org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)

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        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
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olExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find
endpoint: spark://CoarseGrainedScheduler@192.168.1.62:64070
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at
scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.scala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
```

```
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(Promise.scala:288)
        at
scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at
scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.impl.Promise.$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.scala:99)
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scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
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        at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingExecut
or.scala:67)
        at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingExecut
or.scala:82)
        at
scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
        at
scala.concurrent.BlockContext$.withBlockContext(BlockContext.scala:85)
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scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scala:59)
        at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecute(Fu
ture.scala:875)
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scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scala:107)
        at
scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.scala:873)
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        at
org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.scala:225)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(NettyR
pcEnv.scala:239)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable5adapte
d(NettyRpcEnv.scala:238)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
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        at
scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
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        at
scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scala:187)
        at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpcCall
Context.scala:50)
        at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCallCont
ext.scala:32)
        at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAndRep
ly$1.applyOrElse(RpcEndpointVerifier.scala:31)
        … 8 more
25/11/27 08:11:10 ERROR Inbox: Ignoring error
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at
org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.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:102)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$lz
ycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpoint.sc
ala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$l
zycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$1
(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.scala:72
5)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receiveA
ndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$Mes
sageLoop$$receiveLoop(MessageLoop.scala:75)
        at
org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.scala:41)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoo
lExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPo
olExecutor.java:628)
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        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
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romise.scala:288)
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        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
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        at
scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
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        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(Promise.scala:288)
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        at
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        at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingExecut
or.scala:67)
        at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingExecut
or.scala:82)
        at
scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
        at
scala.concurrent.BlockContext$.withBlockContext(BlockContext.scala:85)
        at
scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scala:59)
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ture.scala:875)
        at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:110)
        at
scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scala:107)
        at
scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.scala:873)
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scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
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```

```
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(Promise.scala:288)
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        at scala.concurrent.Promise.trySuccess(Promise.scala:94)
        at scala.concurrent.Promise.trySuccess$(Promise.scala:94)
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scala.concurrent.impl.Promise$DefaultPromise.trySuccess(Promise.scala:187)
        at
org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.scala:225)
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pcEnv.scala:239)
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d(NettyRpcEnv.scala:238)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
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org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
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        at
scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scala:187)
        at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpcCall
Context.scala:50)
        at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCallCont
ext.scala:32)
        at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAndRep
ly$1.applyOrElse(RpcEndpointVerifier.scala:31)
        … 8 more
25/11/27 08:11:10 WARN Executor: Issue communicating with driver in heartbeater
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at
org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.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(Bloc
kManagerMaster.scala:80)
        at
org.apache.spark.storage.BlockManager.reregister(BlockManager.scala:642)
        at
org.apache.spark.executor.Executor.reportHeartBeat(Executor.scala:1223)
        at
org.apache.spark.executor.Executor.$anonfun$heartbeater$1(Executor.scala:295)
        at
scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
        at org.apache.spark.util.Utils$.logUncaughtExceptions(Utils.scala:1928)
        at org.apache.spark.Heartbeater$$anon$1.run(Heartbeater.scala:46)
        at java.base/java.util.concurrent.Executors$RunnableAdapter.call(Executo
rs.java:515)
        at
java.base/java.util.concurrent.FutureTask.runAndReset(FutureTask.java:305)
        at java.base/java.util.concurrent.ScheduledThreadPoolExecutor$ScheduledF
utureTask.run(ScheduledThreadPoolExecutor.java:305)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoo
lExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPo
olExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.SparkException: Exception thrown in awaitResult:
        at
org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$lz
ycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpoint.sc
ala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$l
zycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$1
(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.scala:72
5)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receiveA
ndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
```

```
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$Mes
sageLoop$$receiveLoop(MessageLoop.scala:75)
        at
org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.scala:41)
        … 3 more
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find
endpoint: spark://CoarseGrainedScheduler@192.168.1.62:64070
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1(NettyRpcEnv.scala:148)
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romise.scala:288)
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        at
scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
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        at scala.concurrent.Promise.complete(Promise.scala:53)
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        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
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or.scala:67)
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or.scala:82)
        at
scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
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        at
scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scala:107)
        at
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ext.scala:32)
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        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
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org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.scala:41)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoo
lExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPo
olExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find
endpoint: spark://CoarseGrainedScheduler@192.168.1.62:64070
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at
scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.scala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(Promise.scala:288)
        at
scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at
scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
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org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
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scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(Promise.scala:288)
        at
scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
```

```
        at scala.concurrent.Promise.complete(Promise.scala:53)
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        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$1(BatchingExecut
or.scala:67)
        at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingExecut
or.scala:82)
        at
scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
        at
scala.concurrent.BlockContext$.withBlockContext(BlockContext.scala:85)
        at
scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scala:59)
        at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecute(Fu
ture.scala:875)
        at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:110)
        at
scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scala:107)
        at
scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.scala:873)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(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.scala:187)
        at
org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.scala:225)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(NettyR
pcEnv.scala:239)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$adapte
d(NettyRpcEnv.scala:238)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
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org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
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        at
scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.Promise.success(Promise.scala:86)
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scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scala:187)
        at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpcCall
Context.scala:50)
        at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCallCont
ext.scala:32)
        at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAndRep
ly$1.applyOrElse(RpcEndpointVerifier.scala:31)
        … 8 more
25/11/27 08:11:20 WARN Executor: Issue communicating with driver in heartbeater
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at
org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:101)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:85)
        at org.apache.spark.storage.BlockManagerMaster.registerBlockManager(Bloc
kManagerMaster.scala:80)
        at
org.apache.spark.storage.BlockManager.reregister(BlockManager.scala:642)
        at
org.apache.spark.executor.Executor.reportHeartBeat(Executor.scala:1223)
        at
org.apache.spark.executor.Executor.$anonfun$heartbeater$1(Executor.scala:295)
        at
scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
        at org.apache.spark.util.Utils$.logUncaughtExceptions(Utils.scala:1928)
        at org.apache.spark.Heartbeater$$anon$1.run(Heartbeater.scala:46)
        at java.base/java.util.concurrent.Executors$RunnableAdapter.call(Executo
rs.java:515)
        at
java.base/java.util.concurrent.FutureTask.runAndReset(FutureTask.java:305)
        at java.base/java.util.concurrent.ScheduledThreadPoolExecutor$ScheduledF
utureTask.run(ScheduledThreadPoolExecutor.java:305)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoo
```

```
lExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPo
olExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.SparkException: Exception thrown in awaitResult:
        at
org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$lz
ycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpoint.sc
ala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$l
zycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$1
(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.scala:72
5)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receiveA
ndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$Mes
sageLoop$$receiveLoop(MessageLoop.scala:75)
        at
org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.scala:41)
        … 3 more
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find
endpoint: spark://CoarseGrainedScheduler@192.168.1.62:64070
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
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        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at
scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.scala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
```

```
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(Promise.scala:288)
        at
scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at
scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
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        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
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romise.scala:288)
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dapted(Promise.scala:288)
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scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
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        at
scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingExecut
or.scala:67)
        at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingExecut
or.scala:82)
        at
scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
        at
scala.concurrent.BlockContext$.withBlockContext(BlockContext.scala:85)
        at
scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scala:59)
        at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecute(Fu
ture.scala:875)
        at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:110)
        at
scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scala:107)
        at
```

```
scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.scala:873)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(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.scala:187)
        at
org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.scala:225)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(NettyR
pcEnv.scala:239)
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d(NettyRpcEnv.scala:238)
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        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
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ontextImpl.scala:138)
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romise.scala:288)
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        at
scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.Promise.success(Promise.scala:86)
        at scala.concurrent.Promise.success$(Promise.scala:86)
        at
scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scala:187)
        at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpcCall
Context.scala:50)
        at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCallCont
ext.scala:32)
        at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAndRep
ly$1.applyOrElse(RpcEndpointVerifier.scala:31)
        … 8 more
25/11/27 08:11:30 ERROR Inbox: Ignoring error
```

```
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at
org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$lz
ycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpoint.sc
ala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$l
zycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$1
(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.scala:72
5)
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ndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
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olExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find
endpoint: spark://CoarseGrainedScheduler@192.168.1.62:64070
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
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scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.scala:41)
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        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
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ontextImpl.scala:138)
```

```
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
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dapted(Promise.scala:288)
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scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
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or.scala:67)
        at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingExecut
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        at
scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
        at
scala.concurrent.BlockContext$.withBlockContext(BlockContext.scala:85)
        at
scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scala:59)
        at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecute(Fu
ture.scala:875)
        at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:110)
        at
scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scala:107)
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scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.scala:873)
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        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at
scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.Promise.success(Promise.scala:86)
        at scala.concurrent.Promise.success$(Promise.scala:86)
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        at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpcCall
Context.scala:50)
        at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCallCont
ext.scala:32)
        at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAndRep
ly$1.applyOrElse(RpcEndpointVerifier.scala:31)
        … 8 more
25/11/27 08:11:30 WARN Executor: Issue communicating with driver in heartbeater
```

```
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at
org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
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        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:85)
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org.apache.spark.storage.BlockManager.reregister(BlockManager.scala:642)
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org.apache.spark.executor.Executor.$anonfun$heartbeater$1(Executor.scala:295)
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lExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPo
olExecutor.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$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$lz
ycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpoint.sc
ala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$l
zycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$1
(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
```

```
storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.scala:72
5)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receiveA
ndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$Mes
sageLoop$$receiveLoop(MessageLoop.scala:75)
        at
org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.scala:41)
        … 3 more
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find
endpoint: spark://CoarseGrainedScheduler@192.168.1.62:64070
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at
scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.scala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(Promise.scala:288)
        at
scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at
scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
```

```
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(Promise.scala:288)
        at
scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at
scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingExecut
or.scala:67)
        at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingExecut
or.scala:82)
        at
scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
        at
scala.concurrent.BlockContext$.withBlockContext(BlockContext.scala:85)
        at
scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scala:59)
        at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecute(Fu
ture.scala:875)
        at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:110)
        at
scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scala:107)
        at
scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.scala:873)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(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.scala:187)
        at
org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.scala:225)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(NettyR
pcEnv.scala:239)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$adapte
d(NettyRpcEnv.scala:238)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
```

```
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(Promise.scala:288)
        at
scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at
scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.Promise.success(Promise.scala:86)
        at scala.concurrent.Promise.success$(Promise.scala:86)
        at
scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scala:187)
        at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpcCall
Context.scala:50)
        at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCallCont
ext.scala:32)
        at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAndRep
ly$1.applyOrElse(RpcEndpointVerifier.scala:31)
        … 8 more
25/11/27 08:11:40 ERROR Inbox: Ignoring error
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at
org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$lz
ycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpoint.sc
ala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$l
zycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$1
(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.scala:72
5)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receiveA
ndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
```

```
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$Mes
sageLoop$$receiveLoop(MessageLoop.scala:75)
        at
org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.scala:41)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoo
lExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPo
olExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find
endpoint: spark://CoarseGrainedScheduler@192.168.1.62:64070
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at
scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.scala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(Promise.scala:288)
        at
scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at
scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
```

```
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(Promise.scala:288)
        at
scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at
scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingExecut
or.scala:67)
        at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingExecut
or.scala:82)
        at
scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
        at
scala.concurrent.BlockContext$.withBlockContext(BlockContext.scala:85)
        at
scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scala:59)
        at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecute(Fu
ture.scala:875)
        at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:110)
        at
scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scala:107)
        at
scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.scala:873)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(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.scala:187)
        at
org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.scala:225)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(NettyR
pcEnv.scala:239)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$adapte
d(NettyRpcEnv.scala:238)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
```

```
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(Promise.scala:288)
        at
scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at
scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.Promise.success(Promise.scala:86)
        at scala.concurrent.Promise.success$(Promise.scala:86)
        at
scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scala:187)
        at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpcCall
Context.scala:50)
        at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCallCont
ext.scala:32)
        at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAndRep
ly$1.applyOrElse(RpcEndpointVerifier.scala:31)
        … 8 more
25/11/27 08:11:40 WARN Executor: Issue communicating with driver in heartbeater
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at
org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:101)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:85)
        at org.apache.spark.storage.BlockManagerMaster.registerBlockManager(Bloc
kManagerMaster.scala:80)
        at
org.apache.spark.storage.BlockManager.reregister(BlockManager.scala:642)
        at
org.apache.spark.executor.Executor.reportHeartBeat(Executor.scala:1223)
        at
org.apache.spark.executor.Executor.$anonfun$heartbeater$1(Executor.scala:295)
        at
scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
        at org.apache.spark.util.Utils$.logUncaughtExceptions(Utils.scala:1928)
        at org.apache.spark.Heartbeater$$anon$1.run(Heartbeater.scala:46)
        at java.base/java.util.concurrent.Executors$RunnableAdapter.call(Executo
rs.java:515)
        at
```

```
java.base/java.util.concurrent.FutureTask.runAndReset(FutureTask.java:305)
        at java.base/java.util.concurrent.ScheduledThreadPoolExecutor$ScheduledF
utureTask.run(ScheduledThreadPoolExecutor.java:305)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoo
lExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPo
olExecutor.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$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$lz
ycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpoint.sc
ala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$l
zycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$1
(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.scala:72
5)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receiveA
ndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$Mes
sageLoop$$receiveLoop(MessageLoop.scala:75)
        at
org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.scala:41)
        … 3 more
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find
endpoint: spark://CoarseGrainedScheduler@192.168.1.62:64070
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at
scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.scala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
```

```
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(Promise.scala:288)
        at
scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at
scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(Promise.scala:288)
        at
scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at
scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingExecut
or.scala:67)
        at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingExecut
or.scala:82)
        at
scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
        at
scala.concurrent.BlockContext$.withBlockContext(BlockContext.scala:85)
        at
scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scala:59)
        at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecute(Fu
ture.scala:875)
```

```
        at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:110)
        at
scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scala:107)
        at
scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.scala:873)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
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scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
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        at
scala.concurrent.impl.Promise$DefaultPromise.trySuccess(Promise.scala:187)
        at
org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.scala:225)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(NettyR
pcEnv.scala:239)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$adapte
d(NettyRpcEnv.scala:238)
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        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
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scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(Promise.scala:288)
        at
scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
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        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at
scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.Promise.success(Promise.scala:86)
        at scala.concurrent.Promise.success$(Promise.scala:86)
        at
scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scala:187)
        at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpcCall
Context.scala:50)
        at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCallCont
ext.scala:32)
```

```
        at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAndRep
ly$1.applyOrElse(RpcEndpointVerifier.scala:31)
        … 8 more
25/11/27 08:11:50 ERROR Inbox: Ignoring error
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at
org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$lz
ycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpoint.sc
ala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$l
zycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$1
(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.scala:72
5)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receiveA
ndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$Mes
sageLoop$$receiveLoop(MessageLoop.scala:75)
        at
org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.scala:41)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoo
lExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPo
olExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find
endpoint: spark://CoarseGrainedScheduler@192.168.1.62:64070
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at
scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.scala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
```

```
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(Promise.scala:288)
        at
scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at
scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(Promise.scala:288)
        at
scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at
scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingExecut
or.scala:67)
        at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingExecut
or.scala:82)
        at
scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
        at
scala.concurrent.BlockContext$.withBlockContext(BlockContext.scala:85)
        at
scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scala:59)
        at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecute(Fu
ture.scala:875)
```

```
        at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:110)
        at
scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scala:107)
        at
scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.scala:873)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(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.scala:187)
        at
org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.scala:225)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(NettyR
pcEnv.scala:239)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$adapte
d(NettyRpcEnv.scala:238)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(Promise.scala:288)
        at
scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at
scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.Promise.success(Promise.scala:86)
        at scala.concurrent.Promise.success$(Promise.scala:86)
        at
scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scala:187)
        at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpcCall
Context.scala:50)
        at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCallCont
ext.scala:32)
```

```
        at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAndRep
ly$1.applyOrElse(RpcEndpointVerifier.scala:31)
        … 8 more
25/11/27 08:11:50 WARN Executor: Issue communicating with driver in heartbeater
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at
org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:101)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:85)
        at org.apache.spark.storage.BlockManagerMaster.registerBlockManager(Bloc
kManagerMaster.scala:80)
        at
org.apache.spark.storage.BlockManager.reregister(BlockManager.scala:642)
        at
org.apache.spark.executor.Executor.reportHeartBeat(Executor.scala:1223)
        at
org.apache.spark.executor.Executor.$anonfun$heartbeater$1(Executor.scala:295)
        at
scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
        at org.apache.spark.util.Utils$.logUncaughtExceptions(Utils.scala:1928)
        at org.apache.spark.Heartbeater$$anon$1.run(Heartbeater.scala:46)
        at java.base/java.util.concurrent.Executors$RunnableAdapter.call(Executo
rs.java:515)
        at
java.base/java.util.concurrent.FutureTask.runAndReset(FutureTask.java:305)
        at java.base/java.util.concurrent.ScheduledThreadPoolExecutor$ScheduledF
utureTask.run(ScheduledThreadPoolExecutor.java:305)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoo
lExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPo
olExecutor.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$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$lz
ycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpoint.sc
ala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$l
```

```
zycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$1
(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.scala:72
5)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receiveA
ndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$Mes
sageLoop$$receiveLoop(MessageLoop.scala:75)
        at
org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.scala:41)
        … 3 more
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find
endpoint: spark://CoarseGrainedScheduler@192.168.1.62:64070
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at
scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.scala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(Promise.scala:288)
        at
scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at
scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
```

```
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(Promise.scala:288)
        at
scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at
scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingExecut
or.scala:67)
        at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingExecut
or.scala:82)
        at
scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
        at
scala.concurrent.BlockContext$.withBlockContext(BlockContext.scala:85)
        at
scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scala:59)
        at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecute(Fu
ture.scala:875)
        at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:110)
        at
scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scala:107)
        at
scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.scala:873)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(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.scala:187)
        at
org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.scala:225)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(NettyR
pcEnv.scala:239)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$adapte
```

```
d(NettyRpcEnv.scala:238)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(Promise.scala:288)
        at
scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at
scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.Promise.success(Promise.scala:86)
        at scala.concurrent.Promise.success$(Promise.scala:86)
        at
scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scala:187)
        at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpcCall
Context.scala:50)
        at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCallCont
ext.scala:32)
        at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAndRep
ly$1.applyOrElse(RpcEndpointVerifier.scala:31)
        … 8 more
25/11/27 08:12:00 ERROR Inbox: Ignoring error
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at
org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$lz
ycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpoint.sc
ala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$l
zycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$1
(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
```

```
storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.scala:72
5)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receiveA
ndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$Mes
sageLoop$$receiveLoop(MessageLoop.scala:75)
        at
org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.scala:41)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoo
lExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPo
olExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find
endpoint: spark://CoarseGrainedScheduler@192.168.1.62:64070
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at
scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.scala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(Promise.scala:288)
        at
scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at
scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
```

```
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(Promise.scala:288)
        at
scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at
scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingExecut
or.scala:67)
        at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingExecut
or.scala:82)
        at
scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
        at
scala.concurrent.BlockContext$.withBlockContext(BlockContext.scala:85)
        at
scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scala:59)
        at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecute(Fu
ture.scala:875)
        at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:110)
        at
scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scala:107)
        at
scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.scala:873)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(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.scala:187)
        at
org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.scala:225)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(NettyR
pcEnv.scala:239)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$adapte
```

```
d(NettyRpcEnv.scala:238)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(Promise.scala:288)
        at
scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at
scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.Promise.success(Promise.scala:86)
        at scala.concurrent.Promise.success$(Promise.scala:86)
        at
scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scala:187)
        at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpcCall
Context.scala:50)
        at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCallCont
ext.scala:32)
        at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAndRep
ly$1.applyOrElse(RpcEndpointVerifier.scala:31)
        … 8 more
25/11/27 08:12:00 WARN Executor: Issue communicating with driver in heartbeater
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at
org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:101)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:85)
        at org.apache.spark.storage.BlockManagerMaster.registerBlockManager(Bloc
kManagerMaster.scala:80)
        at
org.apache.spark.storage.BlockManager.reregister(BlockManager.scala:642)
        at
org.apache.spark.executor.Executor.reportHeartBeat(Executor.scala:1223)
        at
org.apache.spark.executor.Executor.$anonfun$heartbeater$1(Executor.scala:295)
        at
scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
        at org.apache.spark.util.Utils$.logUncaughtExceptions(Utils.scala:1928)
```

```
        at org.apache.spark.Heartbeater$$anon$1.run(Heartbeater.scala:46)
        at java.base/java.util.concurrent.Executors$RunnableAdapter.call(Executo
rs.java:515)
        at
java.base/java.util.concurrent.FutureTask.runAndReset(FutureTask.java:305)
        at java.base/java.util.concurrent.ScheduledThreadPoolExecutor$ScheduledF
utureTask.run(ScheduledThreadPoolExecutor.java:305)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoo
lExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPo
olExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.SparkException: Exception thrown in awaitResult:
        at
org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$lz
ycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpoint.sc
ala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$l
zycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$1
(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.scala:72
5)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receiveA
ndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$Mes
sageLoop$$receiveLoop(MessageLoop.scala:75)
        at
org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.scala:41)
        … 3 more
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find
endpoint: spark://CoarseGrainedScheduler@192.168.1.62:64070
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1$adapted(NettyRpcEnv.scala:144)
```

```
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at
scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.scala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(Promise.scala:288)
        at
scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at
scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(Promise.scala:288)
        at
scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at
scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingExecut
or.scala:67)
        at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingExecut
or.scala:82)
        at
scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
        at
scala.concurrent.BlockContext$.withBlockContext(BlockContext.scala:85)
```

```
        at
scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scala:59)
        at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecute(Fu
ture.scala:875)
        at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:110)
        at
scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scala:107)
        at
scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.scala:873)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(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.scala:187)
        at
org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.scala:225)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(NettyR
pcEnv.scala:239)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$adapte
d(NettyRpcEnv.scala:238)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(Promise.scala:288)
        at
scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at
scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.Promise.success(Promise.scala:86)
        at scala.concurrent.Promise.success$(Promise.scala:86)
        at
scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scala:187)
```

