

Certification Exam



You have passed the quiz!

Your score:

54 of 75 Correct (72%)

Elapsed time:

59 minutes

75 of 75 questions answered

Hide Answers

Question 1: ✓ Correct answer	
What is the purpose of the PythonOperator in Airflow	/?

ſ				Dython					
ι	 TO	acb	тоу	T y ti TOTT	paul	nages	10	Terriote	3017013

- ☐ To schedule Python scripts to run on a regular basis
- ☐ To manage Python virtual environments for Airflow tasks
- ▼ To execute Python code as a task in a DAG

Question 2: **★** Incorrect answer

```
from airflow import DAG
from airflow.operators.python_operator import PythonOperator
from datetime import datetime

with DAG(
    'basic_python_dag',
    schedule_interval='@daily',
    catchup=False
):

    python_task = PythonOperator(
        python_callable=lambda: print('Hello Learner!')
    )
```

Which of the following issues would cause this DAG to produce an error? (select all that apply)

\checkmark	The PythonOperator is missing a task_id parameter
Y	The value assigned to the python_callable parameter has an error
	The tags parameter is missing
V	The start_date parameter is missing

Question 3: ✓ Correct answer What is the default timezone in Airflow?

	the user's	local	timez	one
	EST			
Y	UTC			
	AEST			

Question 4: ✓ Correct answer

What are the core architectural components of Airflow? (select all that apply)

- ✓ A web server✓ A scheduler
- ☑ A metadata database
- ✓ An executor
- □ DAGs
- ☐ A NoSQL database

Question 5: ✓ Correct answer

Once a DAG has a unique ID, the next step is to define when it will start being scheduled. Let's consider the scenario where the goal is to start scheduling the DAG as of 2023/01/01. Which of the following parameters would accomplish this?

□ schedule_interval=datetime(2023, 1, 1)
□ start_date='2023/01/01'
□ start_date=datetime(1 , 1, 2023)
✓ start_date=datetime(2023, 1 , 1)
Question 6: X Incorrect answer What mode is considered best practice to use when a sensor's poke_interval parameter value is set to a very short duration (< 5 minutes)?
✓ reschedule
Question 7: ✔ Correct answer A member of a data team has a SQL script that aggregates data about their company's previous day's performance. They want to schedule the SQL script to run every day at midnight. Is this scenario a use case for Airflow?
□ No
✓ Yes
Question 8: ✔ Correct answer Examine the DAG Below:

```
from airflow import DAG
from airflow.operators.bash import BashOperator
from datetime import datetime, timedelta
dag = DAG(
    'basic_bash_dag',
    schedule_interval='@daily',
    start_date=datetime(2023, 1, 1),
    catchup=False,
)
task_1 = BashOperator(
    task_id='task_1',
    bash_command='1s',
    dag=dag,
)
task_2 = BashOperator(
    task_id='task_2',
    bash_command='pwd',
    dag=dag,
)
task_1 >> task_2
```

Assuming the current date is 2023/01/04, how many DAG runs will occur right after the DAG is triggered?

4

Y 1

□ 2

Question 9: **★** Incorrect answer

Assume a data team member has added task_b to the DAG below:

```
from airflow import DAG
from airflow.operators.bash operator import BashOperator
from datetime import datetime
dag = DAG(
    'data_dag',
    start_date=datetime(2023, 1, 1),
    catchup=False,
)
task_a = BashOperator(
    task_id='task_a',
    bash_command='echo "Executing task A"',
    dag=dag,
)
#This task was added
task_b = BashOperator(
    task_id='task_b',
    bash_command='echo "Executing task B"',
    dag=dag,