at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpcCall
Context.scala:50)
        at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCallCont
ext.scala:32)
        at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAndRep
ly$1.applyOrElse(RpcEndpointVerifier.scala:31)
        … 8 more
25/11/27 08:12:10 ERROR Inbox: Ignoring error
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at
org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$lz
ycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpoint.sc
ala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$l
zycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$1
(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.scala:72
5)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receiveA
ndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$sparkrpcnetty$Mes
sageLoop$$receiveLoop(MessageLoop.scala:75)
        at
org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.scala:41)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoo
lExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPo
olExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find
endpoint: spark://CoarseGrainedScheduler@192.168.1.62:64070
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI1adapted(NettyRpcEnv.scala:144)

```
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at
scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.scala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.dispatchOrAddCallback(Pr
omise.scala:316)
        at
scala.concurrent.impl.Promise$DefaultPromise.onComplete(Promise.scala:307)
        at scala.concurrent.impl.Promise.transformWith(Promise.scala:40)
        at scala.concurrent.impl.Promise.transformWith$(Promise.scala:38)
        at
scala.concurrent.impl.Promise$DefaultPromise.transformWith(Promise.scala:187)
        at scala.concurrent.Future.flatMap(Future.scala:306)
        at scala.concurrent.Future.flatMap$(Future.scala:306)
        at
scala.concurrent.impl.Promise$DefaultPromise.flatMap(Promise.scala:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.asyncSetupEndpointRefByURI(Net
tyRpcEnv.scala:150)
        … 17 more
25/11/27 08:12:10 WARN Executor: Issue communicating with driver in heartbeater
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at
org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:101)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:85)
        at org.apache.spark.storage.BlockManagerMaster.registerBlockManager(Bloc
kManagerMaster.scala:80)
        at
org.apache.spark.storage.BlockManager.reregister(BlockManager.scala:642)
        at
org.apache.spark.executor.Executor.reportHeartBeat(Executor.scala:1223)
        at
org.apache.spark.executor.Executor.$anonfun$heartbeater$1(Executor.scala:295)
        at
scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
        at org.apache.spark.util.Utils$.logUncaughtExceptions(Utils.scala:1928)
        at org.apache.spark.Heartbeater$$anon$1.run(Heartbeater.scala:46)
        at java.base/java.util.concurrent.Executors$RunnableAdapter.call(Executo
rs.java:515)
        at
```

```
java.base/java.util.concurrent.FutureTask.runAndReset(FutureTask.java:305)
        at java.base/java.util.concurrent.ScheduledThreadPoolExecutor$ScheduledF
utureTask.run(ScheduledThreadPoolExecutor.java:305)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoo
lExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPo
olExecutor.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$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$lz
ycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpoint.sc
ala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$l
zycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$1
(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.scala:72
5)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receiveA
ndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$Mes
sageLoop$$receiveLoop(MessageLoop.scala:75)
        at
org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.scala:41)
        … 3 more
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find
endpoint: spark://CoarseGrainedScheduler@192.168.1.62:64070
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at
scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.scala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
```

```
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.dispatchOrAddCallback(Pr
omise.scala:316)
        at
scala.concurrent.impl.Promise$DefaultPromise.onComplete(Promise.scala:307)
        at scala.concurrent.impl.Promise.transformWith(Promise.scala:40)
        at scala.concurrent.impl.Promise.transformWith$(Promise.scala:38)
        at
scala.concurrent.impl.Promise$DefaultPromise.transformWith(Promise.scala:187)
        at scala.concurrent.Future.flatMap(Future.scala:306)
        at scala.concurrent.Future.flatMap$(Future.scala:306)
        at
scala.concurrent.impl.Promise$DefaultPromise.flatMap(Promise.scala:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.asyncSetupEndpointRefByURI(Net
tyRpcEnv.scala:150)
        … 17 more
25/11/27 08:12:20 ERROR Inbox: Ignoring error
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at
org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$lz
ycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpoint.sc
ala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$l
zycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$1
(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.scala:72
5)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receiveA
ndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$Mes
```

```
sageLoop$$receiveLoop(MessageLoop.scala:75)
        at
org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.scala:41)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoo
lExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPo
olExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find
endpoint: spark://CoarseGrainedScheduler@192.168.1.62:64070
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at
scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.scala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(Promise.scala:288)
        at
scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at
scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(Promise.scala:288)
        at
scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
```

```
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at
scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala: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$1(BatchingExecut
or.scala:67)
        at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingExecut
or.scala:82)
        at
scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
        at
scala.concurrent.BlockContext$.withBlockContext(BlockContext.scala:85)
        at
scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scala:59)
        at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecute(Fu
ture.scala:875)
        at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:110)
        at
scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scala:107)
        at
scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.scala:873)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(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.scala:187)
        at
org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.scala:225)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(NettyR
pcEnv.scala:239)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$adapte
d(NettyRpcEnv.scala:238)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
```

```
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(Promise.scala:288)
        at
scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at
scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.Promise.success(Promise.scala:86)
        at scala.concurrent.Promise.success$(Promise.scala:86)
        at
scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scala:187)
        at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpcCall
Context.scala:50)
        at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCallCont
ext.scala:32)
        at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAndRep
ly$1.applyOrElse(RpcEndpointVerifier.scala:31)
        … 8 more
25/11/27 08:12:20 WARN Executor: Issue communicating with driver in heartbeater
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at
org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:101)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:85)
        at org.apache.spark.storage.BlockManagerMaster.registerBlockManager(Bloc
kManagerMaster.scala:80)
        at
org.apache.spark.storage.BlockManager.reregister(BlockManager.scala:642)
        at
org.apache.spark.executor.Executor.reportHeartBeat(Executor.scala:1223)
        at
org.apache.spark.executor.Executor.$anonfun$heartbeater$1(Executor.scala:295)
        at
scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
        at org.apache.spark.util.Utils$.logUncaughtExceptions(Utils.scala:1928)
        at org.apache.spark.Heartbeater$$anon$1.run(Heartbeater.scala:46)
        at java.base/java.util.concurrent.Executors$RunnableAdapter.call(Executo
rs.java:515)
        at
java.base/java.util.concurrent.FutureTask.runAndReset(FutureTask.java:305)
        at java.base/java.util.concurrent.ScheduledThreadPoolExecutor$ScheduledF
utureTask.run(ScheduledThreadPoolExecutor.java:305)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoo
```

```
lExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPo
olExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.SparkException: Exception thrown in awaitResult:
        at
org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$lz
ycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpoint.sc
ala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$l
zycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$1
(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.scala:72
5)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receiveA
ndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$Mes
sageLoop$$receiveLoop(MessageLoop.scala:75)
        at
org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.scala:41)
        … 3 more
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find
endpoint: spark://CoarseGrainedScheduler@192.168.1.62:64070
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at
scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.scala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
```

```
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(Promise.scala:288)
        at
scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at
scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
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ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(Promise.scala:288)
        at
scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at
scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingExecut
or.scala:67)
        at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingExecut
or.scala:82)
        at
scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
        at
scala.concurrent.BlockContext$.withBlockContext(BlockContext.scala:85)
        at
scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scala:59)
        at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecute(Fu
ture.scala:875)
        at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:110)
        at
scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scala:107)
        at
```

```
scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.scala:873)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(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.scala:187)
        at
org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.scala:225)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(NettyR
pcEnv.scala:239)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$adapte
d(NettyRpcEnv.scala:238)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(Promise.scala:288)
        at
scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
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        at
scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala: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.scala:187)
        at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpcCall
Context.scala:50)
        at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCallCont
ext.scala:32)
        at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAndRep
ly$1.applyOrElse(RpcEndpointVerifier.scala:31)
        … 8 more
25/11/27 08:12:30 ERROR Inbox: Ignoring error
```

```
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at
org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$lz
ycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpoint.sc
ala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$l
zycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$1
(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.scala:72
5)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receiveA
ndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$Mes
sageLoop$$receiveLoop(MessageLoop.scala:75)
        at
org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.scala:41)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoo
lExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPo
olExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find
endpoint: spark://CoarseGrainedScheduler@192.168.1.62:64070
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at
scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.scala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
```

```
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(Promise.scala:288)
        at
scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at
scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
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        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
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scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
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        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at
scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingExecut
or.scala:67)
        at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingExecut
or.scala:82)
        at
scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
        at
scala.concurrent.BlockContext$.withBlockContext(BlockContext.scala:85)
        at
scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scala:59)
        at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecute(Fu
ture.scala:875)
        at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:110)
        at
scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scala:107)
        at
```

```
scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.scala:873)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(Promise.scala:288)
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scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
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        at
scala.concurrent.impl.Promise$DefaultPromise.trySuccess(Promise.scala:187)
        at
org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.scala:225)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(NettyR
pcEnv.scala:239)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$adapte
d(NettyRpcEnv.scala:238)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
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        at
scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at
scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.Promise.success(Promise.scala:86)
        at scala.concurrent.Promise.success$(Promise.scala:86)
        at
scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scala:187)
        at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpcCall
Context.scala:50)
        at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCallCont
ext.scala:32)
        at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAndRep
ly$1.applyOrElse(RpcEndpointVerifier.scala:31)
        … 8 more
25/11/27 08:12:30 WARN Executor: Issue communicating with driver in heartbeater
```

```
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at
org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.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(Bloc
kManagerMaster.scala:80)
        at
org.apache.spark.storage.BlockManager.reregister(BlockManager.scala:642)
        at
org.apache.spark.executor.Executor.reportHeartBeat(Executor.scala:1223)
        at
org.apache.spark.executor.Executor.$anonfun$heartbeater$1(Executor.scala:295)
        at
scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
        at org.apache.spark.util.Utils$.logUncaughtExceptions(Utils.scala:1928)
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rs.java:515)
        at
java.base/java.util.concurrent.FutureTask.runAndReset(FutureTask.java:305)
        at java.base/java.util.concurrent.ScheduledThreadPoolExecutor$ScheduledF
utureTask.run(ScheduledThreadPoolExecutor.java:305)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoo
lExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPo
olExecutor.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$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$lz
ycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpoint.sc
ala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$l
zycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$1
(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
```

```
storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.scala:72
5)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receiveA
ndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$Mes
sageLoop$$receiveLoop(MessageLoop.scala:75)
        at
org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.scala:41)
        … 3 more
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find
endpoint: spark://CoarseGrainedScheduler@192.168.1.62:64070
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at
scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.scala:41)
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        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
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ontextImpl.scala:138)
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        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(Promise.scala:288)
        at
scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at
scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
```

```
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(Promise.scala:288)
        at
scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at
scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingExecut
or.scala:67)
        at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingExecut
or.scala:82)
        at
scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
        at
scala.concurrent.BlockContext$.withBlockContext(BlockContext.scala:85)
        at
scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scala:59)
        at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecute(Fu
ture.scala:875)
        at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:110)
        at
scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scala:107)
        at
scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.scala:873)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(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.scala:187)
        at
org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.scala:225)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(NettyR
pcEnv.scala:239)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$adapte
d(NettyRpcEnv.scala:238)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
```

```
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(Promise.scala:288)
        at
scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at
scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.Promise.success(Promise.scala:86)
        at scala.concurrent.Promise.success$(Promise.scala:86)
        at
scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scala:187)
        at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpcCall
Context.scala:50)
        at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCallCont
ext.scala:32)
        at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAndRep
ly$1.applyOrElse(RpcEndpointVerifier.scala:31)
        … 8 more
25/11/27 08:12:40 ERROR Inbox: Ignoring error
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at
org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$lz
ycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpoint.sc
ala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$l
zycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$1
(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.scala:72
5)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receiveA
ndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
```

```
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$Mes
sageLoop$$receiveLoop(MessageLoop.scala:75)
        at
org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.scala:41)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoo
lExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPo
olExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find
endpoint: spark://CoarseGrainedScheduler@192.168.1.62:64070
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at
scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.scala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.dispatchOrAddCallback(Pr
omise.scala:316)
        at
scala.concurrent.impl.Promise$DefaultPromise.onComplete(Promise.scala:307)
        at scala.concurrent.impl.Promise.transformWith(Promise.scala:40)
        at scala.concurrent.impl.Promise.transformWith$(Promise.scala:38)
        at
scala.concurrent.impl.Promise$DefaultPromise.transformWith(Promise.scala:187)
        at scala.concurrent.Future.flatMap(Future.scala:306)
        at scala.concurrent.Future.flatMap$(Future.scala:306)
        at
scala.concurrent.impl.Promise$DefaultPromise.flatMap(Promise.scala:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.asyncSetupEndpointRefByURI(Net
tyRpcEnv.scala:150)
        … 17 more
25/11/27 08:12:40 WARN Executor: Issue communicating with driver in heartbeater
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at
org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.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(Bloc
kManagerMaster.scala:80)
        at
org.apache.spark.storage.BlockManager.reregister(BlockManager.scala:642)
        at
org.apache.spark.executor.Executor.reportHeartBeat(Executor.scala:1223)
        at
org.apache.spark.executor.Executor.$anonfun$heartbeater$1(Executor.scala:295)
        at
scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
        at org.apache.spark.util.Utils$.logUncaughtExceptions(Utils.scala:1928)
        at org.apache.spark.Heartbeater$$anon$1.run(Heartbeater.scala:46)
        at java.base/java.util.concurrent.Executors$RunnableAdapter.call(Executo
rs.java:515)
        at
java.base/java.util.concurrent.FutureTask.runAndReset(FutureTask.java:305)
        at java.base/java.util.concurrent.ScheduledThreadPoolExecutor$ScheduledF
utureTask.run(ScheduledThreadPoolExecutor.java:305)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoo
lExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPo
olExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.SparkException: Exception thrown in awaitResult:
        at
org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$lz
ycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpoint.sc
ala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$l
zycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$1
(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.scala:72
5)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receiveA
ndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
```

```
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$Mes
sageLoop$$receiveLoop(MessageLoop.scala:75)
        at
org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.scala:41)
        … 3 more
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find
endpoint: spark://CoarseGrainedScheduler@192.168.1.62:64070
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at
scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.scala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.dispatchOrAddCallback(Pr
omise.scala:316)
        at
scala.concurrent.impl.Promise$DefaultPromise.onComplete(Promise.scala:307)
        at scala.concurrent.impl.Promise.transformWith(Promise.scala:40)
        at scala.concurrent.impl.Promise.transformWith$(Promise.scala:38)
        at
scala.concurrent.impl.Promise$DefaultPromise.transformWith(Promise.scala:187)
        at scala.concurrent.Future.flatMap(Future.scala:306)
        at scala.concurrent.Future.flatMap$(Future.scala:306)
        at
scala.concurrent.impl.Promise$DefaultPromise.flatMap(Promise.scala:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.asyncSetupEndpointRefByURI(Net
tyRpcEnv.scala:150)
        … 17 more
25/11/27 08:12:50 ERROR Inbox: Ignoring error
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at
org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
```

```
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$lz
ycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpoint.sc
ala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$l
zycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$1
(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.scala:72
5)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receiveA
ndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$Mes
sageLoop$$receiveLoop(MessageLoop.scala:75)
        at
org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.scala:41)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoo
lExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPo
olExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find
endpoint: spark://CoarseGrainedScheduler@192.168.1.62:64070
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at
scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.scala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(Promise.scala:288)
        at
scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
```

```
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at
scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala: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$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(Promise.scala:288)
        at
scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at
scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingExecut
or.scala:67)
        at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingExecut
or.scala:82)
        at
scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
        at
scala.concurrent.BlockContext$.withBlockContext(BlockContext.scala:85)
        at
scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scala:59)
        at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecute(Fu
ture.scala:875)
        at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:110)
        at
scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scala:107)
        at
scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.scala:873)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(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.scala:187)
        at
org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.scala:225)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(NettyR
pcEnv.scala:239)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$adapte
d(NettyRpcEnv.scala:238)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(Promise.scala:288)
        at
scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at
scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.Promise.success(Promise.scala:86)
        at scala.concurrent.Promise.success$(Promise.scala:86)
        at
scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scala:187)
        at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpcCall
Context.scala:50)
        at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCallCont
ext.scala:32)
        at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAndRep
ly$1.applyOrElse(RpcEndpointVerifier.scala:31)
        … 8 more
25/11/27 08:12:50 WARN Executor: Issue communicating with driver in heartbeater
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at
org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.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(Bloc
```

```
kManagerMaster.scala:80)
        at
org.apache.spark.storage.BlockManager.reregister(BlockManager.scala:642)
        at
org.apache.spark.executor.Executor.reportHeartBeat(Executor.scala:1223)
        at
org.apache.spark.executor.Executor.$anonfun$heartbeater$1(Executor.scala:295)
        at
scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
        at org.apache.spark.util.Utils$.logUncaughtExceptions(Utils.scala:1928)
        at org.apache.spark.Heartbeater$$anon$1.run(Heartbeater.scala:46)
        at java.base/java.util.concurrent.Executors$RunnableAdapter.call(Executo
rs.java:515)
        at
java.base/java.util.concurrent.FutureTask.runAndReset(FutureTask.java:305)
        at java.base/java.util.concurrent.ScheduledThreadPoolExecutor$ScheduledF
utureTask.run(ScheduledThreadPoolExecutor.java:305)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoo
lExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPo
olExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.SparkException: Exception thrown in awaitResult:
        at
org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
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        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$lz
ycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpoint.sc
ala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$l
zycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$1
(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.scala:72
5)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receiveA
ndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$Mes
```

```
sageLoop$$receiveLoop(MessageLoop.scala:75)
        at
org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.scala:41)
        … 3 more
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find
endpoint: spark://CoarseGrainedScheduler@192.168.1.62:64070
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at
scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.scala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(Promise.scala:288)
        at
scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at
scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(Promise.scala:288)
        at
scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at
scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala: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$1(BatchingExecut
or.scala:67)
        at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingExecut
or.scala:82)
        at
scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
        at
scala.concurrent.BlockContext$.withBlockContext(BlockContext.scala:85)
        at
scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scala:59)
        at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecute(Fu
ture.scala:875)
        at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:110)
        at
scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scala:107)
        at
scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.scala:873)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(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.scala:187)
        at
org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.scala:225)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(NettyR
pcEnv.scala:239)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$adapte
d(NettyRpcEnv.scala:238)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(Promise.scala:288)
```

```
        at
scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at
scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.Promise.success(Promise.scala:86)
        at scala.concurrent.Promise.success$(Promise.scala:86)
        at
scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scala:187)
        at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpcCall
Context.scala:50)
        at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCallCont
ext.scala:32)
        at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAndRep
ly$1.applyOrElse(RpcEndpointVerifier.scala:31)
        … 8 more
25/11/27 08:13:00 ERROR Inbox: Ignoring error
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at
org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$lz
ycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpoint.sc
ala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$l
zycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$1
(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.scala:72
5)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receiveA
ndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$Mes
sageLoop$$receiveLoop(MessageLoop.scala:75)
        at
org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.scala:41)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoo
```

```
lExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPo
olExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find
endpoint: spark://CoarseGrainedScheduler@192.168.1.62:64070
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at
scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.scala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
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dapted(Promise.scala:288)
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        at
scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
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        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
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romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(Promise.scala:288)
        at
scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at
scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala: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$1(BatchingExecut
or.scala:67)
        at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingExecut
or.scala:82)
        at
scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
        at
scala.concurrent.BlockContext$.withBlockContext(BlockContext.scala:85)
        at
scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scala:59)
        at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecute(Fu
ture.scala:875)
        at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:110)
        at
scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scala:107)
        at
scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.scala:873)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(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.scala:187)
        at
org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.scala:225)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(NettyR
pcEnv.scala:239)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$adapte
d(NettyRpcEnv.scala:238)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(Promise.scala:288)
```

```
        at
scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at
scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.Promise.success(Promise.scala:86)
        at scala.concurrent.Promise.success$(Promise.scala:86)
        at
scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scala:187)
        at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpcCall
Context.scala:50)
        at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCallCont
ext.scala:32)
        at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAndRep
ly$1.applyOrElse(RpcEndpointVerifier.scala:31)
        … 8 more
25/11/27 08:13:00 WARN Executor: Issue communicating with driver in heartbeater
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at
org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:101)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:85)
        at org.apache.spark.storage.BlockManagerMaster.registerBlockManager(Bloc
kManagerMaster.scala:80)
        at
org.apache.spark.storage.BlockManager.reregister(BlockManager.scala:642)
        at
org.apache.spark.executor.Executor.reportHeartBeat(Executor.scala:1223)
        at
org.apache.spark.executor.Executor.$anonfun$heartbeater$1(Executor.scala:295)
        at
scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
        at org.apache.spark.util.Utils$.logUncaughtExceptions(Utils.scala:1928)
        at org.apache.spark.Heartbeater$$anon$1.run(Heartbeater.scala:46)
        at java.base/java.util.concurrent.Executors$RunnableAdapter.call(Executo
rs.java:515)
        at
java.base/java.util.concurrent.FutureTask.runAndReset(FutureTask.java:305)
        at java.base/java.util.concurrent.ScheduledThreadPoolExecutor$ScheduledF
utureTask.run(ScheduledThreadPoolExecutor.java:305)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoo
lExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPo
olExecutor.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$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$lz
ycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpoint.sc
ala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$l
zycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$1
(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.scala:72
5)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receiveA
ndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$Mes
sageLoop$$receiveLoop(MessageLoop.scala:75)
        at
org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.scala:41)
        … 3 more
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find
endpoint: spark://CoarseGrainedScheduler@192.168.1.62:64070
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at
scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.scala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
```

```
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(Promise.scala:288)
        at
scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at
scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(Promise.scala:288)
        at
scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at
scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingExecut
or.scala:67)
        at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingExecut
or.scala:82)
        at
scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
        at
scala.concurrent.BlockContext$.withBlockContext(BlockContext.scala:85)
        at
scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scala:59)
        at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecute(Fu
ture.scala:875)
        at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:110)
        at
scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scala:107)
        at
scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.scala:873)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
```

```
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(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.scala:187)
        at
org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.scala:225)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(NettyR
pcEnv.scala:239)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$adapte
d(NettyRpcEnv.scala:238)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(Promise.scala:288)
        at
scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at
scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.Promise.success(Promise.scala:86)
        at scala.concurrent.Promise.success$(Promise.scala:86)
        at
scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scala:187)
        at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpcCall
Context.scala:50)
        at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCallCont
ext.scala:32)
        at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAndRep
ly$1.applyOrElse(RpcEndpointVerifier.scala:31)
        … 8 more
25/11/27 08:13:10 ERROR Inbox: Ignoring error
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at
org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.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:102)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$lz
ycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpoint.sc
ala:123)
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zycompute$1(BlockManagerMasterEndpoint.scala:688)
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storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.scala:72
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ndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
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        at
org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.scala:41)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoo
lExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPo
olExecutor.java:628)
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Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find
endpoint: spark://CoarseGrainedScheduler@192.168.1.62:64070
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at
scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.scala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
```

```
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(Promise.scala:288)
        at
scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at
scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(Promise.scala:288)
        at
scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at
scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingExecut
or.scala:67)
        at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingExecut
or.scala:82)
        at
scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
        at
scala.concurrent.BlockContext$.withBlockContext(BlockContext.scala:85)
        at
scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scala:59)
        at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecute(Fu
ture.scala:875)
        at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:110)
        at
scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scala:107)
        at
scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.scala:873)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
```

romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(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.scala:187)
        at
org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.scala:225)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(NettyR
pcEnv.scala:239)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable5adapte
d(NettyRpcEnv.scala:238)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(Promise.scala:288)
        at
scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at
scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.Promise.success(Promise.scala:86)
        at scala.concurrent.Promise.success$(Promise.scala:86)
        at
scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scala:187)
        at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpcCall
Context.scala:50)
        at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCallCont
ext.scala:32)
        at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAndRep
ly$1.applyOrElse(RpcEndpointVerifier.scala:31)
        … 8 more
25/11/27 08:13:10 WARN Executor: Issue communicating with driver in heartbeater
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at
org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.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(Bloc
kManagerMaster.scala:80)
        at
org.apache.spark.storage.BlockManager.reregister(BlockManager.scala:642)
        at
org.apache.spark.executor.Executor.reportHeartBeat(Executor.scala:1223)
        at
org.apache.spark.executor.Executor.$anonfun$heartbeater$1(Executor.scala:295)
        at
scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
        at org.apache.spark.util.Utils$.logUncaughtExceptions(Utils.scala:1928)
        at org.apache.spark.Heartbeater$$anon$1.run(Heartbeater.scala:46)
        at java.base/java.util.concurrent.Executors$RunnableAdapter.call(Executo
rs.java:515)
        at
java.base/java.util.concurrent.FutureTask.runAndReset(FutureTask.java:305)
        at java.base/java.util.concurrent.ScheduledThreadPoolExecutor$ScheduledF
utureTask.run(ScheduledThreadPoolExecutor.java:305)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoo
lExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPo
olExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.SparkException: Exception thrown in awaitResult:
        at
org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$lz
ycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpoint.sc
ala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$l
zycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$1
(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.scala:72
5)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receiveA
ndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
```

```
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$Mes
sageLoop$$receiveLoop(MessageLoop.scala:75)
        at
org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.scala:41)
        … 3 more
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find
endpoint: spark://CoarseGrainedScheduler@192.168.1.62:64070
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at
scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.scala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(Promise.scala:288)
        at
scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at
scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(Promise.scala:288)
        at
scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
```

```
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at
scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala: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$1(BatchingExecut
or.scala:67)
        at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingExecut
or.scala:82)
        at
scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
        at
scala.concurrent.BlockContext$.withBlockContext(BlockContext.scala:85)
        at
scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scala:59)
        at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecute(Fu
ture.scala:875)
        at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:110)
        at
scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scala:107)
        at
scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.scala:873)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(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.scala:187)
        at
org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.scala:225)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(NettyR
pcEnv.scala:239)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$adapte
d(NettyRpcEnv.scala:238)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
```

```
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(Promise.scala:288)
        at
scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at
scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.Promise.success(Promise.scala:86)
        at scala.concurrent.Promise.success$(Promise.scala:86)
        at
scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scala:187)
        at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpcCall
Context.scala:50)
        at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCallCont
ext.scala:32)
        at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAndRep
ly$1.applyOrElse(RpcEndpointVerifier.scala:31)
        … 8 more
25/11/27 08:13:20 ERROR Inbox: Ignoring error
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at
org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$lz
ycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpoint.sc
ala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$l
zycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$1
(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.scala:72
5)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receiveA
ndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$Mes
```

```
sageLoop$$receiveLoop(MessageLoop.scala:75)
        at
org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.scala:41)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoo
lExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPo
olExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find
endpoint: spark://CoarseGrainedScheduler@192.168.1.62:64070
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at
scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.scala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.dispatchOrAddCallback(Pr
omise.scala:316)
        at
scala.concurrent.impl.Promise$DefaultPromise.onComplete(Promise.scala:307)
        at scala.concurrent.impl.Promise.transformWith(Promise.scala:40)
        at scala.concurrent.impl.Promise.transformWith$(Promise.scala:38)
        at
scala.concurrent.impl.Promise$DefaultPromise.transformWith(Promise.scala:187)
        at scala.concurrent.Future.flatMap(Future.scala:306)
        at scala.concurrent.Future.flatMap$(Future.scala:306)
        at
scala.concurrent.impl.Promise$DefaultPromise.flatMap(Promise.scala:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.asyncSetupEndpointRefByURI(Net
tyRpcEnv.scala:150)
        … 17 more
25/11/27 08:13:20 WARN Executor: Issue communicating with driver in heartbeater
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at
org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.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(Bloc
```

kManagerMaster.scala:80)
        at
org.apache.spark.storage.BlockManager.reregister(BlockManager.scala:642)
        at
org.apache.spark.executor.Executor.reportHeartBeat(Executor.scala:1223)
        at
org.apache.spark.executor.Executor.$anonfun$heartbeater$1(Executor.scala:295)
        at
scala.runtime.java8.JFunction0mcVsp.apply(JFunction0mcVsp.java:23)
        at org.apache.spark.util.Utils$.logUncaughtExceptions(Utils.scala:1928)
        at org.apache.spark.Heartbeater$$anon$1.run(Heartbeater.scala:46)
        at java.base/java.util.concurrent.Executors$RunnableAdapter.call(Executo
rs.java:515)
        at
java.base/java.util.concurrent.FutureTask.runAndReset(FutureTask.java:305)
        at java.base/java.util.concurrent.ScheduledThreadPoolExecutor$ScheduledF
utureTask.run(ScheduledThreadPoolExecutor.java:305)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoo
lExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPo
olExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.SparkException: Exception thrown in awaitResult:
        at
org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$lz
ycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpoint.sc
ala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$l
zycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$1
(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.scala:72
5)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receiveA
ndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$sparkrpcnetty$Mes

```
sageLoop$$receiveLoop(MessageLoop.scala:75)
        at
org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.scala:41)
        … 3 more
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find
endpoint: spark://CoarseGrainedScheduler@192.168.1.62:64070
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at
scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.scala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.dispatchOrAddCallback(Pr
omise.scala:316)
        at
scala.concurrent.impl.Promise$DefaultPromise.onComplete(Promise.scala:307)
        at scala.concurrent.impl.Promise.transformWith(Promise.scala:40)
        at scala.concurrent.impl.Promise.transformWith$(Promise.scala:38)
        at
scala.concurrent.impl.Promise$DefaultPromise.transformWith(Promise.scala:187)
        at scala.concurrent.Future.flatMap(Future.scala:306)
        at scala.concurrent.Future.flatMap$(Future.scala:306)
        at
scala.concurrent.impl.Promise$DefaultPromise.flatMap(Promise.scala:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.asyncSetupEndpointRefByURI(Net
tyRpcEnv.scala:150)
        … 17 more
25/11/27 08:13:30 WARN Executor: Issue communicating with driver in heartbeater
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at
org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.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(Bloc
kManagerMaster.scala:80)
        at
org.apache.spark.storage.BlockManager.reregister(BlockManager.scala:642)
        at
```

```
org.apache.spark.executor.Executor.reportHeartBeat(Executor.scala:1223)
        at
org.apache.spark.executor.Executor.$anonfun$heartbeater$1(Executor.scala:295)
        at
scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
        at org.apache.spark.util.Utils$.logUncaughtExceptions(Utils.scala:1928)
        at org.apache.spark.Heartbeater$$anon$1.run(Heartbeater.scala:46)
        at java.base/java.util.concurrent.Executors$RunnableAdapter.call(Executo
rs.java:515)
        at
java.base/java.util.concurrent.FutureTask.runAndReset(FutureTask.java:305)
        at java.base/java.util.concurrent.ScheduledThreadPoolExecutor$ScheduledF
utureTask.run(ScheduledThreadPoolExecutor.java:305)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoo
lExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPo
olExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.SparkException: Exception thrown in awaitResult:
        at
org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$lz
ycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpoint.sc
ala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$l
zycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$1
(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.scala:72
5)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receiveA
ndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$Mes
sageLoop$$receiveLoop(MessageLoop.scala:75)
        at
org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.scala:41)
        … 3 more
```

```
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find
endpoint: spark://CoarseGrainedScheduler@192.168.1.62:64070
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at
scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.scala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(Promise.scala:288)
        at
scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at
scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(Promise.scala:288)
        at
scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at
scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingExecut
or.scala:67)
```

```
        at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingExecut
or.scala:82)
        at
scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
        at
scala.concurrent.BlockContext$.withBlockContext(BlockContext.scala:85)
        at
scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scala:59)
        at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecute(Fu
ture.scala:875)
        at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:110)
        at
scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scala:107)
        at
scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.scala:873)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(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.scala:187)
        at
org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.scala:225)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(NettyR
pcEnv.scala:239)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$adapte
d(NettyRpcEnv.scala:238)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(Promise.scala:288)
        at
scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
```

```
        at
scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.Promise.success(Promise.scala:86)
        at scala.concurrent.Promise.success$(Promise.scala:86)
        at
scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scala:187)
        at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpcCall
Context.scala:50)
        at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCallCont
ext.scala:32)
        at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAndRep
ly$1.applyOrElse(RpcEndpointVerifier.scala:31)
        … 8 more
25/11/27 08:13:30 ERROR Inbox: Ignoring error
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at
org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$lz
ycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpoint.sc
ala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$l
zycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$1
(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.scala:72
5)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receiveA
ndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$Mes
sageLoop$$receiveLoop(MessageLoop.scala:75)
        at
org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.scala:41)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoo
lExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPo
olExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
```

```
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find
endpoint: spark://CoarseGrainedScheduler@192.168.1.62:64070
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at
scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.scala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(Promise.scala:288)
        at
scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at
scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(Promise.scala:288)
        at
scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at
scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingExecut
or.scala:67)
```

```
        at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingExecut
or.scala:82)
        at
scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
        at
scala.concurrent.BlockContext$.withBlockContext(BlockContext.scala:85)
        at
scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scala:59)
        at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecute(Fu
ture.scala:875)
        at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:110)
        at
scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scala:107)
        at
scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.scala:873)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(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.scala:187)
        at
org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.scala:225)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(NettyR
pcEnv.scala:239)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$adapte
d(NettyRpcEnv.scala:238)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(Promise.scala:288)
        at
scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
```

```
        at
scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.Promise.success(Promise.scala:86)
        at scala.concurrent.Promise.success$(Promise.scala:86)
        at
scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scala:187)
        at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpcCall
Context.scala:50)
        at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCallCont
ext.scala:32)
        at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAndRep
ly$1.applyOrElse(RpcEndpointVerifier.scala:31)
        … 8 more
25/11/27 08:13:40 WARN Executor: Issue communicating with driver in heartbeater
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at
org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:101)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:85)
        at org.apache.spark.storage.BlockManagerMaster.registerBlockManager(Bloc
kManagerMaster.scala:80)
        at
org.apache.spark.storage.BlockManager.reregister(BlockManager.scala:642)
        at
org.apache.spark.executor.Executor.reportHeartBeat(Executor.scala:1223)
        at
org.apache.spark.executor.Executor.$anonfun$heartbeater$1(Executor.scala:295)
        at
scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
        at org.apache.spark.util.Utils$.logUncaughtExceptions(Utils.scala:1928)
        at org.apache.spark.Heartbeater$$anon$1.run(Heartbeater.scala:46)
        at java.base/java.util.concurrent.Executors$RunnableAdapter.call(Executo
rs.java:515)
        at
java.base/java.util.concurrent.FutureTask.runAndReset(FutureTask.java:305)
        at java.base/java.util.concurrent.ScheduledThreadPoolExecutor$ScheduledF
utureTask.run(ScheduledThreadPoolExecutor.java:305)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoo
lExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPo
olExecutor.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$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
```

```
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$lz
ycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpoint.sc
ala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$l
zycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$1
(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.scala:72
5)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receiveA
ndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$Mes
sageLoop$$receiveLoop(MessageLoop.scala:75)
        at
org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.scala:41)
        … 3 more
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find
endpoint: spark://CoarseGrainedScheduler@192.168.1.62:64070
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at
scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.scala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.dispatchOrAddCallback(Pr
omise.scala:316)
        at
scala.concurrent.impl.Promise$DefaultPromise.onComplete(Promise.scala:307)
        at scala.concurrent.impl.Promise.transformWith(Promise.scala:40)
        at scala.concurrent.impl.Promise.transformWith$(Promise.scala:38)
```

```
        at
scala.concurrent.impl.Promise$DefaultPromise.transformWith(Promise.scala:187)
        at scala.concurrent.Future.flatMap(Future.scala:306)
        at scala.concurrent.Future.flatMap$(Future.scala:306)
        at
scala.concurrent.impl.Promise$DefaultPromise.flatMap(Promise.scala:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.asyncSetupEndpointRefByURI(Net
tyRpcEnv.scala:150)
        … 17 more
25/11/27 08:13:40 ERROR Inbox: Ignoring error
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at
org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$lz
ycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpoint.sc
ala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$l
zycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$1
(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.scala:72
5)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receiveA
ndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$Mes
sageLoop$$receiveLoop(MessageLoop.scala:75)
        at
org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.scala:41)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoo
lExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPo
olExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find
endpoint: spark://CoarseGrainedScheduler@192.168.1.62:64070
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1(NettyRpcEnv.scala:148)
```

```
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at
scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.scala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.dispatchOrAddCallback(Pr
omise.scala:316)
        at
scala.concurrent.impl.Promise$DefaultPromise.onComplete(Promise.scala:307)
        at scala.concurrent.impl.Promise.transformWith(Promise.scala:40)
        at scala.concurrent.impl.Promise.transformWith$(Promise.scala:38)
        at
scala.concurrent.impl.Promise$DefaultPromise.transformWith(Promise.scala:187)
        at scala.concurrent.Future.flatMap(Future.scala:306)
        at scala.concurrent.Future.flatMap$(Future.scala:306)
        at
scala.concurrent.impl.Promise$DefaultPromise.flatMap(Promise.scala:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.asyncSetupEndpointRefByURI(Net
tyRpcEnv.scala:150)
        … 17 more
25/11/27 08:13:50 ERROR Inbox: Ignoring error
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at
org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$lz
ycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpoint.sc
ala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$l
zycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$1
(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.scala:72
5)
```

```
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receiveA
ndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$Mes
sageLoop$$receiveLoop(MessageLoop.scala:75)
        at
org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.scala:41)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoo
lExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPo
olExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find
endpoint: spark://CoarseGrainedScheduler@192.168.1.62:64070
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at
scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.scala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(Promise.scala:288)
        at
scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at
scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
```

```
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(Promise.scala:288)
        at
scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at
scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingExecut
or.scala:67)
        at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingExecut
or.scala:82)
        at
scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
        at
scala.concurrent.BlockContext$.withBlockContext(BlockContext.scala:85)
        at
scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scala:59)
        at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecute(Fu
ture.scala:875)
        at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:110)
        at
scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scala:107)
        at
scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.scala:873)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(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.scala:187)
        at
org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.scala:225)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(NettyR
pcEnv.scala:239)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$adapte
d(NettyRpcEnv.scala:238)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
```

```
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(Promise.scala:288)
        at
scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at
scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.Promise.success(Promise.scala:86)
        at scala.concurrent.Promise.success$(Promise.scala:86)
        at
scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scala:187)
        at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpcCall
Context.scala:50)
        at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCallCont
ext.scala:32)
        at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAndRep
ly$1.applyOrElse(RpcEndpointVerifier.scala:31)
        … 8 more
25/11/27 08:13:50 WARN Executor: Issue communicating with driver in heartbeater
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at
org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:101)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:85)
        at org.apache.spark.storage.BlockManagerMaster.registerBlockManager(Bloc
kManagerMaster.scala:80)
        at
org.apache.spark.storage.BlockManager.reregister(BlockManager.scala:642)
        at
org.apache.spark.executor.Executor.reportHeartBeat(Executor.scala:1223)
        at
org.apache.spark.executor.Executor.$anonfun$heartbeater$1(Executor.scala:295)
        at
scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
        at org.apache.spark.util.Utils$.logUncaughtExceptions(Utils.scala:1928)
        at org.apache.spark.Heartbeater$$anon$1.run(Heartbeater.scala:46)
        at java.base/java.util.concurrent.Executors$RunnableAdapter.call(Executo
```

```
rs.java:515)
        at
java.base/java.util.concurrent.FutureTask.runAndReset(FutureTask.java:305)
        at java.base/java.util.concurrent.ScheduledThreadPoolExecutor$ScheduledF
utureTask.run(ScheduledThreadPoolExecutor.java:305)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoo
lExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPo
olExecutor.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$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$lz
ycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpoint.sc
ala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$l
zycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$1
(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.scala:72
5)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receiveA
ndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$Mes
sageLoop$$receiveLoop(MessageLoop.scala:75)
        at
org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.scala:41)
        … 3 more
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find
endpoint: spark://CoarseGrainedScheduler@192.168.1.62:64070
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at
```

```
scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.scala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(Promise.scala:288)
        at
scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at
scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(Promise.scala:288)
        at
scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at
scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingExecut
or.scala:67)
        at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingExecut
or.scala:82)
        at
scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
        at
scala.concurrent.BlockContext$.withBlockContext(BlockContext.scala:85)
        at
scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scala:59)
```

```
        at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecute(Fu
ture.scala:875)
        at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:110)
        at
scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scala:107)
        at
scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.scala:873)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(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.scala:187)
        at
org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.scala:225)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(NettyR
pcEnv.scala:239)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$adapte
d(NettyRpcEnv.scala:238)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(Promise.scala:288)
        at
scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at
scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.Promise.success(Promise.scala:86)
        at scala.concurrent.Promise.success$(Promise.scala:86)
        at
scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scala:187)
        at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpcCall
Context.scala:50)
```

```
        at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCont
ext.scala:32)
        at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAndRep
ly$1.applyOrElse(RpcEndpointVerifier.scala:31)
        … 8 more
25/11/27 08:14:00 ERROR Inbox: Ignoring error
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at
org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$lz
ycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpoint.sc
ala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$l
zycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$1
(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.scala:72
5)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receiveA
ndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$Mes
sageLoop$$receiveLoop(MessageLoop.scala:75)
        at
org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.scala:41)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoo
lExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPo
olExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find
endpoint: spark://CoarseGrainedScheduler@192.168.1.62:64070
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at
```

```
scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.scala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(Promise.scala:288)
        at
scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at
scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
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        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(Promise.scala:288)
        at
scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at
scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingExecut
or.scala:67)
        at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingExecut
or.scala:82)
        at
scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
        at
scala.concurrent.BlockContext$.withBlockContext(BlockContext.scala:85)
        at
scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scala:59)
```

```
at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecute(Fu
ture.scala:875)
        at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:110)
        at
scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scala:107)
        at
scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.scala:873)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(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)
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scala.concurrent.impl.Promise$DefaultPromise.trySuccess(Promise.scala:187)
        at
org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.scala:225)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(NettyR
pcEnv.scala:239)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$adapte
d(NettyRpcEnv.scala:238)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(Promise.scala:288)
        at
scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at
scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.Promise.success(Promise.scala:86)
        at scala.concurrent.Promise.success$(Promise.scala:86)
        at
scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scala:187)
        at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpcCall
Context.scala:50)
```

```
        at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCallCont
ext.scala:32)
        at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAndRep
ly$1.applyOrElse(RpcEndpointVerifier.scala:31)
        … 8 more
25/11/27 08:14:00 WARN Executor: Issue communicating with driver in heartbeater
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at
org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:101)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:85)
        at org.apache.spark.storage.BlockManagerMaster.registerBlockManager(Bloc
kManagerMaster.scala:80)
        at
org.apache.spark.storage.BlockManager.reregister(BlockManager.scala:642)
        at
org.apache.spark.executor.Executor.reportHeartBeat(Executor.scala:1223)
        at
org.apache.spark.executor.Executor.$anonfun$heartbeater$1(Executor.scala:295)
        at
scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
        at org.apache.spark.util.Utils$.logUncaughtExceptions(Utils.scala:1928)
        at org.apache.spark.Heartbeater$$anon$1.run(Heartbeater.scala:46)
        at java.base/java.util.concurrent.Executors$RunnableAdapter.call(Executo
rs.java:515)
        at
java.base/java.util.concurrent.FutureTask.runAndReset(FutureTask.java:305)
        at java.base/java.util.concurrent.ScheduledThreadPoolExecutor$ScheduledF
utureTask.run(ScheduledThreadPoolExecutor.java:305)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoo
lExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPo
olExecutor.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$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$lz
ycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpoint.sc
```

```
ala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$l
zycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$1
(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.scala:72
5)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receiveA
ndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$Mes
sageLoop$$receiveLoop(MessageLoop.scala:75)
        at
org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.scala:41)
        … 3 more
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find
endpoint: spark://CoarseGrainedScheduler@192.168.1.62:64070
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at
scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.scala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(Promise.scala:288)
        at
scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at
scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.impl.Promise.$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.scala:99)
```

```
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(Promise.scala:288)
        at
scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at
scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingExecut
or.scala:67)
        at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingExecut
or.scala:82)
        at
scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
        at
scala.concurrent.BlockContext$.withBlockContext(BlockContext.scala:85)
        at
scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scala:59)
        at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecute(Fu
ture.scala:875)
        at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:110)
        at
scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scala:107)
        at
scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.scala:873)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(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.scala:187)
        at
org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.scala:225)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(NettyR
```

```
pcEnv.scala:239)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$adapte
d(NettyRpcEnv.scala:238)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(Promise.scala:288)
        at
scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at
scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.Promise.success(Promise.scala:86)
        at scala.concurrent.Promise.success$(Promise.scala:86)
        at
scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scala:187)
        at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpcCall
Context.scala:50)
        at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCallCont
ext.scala:32)
        at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAndRep
ly$1.applyOrElse(RpcEndpointVerifier.scala:31)
        … 8 more
25/11/27 08:14:10 ERROR Inbox: Ignoring error
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at
org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$lz
ycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpoint.sc
ala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$l
zycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$1
```

```
(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.scala:72
5)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receiveA
ndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$Mes
sageLoop$$receiveLoop(MessageLoop.scala:75)
        at
org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.scala:41)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoo
lExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPo
olExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find
endpoint: spark://CoarseGrainedScheduler@192.168.1.62:64070
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at
scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.scala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(Promise.scala:288)
        at
scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at
scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.impl.Promise.$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.scala:99)
```

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        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(Promise.scala:288)
        at
scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at
scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingExecut
or.scala:67)
        at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingExecut
or.scala:82)
        at
scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
        at
scala.concurrent.BlockContext$.withBlockContext(BlockContext.scala:85)
        at
scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scala:59)
        at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecute(Fu
ture.scala:875)
        at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:110)
        at
scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scala:107)
        at
scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.scala:873)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(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.scala:187)
        at
org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.scala:225)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(NettyR
```

```
pcEnv.scala:239)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$adapte
d(NettyRpcEnv.scala:238)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(Promise.scala:288)
        at
scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at
scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.Promise.success(Promise.scala:86)
        at scala.concurrent.Promise.success$(Promise.scala:86)
        at
scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scala:187)
        at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpcCall
Context.scala:50)
        at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCallCont
ext.scala:32)
        at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAndRep
ly$1.applyOrElse(RpcEndpointVerifier.scala:31)
        … 8 more
25/11/27 08:14:10 WARN Executor: Issue communicating with driver in heartbeater
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at
org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:101)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:85)
        at org.apache.spark.storage.BlockManagerMaster.registerBlockManager(Bloc
kManagerMaster.scala:80)
        at
org.apache.spark.storage.BlockManager.reregister(BlockManager.scala:642)
        at
org.apache.spark.executor.Executor.reportHeartBeat(Executor.scala:1223)
        at
org.apache.spark.executor.Executor.$anonfun$heartbeater$1(Executor.scala:295)
        at
```

```
scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
        at org.apache.spark.util.Utils$.logUncaughtExceptions(Utils.scala:1928)
        at org.apache.spark.Heartbeater$$anon$1.run(Heartbeater.scala:46)
        at java.base/java.util.concurrent.Executors$RunnableAdapter.call(Executo
rs.java:515)
        at
java.base/java.util.concurrent.FutureTask.runAndReset(FutureTask.java:305)
        at java.base/java.util.concurrent.ScheduledThreadPoolExecutor$ScheduledF
utureTask.run(ScheduledThreadPoolExecutor.java:305)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoo
lExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPo
olExecutor.java:628)
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Caused by: org.apache.spark.SparkException: Exception thrown in awaitResult:
        at
org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
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        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$lz
ycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpoint.sc
ala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$l
zycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$1
(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.scala:72
5)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receiveA
ndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
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        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$Mes
sageLoop$$receiveLoop(MessageLoop.scala:75)
        at
org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.scala:41)
        … 3 more
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find
endpoint: spark://CoarseGrainedScheduler@192.168.1.62:64070
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1(NettyRpcEnv.scala:148)
```

```
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at
scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.scala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(Promise.scala:288)
        at
scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at
scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(Promise.scala:288)
        at
scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at
scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingExecut
or.scala:67)
        at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingExecut
or.scala:82)
        at
scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
```

```
        at
scala.concurrent.BlockContext$.withBlockContext(BlockContext.scala:85)
        at
scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scala:59)
        at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecute(Fu
ture.scala:875)
        at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:110)
        at
scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scala:107)
        at
scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.scala:873)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(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.scala:187)
        at
org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.scala:225)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(NettyR
pcEnv.scala:239)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$adapte
d(NettyRpcEnv.scala:238)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(Promise.scala:288)
        at
scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at
scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.Promise.success(Promise.scala:86)
        at scala.concurrent.Promise.success$(Promise.scala:86)
```

```
        at
scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scala:187)
        at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpcCall
Context.scala:50)
        at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCallCont
ext.scala:32)
        at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAndRep
ly$1.applyOrElse(RpcEndpointVerifier.scala:31)
        … 8 more
25/11/27 08:14:21 WARN Executor: Issue communicating with driver in heartbeater
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at
org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:101)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:85)
        at org.apache.spark.storage.BlockManagerMaster.registerBlockManager(Bloc
kManagerMaster.scala:80)
        at
org.apache.spark.storage.BlockManager.reregister(BlockManager.scala:642)
        at
org.apache.spark.executor.Executor.reportHeartBeat(Executor.scala:1223)
        at
org.apache.spark.executor.Executor.$anonfun$heartbeater$1(Executor.scala:295)
        at
scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
        at org.apache.spark.util.Utils$.logUncaughtExceptions(Utils.scala:1928)
        at org.apache.spark.Heartbeater$$anon$1.run(Heartbeater.scala:46)
        at java.base/java.util.concurrent.Executors$RunnableAdapter.call(Executo
rs.java:515)
        at
java.base/java.util.concurrent.FutureTask.runAndReset(FutureTask.java:305)
        at java.base/java.util.concurrent.ScheduledThreadPoolExecutor$ScheduledF
utureTask.run(ScheduledThreadPoolExecutor.java:305)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoo
lExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPo
olExecutor.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$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
        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.driverEndpoint$lz
ycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpoint.sc
ala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$l
zycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$1
(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.scala:72
5)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receiveA
ndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$Mes
sageLoop$$receiveLoop(MessageLoop.scala:75)
        at
org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.scala:41)
        … 3 more
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find
endpoint: spark://CoarseGrainedScheduler@192.168.1.62:64070
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at
scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.scala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.dispatchOrAddCallback(Pr
omise.scala:316)
        at
scala.concurrent.impl.Promise$DefaultPromise.onComplete(Promise.scala:307)
        at scala.concurrent.impl.Promise.transformWith(Promise.scala:40)
        at scala.concurrent.impl.Promise.transformWith$(Promise.scala:38)
        at
scala.concurrent.impl.Promise$DefaultPromise.transformWith(Promise.scala:187)
        at scala.concurrent.Future.flatMap(Future.scala:306)
        at scala.concurrent.Future.flatMap$(Future.scala:306)
```

```
        at
scala.concurrent.impl.Promise$DefaultPromise.flatMap(Promise.scala:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.asyncSetupEndpointRefByURI(Net
tyRpcEnv.scala:150)
        … 17 more
25/11/27 08:14:21 ERROR Inbox: Ignoring error
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at
org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$lz
ycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpoint.sc
ala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$l
zycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$1
(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.scala:72
5)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receiveA
ndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$Mes
sageLoop$$receiveLoop(MessageLoop.scala:75)
        at
org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.scala:41)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoo
lExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPo
olExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find
endpoint: spark://CoarseGrainedScheduler@192.168.1.62:64070
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at
```

```
scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.scala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.dispatchOrAddCallback(Pr
omise.scala:316)
        at
scala.concurrent.impl.Promise$DefaultPromise.onComplete(Promise.scala:307)
        at scala.concurrent.impl.Promise.transformWith(Promise.scala:40)
        at scala.concurrent.impl.Promise.transformWith$(Promise.scala:38)
        at
scala.concurrent.impl.Promise$DefaultPromise.transformWith(Promise.scala:187)
        at scala.concurrent.Future.flatMap(Future.scala:306)
        at scala.concurrent.Future.flatMap$(Future.scala:306)
        at
scala.concurrent.impl.Promise$DefaultPromise.flatMap(Promise.scala:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.asyncSetupEndpointRefByURI(Net
tyRpcEnv.scala:150)
        … 17 more
25/11/27 08:14:30 ERROR Inbox: Ignoring error
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at
org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$lz
ycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpoint.sc
ala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$l
zycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$1
(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.scala:72
5)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receiveA
ndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
        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$Mes
sageLoop$$receiveLoop(MessageLoop.scala:75)
        at
org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.scala:41)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoo
lExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPo
olExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find
endpoint: spark://CoarseGrainedScheduler@192.168.1.62:64070
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at
scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.scala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.dispatchOrAddCallback(Pr
omise.scala:316)
        at
scala.concurrent.impl.Promise$DefaultPromise.onComplete(Promise.scala:307)
        at scala.concurrent.impl.Promise.transformWith(Promise.scala:40)
        at scala.concurrent.impl.Promise.transformWith$(Promise.scala:38)
        at
scala.concurrent.impl.Promise$DefaultPromise.transformWith(Promise.scala:187)
        at scala.concurrent.Future.flatMap(Future.scala:306)
        at scala.concurrent.Future.flatMap$(Future.scala:306)
        at
scala.concurrent.impl.Promise$DefaultPromise.flatMap(Promise.scala:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.asyncSetupEndpointRefByURI(Net
tyRpcEnv.scala:150)
        … 17 more
25/11/27 08:14:30 WARN Executor: Issue communicating with driver in heartbeater
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at
org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.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(Bloc
kManagerMaster.scala:80)
        at
org.apache.spark.storage.BlockManager.reregister(BlockManager.scala:642)
        at
org.apache.spark.executor.Executor.reportHeartBeat(Executor.scala:1223)
        at
org.apache.spark.executor.Executor.$anonfun$heartbeater$1(Executor.scala:295)
        at
scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
        at org.apache.spark.util.Utils$.logUncaughtExceptions(Utils.scala:1928)
        at org.apache.spark.Heartbeater$$anon$1.run(Heartbeater.scala:46)
        at java.base/java.util.concurrent.Executors$RunnableAdapter.call(Executo
rs.java:515)
        at
java.base/java.util.concurrent.FutureTask.runAndReset(FutureTask.java:305)
        at java.base/java.util.concurrent.ScheduledThreadPoolExecutor$ScheduledF
utureTask.run(ScheduledThreadPoolExecutor.java:305)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoo
lExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPo
olExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.SparkException: Exception thrown in awaitResult:
        at
org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$lz
ycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpoint.sc
ala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$l
zycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$1
(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.scala:72
5)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receiveA
ndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
        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$Mes
sageLoop$$receiveLoop(MessageLoop.scala:75)
        at
org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.scala:41)
        … 3 more
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find
endpoint: spark://CoarseGrainedScheduler@192.168.1.62:64070
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at
scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.scala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.dispatchOrAddCallback(Pr
omise.scala:316)
        at
scala.concurrent.impl.Promise$DefaultPromise.onComplete(Promise.scala:307)
        at scala.concurrent.impl.Promise.transformWith(Promise.scala:40)
        at scala.concurrent.impl.Promise.transformWith$(Promise.scala:38)
        at
scala.concurrent.impl.Promise$DefaultPromise.transformWith(Promise.scala:187)
        at scala.concurrent.Future.flatMap(Future.scala:306)
        at scala.concurrent.Future.flatMap$(Future.scala:306)
        at
scala.concurrent.impl.Promise$DefaultPromise.flatMap(Promise.scala:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.asyncSetupEndpointRefByURI(Net
tyRpcEnv.scala:150)
        … 17 more
25/11/27 08:14:40 ERROR Inbox: Ignoring error
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at
org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$lz
ycompute(BlockManagerMasterEndpoint.scala:124)
```

```
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpoint.sc
ala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$l
zycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$1
(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.scala:72
5)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receiveA
ndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$Mes
sageLoop$$receiveLoop(MessageLoop.scala:75)
        at
org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.scala:41)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoo
lExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPo
olExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find
endpoint: spark://CoarseGrainedScheduler@192.168.1.62:64070
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at
scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.scala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(Promise.scala:288)
        at
scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
```

```
        at
scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(Promise.scala:288)
        at
scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at
scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingExecut
or.scala:67)
        at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingExecut
or.scala:82)
        at
scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
        at
scala.concurrent.BlockContext$.withBlockContext(BlockContext.scala:85)
        at
scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scala:59)
        at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecute(Fu
ture.scala:875)
        at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:110)
        at
scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scala:107)
        at
scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.scala:873)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(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.scala:187)
        at
org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.scala:225)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(NettyR
pcEnv.scala:239)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$adapte
d(NettyRpcEnv.scala:238)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
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        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(Promise.scala:288)
        at
scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at
scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.Promise.success(Promise.scala:86)
        at scala.concurrent.Promise.success$(Promise.scala:86)
        at
scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scala:187)
        at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpcCall
Context.scala:50)
        at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCallCont
ext.scala:32)
        at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAndRep
ly$1.applyOrElse(RpcEndpointVerifier.scala:31)
        … 8 more
25/11/27 08:14:40 WARN Executor: Issue communicating with driver in heartbeater
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at
org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.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(Bloc
kManagerMaster.scala:80)
        at
```

```
org.apache.spark.storage.BlockManager.reregister(BlockManager.scala:642)
        at
org.apache.spark.executor.Executor.reportHeartBeat(Executor.scala:1223)
        at
org.apache.spark.executor.Executor.$anonfun$heartbeater$1(Executor.scala:295)
        at
scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
        at org.apache.spark.util.Utils$.logUncaughtExceptions(Utils.scala:1928)
        at org.apache.spark.Heartbeater$$anon$1.run(Heartbeater.scala:46)
        at java.base/java.util.concurrent.Executors$RunnableAdapter.call(Executo
rs.java:515)
        at
java.base/java.util.concurrent.FutureTask.runAndReset(FutureTask.java:305)
        at java.base/java.util.concurrent.ScheduledThreadPoolExecutor$ScheduledF
utureTask.run(ScheduledThreadPoolExecutor.java:305)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoo
lExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPo
olExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.SparkException: Exception thrown in awaitResult:
        at
org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
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        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$lz
ycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpoint.sc
ala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$l
zycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$1
(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.scala:72
5)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receiveA
ndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$Mes
sageLoop$$receiveLoop(MessageLoop.scala:75)
        at
```

```
org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.scala:41)
        … 3 more
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find
endpoint: spark://CoarseGrainedScheduler@192.168.1.62:64070
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at
scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.scala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(Promise.scala:288)
        at
scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at
scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(Promise.scala:288)
        at
scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at
scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
```

```
        at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingExecut
or.scala:67)
        at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingExecut
or.scala:82)
        at
scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
        at
scala.concurrent.BlockContext$.withBlockContext(BlockContext.scala:85)
        at
scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scala:59)
        at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecute(Fu
ture.scala:875)
        at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:110)
        at
scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scala:107)
        at
scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.scala:873)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(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.scala:187)
        at
org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.scala:225)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(NettyR
pcEnv.scala:239)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$adapte
d(NettyRpcEnv.scala:238)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
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org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(Promise.scala:288)
        at
scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
```

```
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at
scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala: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.scala:187)
        at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpcCall
Context.scala:50)
        at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCallCont
ext.scala:32)
        at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAndRep
ly$1.applyOrElse(RpcEndpointVerifier.scala:31)
        … 8 more
25/11/27 08:14:50 ERROR Inbox: Ignoring error
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at
org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$lz
ycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpoint.sc
ala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$l
zycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$1
(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.scala:72
5)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receiveA
ndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$Mes
sageLoop$$receiveLoop(MessageLoop.scala:75)
        at
org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.scala:41)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoo
lExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPo
```

```
olExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find
endpoint: spark://CoarseGrainedScheduler@192.168.1.62:64070
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
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        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
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org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
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ontextImpl.scala:138)
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romise.scala:288)
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dapted(Promise.scala:288)
        at
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        at
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        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
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        at
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        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
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        at
scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
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        at
scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
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        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
```

```
        at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingExecut
or.scala:67)
        at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingExecut
or.scala:82)
        at
scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
        at
scala.concurrent.BlockContext$.withBlockContext(BlockContext.scala:85)
        at
scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scala:59)
        at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecute(Fu
ture.scala:875)
        at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:110)
        at
scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scala:107)
        at
scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.scala:873)
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scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
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romise.scala:288)
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dapted(Promise.scala:288)
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scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
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scala.concurrent.impl.Promise$DefaultPromise.trySuccess(Promise.scala:187)
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org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.scala:225)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(NettyR
pcEnv.scala:239)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$adapte
d(NettyRpcEnv.scala:238)
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org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
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scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
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scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
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        at
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        at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpcCall
Context.scala:50)
        at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCallCont
ext.scala:32)
        at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAndRep
ly$1.applyOrElse(RpcEndpointVerifier.scala:31)
        … 8 more
25/11/27 08:14:50 WARN Executor: Issue communicating with driver in heartbeater
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at
org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:101)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:85)
        at org.apache.spark.storage.BlockManagerMaster.registerBlockManager(Bloc
kManagerMaster.scala:80)
        at
org.apache.spark.storage.BlockManager.reregister(BlockManager.scala:642)
        at
org.apache.spark.executor.Executor.reportHeartBeat(Executor.scala:1223)
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org.apache.spark.executor.Executor.$anonfun$heartbeater$1(Executor.scala:295)
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scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
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        at java.base/java.util.concurrent.Executors$RunnableAdapter.call(Executo
rs.java:515)
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java.base/java.util.concurrent.FutureTask.runAndReset(FutureTask.java:305)
        at java.base/java.util.concurrent.ScheduledThreadPoolExecutor$ScheduledF
utureTask.run(ScheduledThreadPoolExecutor.java:305)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoo
lExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPo
olExecutor.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$.awaitResult(SparkThreadUtils.scala:56)
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        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
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        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$lz
ycompute(BlockManagerMasterEndpoint.scala:124)
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ndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
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        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
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        at
org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.scala:41)
        … 3 more
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find
endpoint: spark://CoarseGrainedScheduler@192.168.1.62:64070
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at
scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.scala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(Promise.scala:288)
```

```
        at
scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at
scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(Promise.scala:288)
        at
scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at
scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingExecut
or.scala:67)
        at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingExecut
or.scala:82)
        at
scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
        at
scala.concurrent.BlockContext$.withBlockContext(BlockContext.scala:85)
        at
scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scala:59)
        at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecute(Fu
ture.scala:875)
        at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:110)
        at
scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scala:107)
        at
scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.scala:873)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
```

```
dapted(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.scala:187)
        at
org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.scala:225)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(NettyR
pcEnv.scala:239)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$adapte
d(NettyRpcEnv.scala:238)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(Promise.scala:288)
        at
scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at
scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.Promise.success(Promise.scala:86)
        at scala.concurrent.Promise.success$(Promise.scala:86)
        at
scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scala:187)
        at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpcCall
Context.scala:50)
        at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCallCont
ext.scala:32)
        at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAndRep
ly$1.applyOrElse(RpcEndpointVerifier.scala:31)
        … 8 more
25/11/27 08:15:00 ERROR Inbox: Ignoring error
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at
org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.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:102)
```

```
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$lz
ycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpoint.sc
ala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$l
zycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$1
(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.scala:72
5)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receiveA
ndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$Mes
sageLoop$$receiveLoop(MessageLoop.scala:75)
        at
org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.scala:41)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoo
lExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPo
olExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find
endpoint: spark://CoarseGrainedScheduler@192.168.1.62:64070
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at
scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.scala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.dispatchOrAddCallback(Pr
omise.scala:316)
        at
scala.concurrent.impl.Promise$DefaultPromise.onComplete(Promise.scala: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(Promise.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.scala:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.asyncSetupEndpointRefByURI(Net
tyRpcEnv.scala:150)
        … 17 more
25/11/27 08:15:00 WARN Executor: Issue communicating with driver in heartbeater
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at
org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.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(Bloc
kManagerMaster.scala:80)
        at
org.apache.spark.storage.BlockManager.reregister(BlockManager.scala:642)
        at
org.apache.spark.executor.Executor.reportHeartBeat(Executor.scala:1223)
        at
org.apache.spark.executor.Executor.$anonfun$heartbeater$1(Executor.scala:295)
        at
scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
        at org.apache.spark.util.Utils$.logUncaughtExceptions(Utils.scala:1928)
        at org.apache.spark.Heartbeater$$anon$1.run(Heartbeater.scala:46)
        at java.base/java.util.concurrent.Executors$RunnableAdapter.call(Executo
rs.java:515)
        at
java.base/java.util.concurrent.FutureTask.runAndReset(FutureTask.java:305)
        at java.base/java.util.concurrent.ScheduledThreadPoolExecutor$ScheduledF
utureTask.run(ScheduledThreadPoolExecutor.java:305)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoo
lExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPo
olExecutor.java:628)
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        at
org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
```

```
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$lz
ycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpoint.sc
ala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$l
zycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$1
(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.scala:72
5)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receiveA
ndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$Mes
sageLoop$$receiveLoop(MessageLoop.scala:75)
        at
org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.scala:41)
        … 3 more
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find
endpoint: spark://CoarseGrainedScheduler@192.168.1.62:64070
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at
scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.scala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.dispatchOrAddCallback(Pr
omise.scala:316)
        at
scala.concurrent.impl.Promise$DefaultPromise.onComplete(Promise.scala:307)
        at scala.concurrent.impl.Promise.transformWith(Promise.scala:40)
        at scala.concurrent.impl.Promise.transformWith$(Promise.scala:38)
        at
scala.concurrent.impl.Promise$DefaultPromise.transformWith(Promise.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.scala:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.asyncSetupEndpointRefByURI(Net
tyRpcEnv.scala:150)
        … 17 more
25/11/27 08:15:10 ERROR Inbox: Ignoring error
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at
org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$lz
ycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpoint.sc
ala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$l
zycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$1
(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.scala:72
5)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receiveA
ndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
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olExecutor.java:628)
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        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
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scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.scala:41)
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romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(Promise.scala:288)
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scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
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        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
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        at
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        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(Promise.scala:288)
        at
scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at
scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingExecut
or.scala:67)
        at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingExecut
or.scala:82)
        at
scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
        at
scala.concurrent.BlockContext$.withBlockContext(BlockContext.scala:85)
```

```
        at
scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scala:59)
        at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecute(Fu
ture.scala:875)
        at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:110)
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scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scala:107)
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scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.scala:873)
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        at
org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.scala:225)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(NettyR
pcEnv.scala:239)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$adapte
d(NettyRpcEnv.scala:238)
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        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
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ontextImpl.scala:138)
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scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
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scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.Promise.success(Promise.scala:86)
        at scala.concurrent.Promise.success$(Promise.scala:86)
        at
scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scala:187)
```

```
        at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpcCall
Context.scala:50)
        at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCallCont
ext.scala:32)
        at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAndRep
ly$1.applyOrElse(RpcEndpointVerifier.scala:31)
        … 8 more
25/11/27 08:15:10 WARN Executor: Issue communicating with driver in heartbeater
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at
org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:101)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:85)
        at org.apache.spark.storage.BlockManagerMaster.registerBlockManager(Bloc
kManagerMaster.scala:80)
        at
org.apache.spark.storage.BlockManager.reregister(BlockManager.scala:642)
        at
org.apache.spark.executor.Executor.reportHeartBeat(Executor.scala:1223)
        at
org.apache.spark.executor.Executor.$anonfun$heartbeater$1(Executor.scala:295)
        at
scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
        at org.apache.spark.util.Utils$.logUncaughtExceptions(Utils.scala:1928)
        at org.apache.spark.Heartbeater$$anon$1.run(Heartbeater.scala:46)
        at java.base/java.util.concurrent.Executors$RunnableAdapter.call(Executo
rs.java:515)
        at
java.base/java.util.concurrent.FutureTask.runAndReset(FutureTask.java:305)
        at java.base/java.util.concurrent.ScheduledThreadPoolExecutor$ScheduledF
utureTask.run(ScheduledThreadPoolExecutor.java:305)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoo
lExecutor.java:1128)
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olExecutor.java:628)
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org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$lz
ycompute(BlockManagerMasterEndpoint.scala:124)
```

```
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpoint.sc
ala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$l
zycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$1
(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.scala:72
5)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receiveA
ndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$Mes
sageLoop$$receiveLoop(MessageLoop.scala:75)
        at
org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.scala:41)
        … 3 more
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find
endpoint: spark://CoarseGrainedScheduler@192.168.1.62:64070
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at
scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.scala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(Promise.scala:288)
        at
scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at
scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
```

```
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(Promise.scala:288)
        at
scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at
scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingExecut
or.scala:67)
        at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingExecut
or.scala:82)
        at
scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
        at
scala.concurrent.BlockContext$.withBlockContext(BlockContext.scala:85)
        at
scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scala:59)
        at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecute(Fu
ture.scala:875)
        at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:110)
        at
scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scala:107)
        at
scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.scala:873)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(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.scala:187)
        at
```

```
org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.scala:225)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(NettyR
pcEnv.scala:239)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$adapte
d(NettyRpcEnv.scala:238)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(Promise.scala:288)
        at
scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
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        at
scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala: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.scala:187)
        at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpcCall
Context.scala:50)
        at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCallCont
ext.scala:32)
        at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAndRep
ly$1.applyOrElse(RpcEndpointVerifier.scala:31)
        … 8 more
25/11/27 08:15:20 ERROR Inbox: Ignoring error
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at
org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$lz
ycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpoint.sc
ala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$l
```

```
zycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$1
(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.scala:72
5)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receiveA
ndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$Mes
sageLoop$$receiveLoop(MessageLoop.scala:75)
        at
org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.scala:41)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoo
lExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPo
olExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find
endpoint: spark://CoarseGrainedScheduler@192.168.1.62:64070
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
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scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.scala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(Promise.scala:288)
        at
scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at
scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
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```

```
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
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        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
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        at
scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
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        at
scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala: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$1(BatchingExecut
or.scala:67)
        at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingExecut
or.scala:82)
        at
scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
        at
scala.concurrent.BlockContext$.withBlockContext(BlockContext.scala:85)
        at
scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scala:59)
        at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecute(Fu
ture.scala:875)
        at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:110)
        at
scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scala:107)
        at
scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.scala:873)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(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.scala:187)
        at
```

```
org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.scala:225)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(NettyR
pcEnv.scala:239)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$adapte
d(NettyRpcEnv.scala:238)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(Promise.scala:288)
        at
scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at
scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.Promise.success(Promise.scala:86)
        at scala.concurrent.Promise.success$(Promise.scala:86)
        at
scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scala:187)
        at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpcCall
Context.scala:50)
        at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCallCont
ext.scala:32)
        at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAndRep
ly$1.applyOrElse(RpcEndpointVerifier.scala:31)
        … 8 more
25/11/27 08:15:20 WARN Executor: Issue communicating with driver in heartbeater
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at
org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.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(Bloc
kManagerMaster.scala:80)
        at
org.apache.spark.storage.BlockManager.reregister(BlockManager.scala:642)
        at
org.apache.spark.executor.Executor.reportHeartBeat(Executor.scala:1223)
        at
```

```
org.apache.spark.executor.Executor.$anonfun$heartbeater$1(Executor.scala:295)
        at
scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
        at org.apache.spark.util.Utils$.logUncaughtExceptions(Utils.scala:1928)
        at org.apache.spark.Heartbeater$$anon$1.run(Heartbeater.scala:46)
        at java.base/java.util.concurrent.Executors$RunnableAdapter.call(Executo
rs.java:515)
        at
java.base/java.util.concurrent.FutureTask.runAndReset(FutureTask.java:305)
        at java.base/java.util.concurrent.ScheduledThreadPoolExecutor$ScheduledF
utureTask.run(ScheduledThreadPoolExecutor.java:305)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoo
lExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPo
olExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.SparkException: Exception thrown in awaitResult:
        at
org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$lz
ycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpoint.sc
ala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$l
zycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$1
(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.scala:72
5)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receiveA
ndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$Mes
sageLoop$$receiveLoop(MessageLoop.scala:75)
        at
org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.scala:41)
        … 3 more
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find
endpoint: spark://CoarseGrainedScheduler@192.168.1.62:64070
```

```
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at
scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.scala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(Promise.scala:288)
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scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
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        at
scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
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        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(Promise.scala:288)
        at
scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at
scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingExecut
or.scala:67)
        at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingExecut
or.scala:82)
```

```
        at
scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
        at
scala.concurrent.BlockContext$.withBlockContext(BlockContext.scala:85)
        at
scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scala:59)
        at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecute(Fu
ture.scala:875)
        at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:110)
        at
scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scala:107)
        at
scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.scala:873)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(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.scala:187)
        at
org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.scala:225)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(NettyR
pcEnv.scala:239)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$adapte
d(NettyRpcEnv.scala:238)
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        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
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        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(Promise.scala:288)
        at
scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at
scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala: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.scala:187)
        at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpcCall
Context.scala:50)
        at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCallCont
ext.scala:32)
        at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAndRep
ly$1.applyOrElse(RpcEndpointVerifier.scala:31)
        … 8 more
25/11/27 08:15:30 ERROR Inbox: Ignoring error
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at
org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$lz
ycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpoint.sc
ala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$l
zycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$1
(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.scala:72
5)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receiveA
ndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$Mes
sageLoop$$receiveLoop(MessageLoop.scala:75)
        at
org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.scala:41)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoo
lExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPo
olExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find
endpoint: spark://CoarseGrainedScheduler@192.168.1.62:64070
```

```
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at
scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.scala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.dispatchOrAddCallback(Pr
omise.scala:316)
        at
scala.concurrent.impl.Promise$DefaultPromise.onComplete(Promise.scala:307)
        at scala.concurrent.impl.Promise.transformWith(Promise.scala:40)
        at scala.concurrent.impl.Promise.transformWith$(Promise.scala:38)
        at
scala.concurrent.impl.Promise$DefaultPromise.transformWith(Promise.scala:187)
        at scala.concurrent.Future.flatMap(Future.scala:306)
        at scala.concurrent.Future.flatMap$(Future.scala:306)
        at
scala.concurrent.impl.Promise$DefaultPromise.flatMap(Promise.scala:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.asyncSetupEndpointRefByURI(Net
tyRpcEnv.scala:150)
        … 17 more
25/11/27 08:15:30 WARN Executor: Issue communicating with driver in heartbeater
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at
org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:101)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:85)
        at org.apache.spark.storage.BlockManagerMaster.registerBlockManager(Bloc
kManagerMaster.scala:80)
        at
org.apache.spark.storage.BlockManager.reregister(BlockManager.scala:642)
        at
org.apache.spark.executor.Executor.reportHeartBeat(Executor.scala:1223)
        at
org.apache.spark.executor.Executor.$anonfun$heartbeater$1(Executor.scala:295)
        at
scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
        at org.apache.spark.util.Utils$.logUncaughtExceptions(Utils.scala:1928)
```

```
        at org.apache.spark.Heartbeater$$anon$1.run(Heartbeater.scala:46)
        at java.base/java.util.concurrent.Executors$RunnableAdapter.call(Executo
rs.java:515)
        at
java.base/java.util.concurrent.FutureTask.runAndReset(FutureTask.java:305)
        at java.base/java.util.concurrent.ScheduledThreadPoolExecutor$ScheduledF
utureTask.run(ScheduledThreadPoolExecutor.java:305)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoo
lExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPo
olExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.SparkException: Exception thrown in awaitResult:
        at
org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$lz
ycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpoint.sc
ala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$l
zycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$1
(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.scala:72
5)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receiveA
ndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$Mes
sageLoop$$receiveLoop(MessageLoop.scala:75)
        at
org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.scala:41)
        … 3 more
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find
endpoint: spark://CoarseGrainedScheduler@192.168.1.62:64070
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1$adapted(NettyRpcEnv.scala:144)
```

```
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at
scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.scala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.dispatchOrAddCallback(Pr
omise.scala:316)
        at
scala.concurrent.impl.Promise$DefaultPromise.onComplete(Promise.scala:307)
        at scala.concurrent.impl.Promise.transformWith(Promise.scala:40)
        at scala.concurrent.impl.Promise.transformWith$(Promise.scala:38)
        at
scala.concurrent.impl.Promise$DefaultPromise.transformWith(Promise.scala:187)
        at scala.concurrent.Future.flatMap(Future.scala:306)
        at scala.concurrent.Future.flatMap$(Future.scala:306)
        at
scala.concurrent.impl.Promise$DefaultPromise.flatMap(Promise.scala:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.asyncSetupEndpointRefByURI(Net
tyRpcEnv.scala:150)
        … 17 more
25/11/27 08:15:40 ERROR Inbox: Ignoring error
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at
org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$lz
ycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpoint.sc
ala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$l
zycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$1
(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.scala:72
5)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receiveA
ndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
```

```
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$Mes
sageLoop$$receiveLoop(MessageLoop.scala:75)
        at
org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.scala:41)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoo
lExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPo
olExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find
endpoint: spark://CoarseGrainedScheduler@192.168.1.62:64070
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at
scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.scala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(Promise.scala:288)
        at
scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at
scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
```

```
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(Promise.scala:288)
        at
scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at
scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingExecut
or.scala:67)
        at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingExecut
or.scala:82)
        at
scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
        at
scala.concurrent.BlockContext$.withBlockContext(BlockContext.scala:85)
        at
scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scala:59)
        at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecute(Fu
ture.scala:875)
        at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:110)
        at
scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scala:107)
        at
scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.scala:873)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(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.scala:187)
        at
org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.scala:225)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(NettyR
pcEnv.scala:239)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$adapte
d(NettyRpcEnv.scala:238)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
```

```
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(Promise.scala:288)
        at
scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at
scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.Promise.success(Promise.scala:86)
        at scala.concurrent.Promise.success$(Promise.scala:86)
        at
scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scala:187)
        at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpcCall
Context.scala:50)
        at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCallCont
ext.scala:32)
        at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAndRep
ly$1.applyOrElse(RpcEndpointVerifier.scala:31)
        … 8 more
25/11/27 08:15:40 WARN Executor: Issue communicating with driver in heartbeater
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at
org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:101)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:85)
        at org.apache.spark.storage.BlockManagerMaster.registerBlockManager(Bloc
kManagerMaster.scala:80)
        at
org.apache.spark.storage.BlockManager.reregister(BlockManager.scala:642)
        at
org.apache.spark.executor.Executor.reportHeartBeat(Executor.scala:1223)
        at
org.apache.spark.executor.Executor.$anonfun$heartbeater$1(Executor.scala:295)
        at
scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
        at org.apache.spark.util.Utils$.logUncaughtExceptions(Utils.scala:1928)
        at org.apache.spark.Heartbeater$$anon$1.run(Heartbeater.scala:46)
        at java.base/java.util.concurrent.Executors$RunnableAdapter.call(Executo
rs.java:515)
        at
```

```
java.base/java.util.concurrent.FutureTask.runAndReset(FutureTask.java:305)
        at java.base/java.util.concurrent.ScheduledThreadPoolExecutor$ScheduledF
utureTask.run(ScheduledThreadPoolExecutor.java:305)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoo
lExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPo
olExecutor.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$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$lz
ycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpoint.sc
ala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$l
zycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$1
(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.scala:72
5)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receiveA
ndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$Mes
sageLoop$$receiveLoop(MessageLoop.scala:75)
        at
org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.scala:41)
        … 3 more
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find
endpoint: spark://CoarseGrainedScheduler@192.168.1.62:64070
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at
scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.scala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
```

```
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(Promise.scala:288)
        at
scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at
scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(Promise.scala:288)
        at
scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at
scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingExecut
or.scala:67)
        at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingExecut
or.scala:82)
        at
scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
        at
scala.concurrent.BlockContext$.withBlockContext(BlockContext.scala:85)
        at
scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scala:59)
        at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecute(Fu
ture.scala:875)
```

```
        at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:110)
        at
scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scala:107)
        at
scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.scala:873)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(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.scala:187)
        at
org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.scala:225)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(NettyR
pcEnv.scala:239)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$adapte
d(NettyRpcEnv.scala:238)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(Promise.scala:288)
        at
scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at
scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.Promise.success(Promise.scala:86)
        at scala.concurrent.Promise.success$(Promise.scala:86)
        at
scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scala:187)
        at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpcCall
Context.scala:50)
        at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCallCont
ext.scala:32)
```

```
        at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAndRep
ly$1.applyOrElse(RpcEndpointVerifier.scala:31)
        … 8 more
25/11/27 08:15:50 WARN Executor: Issue communicating with driver in heartbeater
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at
org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:101)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:85)
        at org.apache.spark.storage.BlockManagerMaster.registerBlockManager(Bloc
kManagerMaster.scala:80)
        at
org.apache.spark.storage.BlockManager.reregister(BlockManager.scala:642)
        at
org.apache.spark.executor.Executor.reportHeartBeat(Executor.scala:1223)
        at
org.apache.spark.executor.Executor.$anonfun$heartbeater$1(Executor.scala:295)
        at
scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
        at org.apache.spark.util.Utils$.logUncaughtExceptions(Utils.scala:1928)
        at org.apache.spark.Heartbeater$$anon$1.run(Heartbeater.scala:46)
        at java.base/java.util.concurrent.Executors$RunnableAdapter.call(Executo
rs.java:515)
        at
java.base/java.util.concurrent.FutureTask.runAndReset(FutureTask.java:305)
        at java.base/java.util.concurrent.ScheduledThreadPoolExecutor$ScheduledF
utureTask.run(ScheduledThreadPoolExecutor.java:305)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoo
lExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPo
olExecutor.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$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$lz
ycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpoint.sc
ala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$l
```

```
zycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$1
(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.scala:72
5)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receiveA
ndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$Mes
sageLoop$$receiveLoop(MessageLoop.scala:75)
        at
org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.scala:41)
        … 3 more
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find
endpoint: spark://CoarseGrainedScheduler@192.168.1.62:64070
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at
scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.scala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.dispatchOrAddCallback(Pr
omise.scala:316)
        at
scala.concurrent.impl.Promise$DefaultPromise.onComplete(Promise.scala:307)
        at scala.concurrent.impl.Promise.transformWith(Promise.scala:40)
        at scala.concurrent.impl.Promise.transformWith$(Promise.scala:38)
        at
scala.concurrent.impl.Promise$DefaultPromise.transformWith(Promise.scala:187)
        at scala.concurrent.Future.flatMap(Future.scala:306)
        at scala.concurrent.Future.flatMap$(Future.scala:306)
        at
scala.concurrent.impl.Promise$DefaultPromise.flatMap(Promise.scala:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.asyncSetupEndpointRefByURI(Net
tyRpcEnv.scala:150)
        … 17 more
25/11/27 08:15:50 ERROR Inbox: Ignoring error
```

```
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at
org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$lz
ycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpoint.sc
ala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$l
zycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$1
(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.scala:72
5)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receiveA
ndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$Mes
sageLoop$$receiveLoop(MessageLoop.scala:75)
        at
org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.scala:41)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoo
lExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPo
olExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find
endpoint: spark://CoarseGrainedScheduler@192.168.1.62:64070
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at
scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.scala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
```

```
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.dispatchOrAddCallback(Pr
omise.scala:316)
        at
scala.concurrent.impl.Promise$DefaultPromise.onComplete(Promise.scala: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(Promise.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.scala:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.asyncSetupEndpointRefByURI(Net
tyRpcEnv.scala:150)
        … 17 more
25/11/27 08:16:00 ERROR Inbox: Ignoring error
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at
org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$lz
ycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpoint.sc
ala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$l
zycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$1
(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.scala:72
5)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receiveA
ndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$Mes
sageLoop$$receiveLoop(MessageLoop.scala:75)
        at
org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.scala:41)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoo
```

```
lExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPo
olExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find
endpoint: spark://CoarseGrainedScheduler@192.168.1.62:64070
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at
scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.scala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(Promise.scala:288)
        at
scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at
scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(Promise.scala:288)
        at
scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at
scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala: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$1(BatchingExecut
or.scala:67)
        at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingExecut
or.scala:82)
        at
scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
        at
scala.concurrent.BlockContext$.withBlockContext(BlockContext.scala:85)
        at
scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scala:59)
        at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecute(Fu
ture.scala:875)
        at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:110)
        at
scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scala:107)
        at
scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.scala:873)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(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.scala:187)
        at
org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.scala:225)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(NettyR
pcEnv.scala:239)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$adapte
d(NettyRpcEnv.scala:238)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(Promise.scala:288)
```

```
        at
scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at
scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.Promise.success(Promise.scala:86)
        at scala.concurrent.Promise.success$(Promise.scala:86)
        at
scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scala:187)
        at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpcCall
Context.scala:50)
        at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCallCont
ext.scala:32)
        at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAndRep
ly$1.applyOrElse(RpcEndpointVerifier.scala:31)
        … 8 more
25/11/27 08:16:00 WARN Executor: Issue communicating with driver in heartbeater
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at
org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:101)
        at org.apache.spark.rpc.RpcEndpointRef.askSync(RpcEndpointRef.scala:85)
        at org.apache.spark.storage.BlockManagerMaster.registerBlockManager(Bloc
kManagerMaster.scala:80)
        at
org.apache.spark.storage.BlockManager.reregister(BlockManager.scala:642)
        at
org.apache.spark.executor.Executor.reportHeartBeat(Executor.scala:1223)
        at
org.apache.spark.executor.Executor.$anonfun$heartbeater$1(Executor.scala:295)
        at
scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
        at org.apache.spark.util.Utils$.logUncaughtExceptions(Utils.scala:1928)
        at org.apache.spark.Heartbeater$$anon$1.run(Heartbeater.scala:46)
        at java.base/java.util.concurrent.Executors$RunnableAdapter.call(Executo
rs.java:515)
        at
java.base/java.util.concurrent.FutureTask.runAndReset(FutureTask.java:305)
        at java.base/java.util.concurrent.ScheduledThreadPoolExecutor$ScheduledF
utureTask.run(ScheduledThreadPoolExecutor.java:305)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoo
lExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPo
olExecutor.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$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$lz
ycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpoint.sc
ala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$l
zycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$1
(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.scala:72
5)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receiveA
ndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$Mes
sageLoop$$receiveLoop(MessageLoop.scala:75)
        at
org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.scala:41)
        … 3 more
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find
endpoint: spark://CoarseGrainedScheduler@192.168.1.62:64070
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at
scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.scala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
```

```
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(Promise.scala:288)
        at
scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at
scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(Promise.scala:288)
        at
scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at
scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingExecut
or.scala:67)
        at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingExecut
or.scala:82)
        at
scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
        at
scala.concurrent.BlockContext$.withBlockContext(BlockContext.scala:85)
        at
scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scala:59)
        at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecute(Fu
ture.scala:875)
        at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:110)
        at
scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scala:107)
        at
scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.scala:873)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
```

romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(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.scala:187)
        at
org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.scala:225)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(NettyR
pcEnv.scala:239)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable5adapte
d(NettyRpcEnv.scala:238)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(Promise.scala:288)
        at
scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at
scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.Promise.success(Promise.scala:86)
        at scala.concurrent.Promise.success$(Promise.scala:86)
        at
scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scala:187)
        at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpcCall
Context.scala:50)
        at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCallCont
ext.scala:32)
        at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAndRep
ly$1.applyOrElse(RpcEndpointVerifier.scala:31)
        … 8 more
25/11/27 08:16:10 ERROR Inbox: Ignoring error
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at
org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.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:102)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$lz
ycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpoint.sc
ala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$l
zycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$1
(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.scala:72
5)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receiveA
ndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$Mes
sageLoop$$receiveLoop(MessageLoop.scala:75)
        at
org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.scala:41)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoo
lExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPo
olExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find
endpoint: spark://CoarseGrainedScheduler@192.168.1.62:64070
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at
scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.scala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
```

```
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(Promise.scala:288)
        at
scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at
scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(Promise.scala:288)
        at
scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at
scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingExecut
or.scala:67)
        at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingExecut
or.scala:82)
        at
scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
        at
scala.concurrent.BlockContext$.withBlockContext(BlockContext.scala:85)
        at
scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scala:59)
        at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecute(Fu
ture.scala:875)
        at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:110)
        at
scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scala:107)
        at
scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.scala:873)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
```

```
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(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.scala:187)
        at
org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.scala:225)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(NettyR
pcEnv.scala:239)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$adapte
d(NettyRpcEnv.scala:238)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(Promise.scala:288)
        at
scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at
scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.Promise.success(Promise.scala:86)
        at scala.concurrent.Promise.success$(Promise.scala:86)
        at
scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scala:187)
        at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpcCall
Context.scala:50)
        at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCallCont
ext.scala:32)
        at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAndRep
ly$1.applyOrElse(RpcEndpointVerifier.scala:31)
        … 8 more
25/11/27 08:16:10 WARN Executor: Issue communicating with driver in heartbeater
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at
org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
```

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        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(Bloc
kManagerMaster.scala:80)
        at
org.apache.spark.storage.BlockManager.reregister(BlockManager.scala:642)
        at
org.apache.spark.executor.Executor.reportHeartBeat(Executor.scala:1223)
        at
org.apache.spark.executor.Executor.$anonfun$heartbeater$1(Executor.scala:295)
        at
scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
        at org.apache.spark.util.Utils$.logUncaughtExceptions(Utils.scala:1928)
        at org.apache.spark.Heartbeater$$anon$1.run(Heartbeater.scala:46)
        at java.base/java.util.concurrent.Executors$RunnableAdapter.call(Executo
rs.java:515)
        at
java.base/java.util.concurrent.FutureTask.runAndReset(FutureTask.java:305)
        at java.base/java.util.concurrent.ScheduledThreadPoolExecutor$ScheduledF
utureTask.run(ScheduledThreadPoolExecutor.java:305)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoo
lExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPo
olExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.SparkException: Exception thrown in awaitResult:
        at
org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$lz
ycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpoint.sc
ala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$l
zycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$1
(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.scala:72
5)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receiveA
ndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
```

```
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$Mes
sageLoop$$receiveLoop(MessageLoop.scala:75)
        at
org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.scala:41)
        … 3 more
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find
endpoint: spark://CoarseGrainedScheduler@192.168.1.62:64070
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at
scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.scala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(Promise.scala:288)
        at
scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at
scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(Promise.scala:288)
        at
scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
```

```
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at
scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala: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$1(BatchingExecut
or.scala:67)
        at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingExecut
or.scala:82)
        at
scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
        at
scala.concurrent.BlockContext$.withBlockContext(BlockContext.scala:85)
        at
scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scala:59)
        at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecute(Fu
ture.scala:875)
        at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:110)
        at
scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scala:107)
        at
scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.scala:873)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(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.scala:187)
        at
org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.scala:225)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(NettyR
pcEnv.scala:239)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$adapte
d(NettyRpcEnv.scala:238)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
```

```
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(Promise.scala:288)
        at
scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at
scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.Promise.success(Promise.scala:86)
        at scala.concurrent.Promise.success$(Promise.scala:86)
        at
scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scala:187)
        at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpcCall
Context.scala:50)
        at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCallCont
ext.scala:32)
        at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAndRep
ly$1.applyOrElse(RpcEndpointVerifier.scala:31)
        … 8 more
25/11/27 08:16:20 ERROR Inbox: Ignoring error
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at
org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$lz
ycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpoint.sc
ala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$l
zycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$1
(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.scala:72
5)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receiveA
ndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$Mes
```

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sageLoop$$receiveLoop(MessageLoop.scala:75)
        at
org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.scala:41)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoo
lExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPo
olExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find
endpoint: spark://CoarseGrainedScheduler@192.168.1.62:64070
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at
scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.scala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.dispatchOrAddCallback(Pr
omise.scala:316)
        at
scala.concurrent.impl.Promise$DefaultPromise.onComplete(Promise.scala:307)
        at scala.concurrent.impl.Promise.transformWith(Promise.scala:40)
        at scala.concurrent.impl.Promise.transformWith$(Promise.scala:38)
        at
scala.concurrent.impl.Promise$DefaultPromise.transformWith(Promise.scala:187)
        at scala.concurrent.Future.flatMap(Future.scala:306)
        at scala.concurrent.Future.flatMap$(Future.scala:306)
        at
scala.concurrent.impl.Promise$DefaultPromise.flatMap(Promise.scala:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.asyncSetupEndpointRefByURI(Net
tyRpcEnv.scala:150)
        … 17 more
25/11/27 08:16:20 WARN Executor: Issue communicating with driver in heartbeater
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at
org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.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(Bloc
```

```
kManagerMaster.scala:80)
        at
org.apache.spark.storage.BlockManager.reregister(BlockManager.scala:642)
        at
org.apache.spark.executor.Executor.reportHeartBeat(Executor.scala:1223)
        at
org.apache.spark.executor.Executor.$anonfun$heartbeater$1(Executor.scala:295)
        at
scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
        at org.apache.spark.util.Utils$.logUncaughtExceptions(Utils.scala:1928)
        at org.apache.spark.Heartbeater$$anon$1.run(Heartbeater.scala:46)
        at java.base/java.util.concurrent.Executors$RunnableAdapter.call(Executo
rs.java:515)
        at
java.base/java.util.concurrent.FutureTask.runAndReset(FutureTask.java:305)
        at java.base/java.util.concurrent.ScheduledThreadPoolExecutor$ScheduledF
utureTask.run(ScheduledThreadPoolExecutor.java:305)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoo
lExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPo
olExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.SparkException: Exception thrown in awaitResult:
        at
org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$lz
ycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpoint.sc
ala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$l
zycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$1
(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.scala:72
5)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receiveA
ndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$Mes
```

```
sageLoop$$receiveLoop(MessageLoop.scala:75)
        at
org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.scala:41)
        … 3 more
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find
endpoint: spark://CoarseGrainedScheduler@192.168.1.62:64070
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at
scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.scala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.dispatchOrAddCallback(Pr
omise.scala:316)
        at
scala.concurrent.impl.Promise$DefaultPromise.onComplete(Promise.scala:307)
        at scala.concurrent.impl.Promise.transformWith(Promise.scala:40)
        at scala.concurrent.impl.Promise.transformWith$(Promise.scala:38)
        at
scala.concurrent.impl.Promise$DefaultPromise.transformWith(Promise.scala:187)
        at scala.concurrent.Future.flatMap(Future.scala:306)
        at scala.concurrent.Future.flatMap$(Future.scala:306)
        at
scala.concurrent.impl.Promise$DefaultPromise.flatMap(Promise.scala:187)
        at org.apache.spark.rpc.netty.NettyRpcEnv.asyncSetupEndpointRefByURI(Net
tyRpcEnv.scala:150)
        … 17 more
25/11/27 08:16:30 ERROR Inbox: Ignoring error
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at
org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$lz
ycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpoint.sc
```

```
ala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$l
zycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$1
(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.scala:72
5)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receiveA
ndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$Mes
sageLoop$$receiveLoop(MessageLoop.scala:75)
        at
org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.scala:41)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoo
lExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPo
olExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find
endpoint: spark://CoarseGrainedScheduler@192.168.1.62:64070
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at
scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.scala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(Promise.scala:288)
        at
scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at
scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala: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$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(Promise.scala:288)
        at
scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at
scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingExecut
or.scala:67)
        at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingExecut
or.scala:82)
        at
scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
        at
scala.concurrent.BlockContext$.withBlockContext(BlockContext.scala:85)
        at
scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scala:59)
        at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecute(Fu
ture.scala:875)
        at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:110)
        at
scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scala:107)
        at
scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.scala:873)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(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.scala:187)
        at
org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.scala:225)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(NettyR
pcEnv.scala:239)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$adapte
d(NettyRpcEnv.scala:238)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(Promise.scala:288)
        at
scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at
scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.Promise.success(Promise.scala:86)
        at scala.concurrent.Promise.success$(Promise.scala:86)
        at
scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scala:187)
        at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpcCall
Context.scala:50)
        at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCallCont
ext.scala:32)
        at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAndRep
ly$1.applyOrElse(RpcEndpointVerifier.scala:31)
        … 8 more
25/11/27 08:16:30 WARN Executor: Issue communicating with driver in heartbeater
org.apache.spark.SparkException: Exception thrown in awaitResult:
        at
org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.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(Bloc
kManagerMaster.scala:80)
        at
org.apache.spark.storage.BlockManager.reregister(BlockManager.scala:642)
        at
```

```
org.apache.spark.executor.Executor.reportHeartBeat(Executor.scala:1223)
        at
org.apache.spark.executor.Executor.$anonfun$heartbeater$1(Executor.scala:295)
        at
scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
        at org.apache.spark.util.Utils$.logUncaughtExceptions(Utils.scala:1928)
        at org.apache.spark.Heartbeater$$anon$1.run(Heartbeater.scala:46)
        at java.base/java.util.concurrent.Executors$RunnableAdapter.call(Executo
rs.java:515)
        at
java.base/java.util.concurrent.FutureTask.runAndReset(FutureTask.java:305)
        at java.base/java.util.concurrent.ScheduledThreadPoolExecutor$ScheduledF
utureTask.run(ScheduledThreadPoolExecutor.java:305)
        at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoo
lExecutor.java:1128)
        at java.base/java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPo
olExecutor.java:628)
        at java.base/java.lang.Thread.run(Thread.java:829)
Caused by: org.apache.spark.SparkException: Exception thrown in awaitResult:
        at
org.apache.spark.util.SparkThreadUtils$.awaitResult(SparkThreadUtils.scala:56)
        at org.apache.spark.util.ThreadUtils$.awaitResult(ThreadUtils.scala:310)
        at org.apache.spark.rpc.RpcTimeout.awaitResult(RpcTimeout.scala:75)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRefByURI(RpcEnv.scala:102)
        at org.apache.spark.rpc.RpcEnv.setupEndpointRef(RpcEnv.scala:110)
        at org.apache.spark.util.RpcUtils$.makeDriverRef(RpcUtils.scala:36)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.driverEndpoint$lz
ycompute(BlockManagerMasterEndpoint.scala:124)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$driverEndpoint(BlockManagerMasterEndpoint.sc
ala:123)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$l
zycompute$1(BlockManagerMasterEndpoint.scala:688)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.isExecutorAlive$1
(BlockManagerMasterEndpoint.scala:687)
        at org.apache.spark.storage.BlockManagerMasterEndpoint.org$apache$spark$
storage$BlockManagerMasterEndpoint$$register(BlockManagerMasterEndpoint.scala:72
5)
        at org.apache.spark.storage.BlockManagerMasterEndpoint$$anonfun$receiveA
ndReply$1.applyOrElse(BlockManagerMasterEndpoint.scala:133)
        at org.apache.spark.rpc.netty.Inbox.$anonfun$process$1(Inbox.scala:103)
        at org.apache.spark.rpc.netty.Inbox.safelyCall(Inbox.scala:213)
        at org.apache.spark.rpc.netty.Inbox.process(Inbox.scala:100)
        at org.apache.spark.rpc.netty.MessageLoop.org$apache$spark$rpc$netty$Mes
sageLoop$$receiveLoop(MessageLoop.scala:75)
        at
org.apache.spark.rpc.netty.MessageLoop$$anon$1.run(MessageLoop.scala:41)
        … 3 more
```

```
Caused by: org.apache.spark.rpc.RpcEndpointNotFoundException: Cannot find
endpoint: spark://CoarseGrainedScheduler@192.168.1.62:64070
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1(NettyRpcEnv.scala:148)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$asyncSetupEndpointRef
ByURI$1$adapted(NettyRpcEnv.scala:144)
        at scala.concurrent.Future.$anonfun$flatMap$1(Future.scala:307)
        at
scala.concurrent.impl.Promise.$anonfun$transformWith$1(Promise.scala:41)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(Promise.scala:288)
        at
scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at
scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(Promise.scala:288)
        at
scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
        at
scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.impl.Promise.$anonfun$transform$1(Promise.scala:33)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at scala.concurrent.BatchingExecutor$Batch.processBatch$1(BatchingExecut
or.scala:67)
```

```
        at scala.concurrent.BatchingExecutor$Batch.$anonfun$run$1(BatchingExecut
or.scala:82)
        at
scala.runtime.java8.JFunction0$mcV$sp.apply(JFunction0$mcV$sp.java:23)
        at
scala.concurrent.BlockContext$.withBlockContext(BlockContext.scala:85)
        at
scala.concurrent.BatchingExecutor$Batch.run(BatchingExecutor.scala:59)
        at scala.concurrent.Future$InternalCallbackExecutor$.unbatchedExecute(Fu
ture.scala:875)
        at scala.concurrent.BatchingExecutor.execute(BatchingExecutor.scala:110)
        at
scala.concurrent.BatchingExecutor.execute$(BatchingExecutor.scala:107)
        at
scala.concurrent.Future$InternalCallbackExecutor$.execute(Future.scala:873)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(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.scala:187)
        at
org.apache.spark.rpc.netty.NettyRpcEnv.onSuccess$1(NettyRpcEnv.scala:225)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5(NettyR
pcEnv.scala:239)
        at org.apache.spark.rpc.netty.NettyRpcEnv.$anonfun$askAbortable$5$adapte
d(NettyRpcEnv.scala:238)
        at scala.concurrent.impl.CallbackRunnable.run(Promise.scala:64)
        at
org.apache.spark.util.ThreadUtils$$anon$1.execute(ThreadUtils.scala:99)
        at scala.concurrent.impl.ExecutionContextImpl$$anon$4.execute(ExecutionC
ontextImpl.scala:138)
        at
scala.concurrent.impl.CallbackRunnable.executeWithValue(Promise.scala:72)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1(P
romise.scala:288)
        at scala.concurrent.impl.Promise$DefaultPromise.$anonfun$tryComplete$1$a
dapted(Promise.scala:288)
        at
scala.concurrent.impl.Promise$DefaultPromise.tryComplete(Promise.scala:288)
        at scala.concurrent.Promise.complete(Promise.scala:53)
        at scala.concurrent.Promise.complete$(Promise.scala:52)
```

```
        at
scala.concurrent.impl.Promise$DefaultPromise.complete(Promise.scala:187)
        at scala.concurrent.Promise.success(Promise.scala:86)
        at scala.concurrent.Promise.success$(Promise.scala:86)
        at
scala.concurrent.impl.Promise$DefaultPromise.success(Promise.scala:187)
        at org.apache.spark.rpc.netty.LocalNettyRpcCallContext.send(NettyRpcCall
Context.scala:50)
        at org.apache.spark.rpc.netty.NettyRpcCallContext.reply(NettyRpcCallCont
ext.scala:32)
        at org.apache.spark.rpc.netty.RpcEndpointVerifier$$anonfun$receiveAndRep
ly$1.applyOrElse(RpcEndpointVerifier.scala:31)
        … 8 more
25/11/27 08:16:30 ERROR Executor: Exit as unable to send heartbeats to driver
more than 60 times
```

2   Log of Compulsory Work

For this assignment, I expanded my Streamlit application with several analytical pages and reorganised the entire structure into three clear sections: Explorative, Anomalies, and Predictive. This restructuring helped keep the workflow logical as the app grew more complex.

I began with the Map Explorer, where I downloaded and prepared the GeoJSON file for Norwegian price areas. I built a Folium choropleth that colors each area based on mean production or consumption for the selected groups and date range. To make the map interactive, I added polygon detection using Shapely, persistent click markers, and a log that stores snapshot information—coordinates, selected groups, time interval, and the mean at the moment of the click. I also made the log scroll only when needed and ensured that clicking inside an area updates the global sidebar state. Fine-tuning the colormap, preventing it from breaking when vmin = vmax, and handling clicks outside Norway all required multiple adjustments.

Next, I implemented the Snow Drift page. I moved all snow-drift calculations into a dedicated module and rewrote the seasonal logic so that each snow year runs from 1 July to 30 June, as required. I fixed several issues related to ERA5 downloads, time zones, and incorrect season boundaries. The combined yearly–monthly Qt plot went through several redesigns until the yearly bars matched the snow-year width and the monthly line extended correctly to June of the next year. I also added an overlay/grouped toggle and applied my custom Plotly colors to match the visual style of the rest of the app.

The Sliding-Window Correlation (SWC) page was inspired by the course example but recreated fully in Plotly. I added selectors for meteorology variable, energy group (based on what the user chose in the global sidebar), month, lag, and window length. Aligning weather and energy time series required removing timezone awareness and reindexing both frames. The final three-panel layout includes highlightable windows and a dynamically updated correlation marker.

Finally, I developed the SARIMAX forecasting page under the Predictive section. The user can choose the full training window, forecast horizon, and multiple exogenous meteorological variables. Getting SARIMAX to run reliably required solving several index-alignment errors. I rewrote the exogenous-variable preparation so that training and forecast matrices always have the correct shapes

and timestamps. Once the model fit successfully, I added a Plotly forecast plot with confidence intervals as well as AIC/BIC reporting.

Overall, the assignment involved a lot of debugging, refactoring, and careful alignment of time series, but thefinal result is a well-structured app with clear explorative, anomaly-detection, and forecasting components.

2.1 SWC Findings

When exploring the sliding-window correlation for NO1 in January 2024, I generally observed a negative relationship between temperature and electricity consumption—colder periods tended to coincide with higher demand. During the coldest days, this negative correlation appeared to become stronger (sometimes around –0.8), which fits reasonably well with the sharp temperature drop that month.

In normal conditions, adjusting the lag did not seem to change the correlation much. However, around the extreme-cold period, the highest correlations often occurred with a 6–12 hour lag, which might reflect slower thermal responses in buildings. For thermal production, the strongest correlation usually appeared at lag = 0, suggesting little or no delayed effect.

Overall, the correlation patterns seemed more pronounced during extreme weather, and lag effects became more noticeable.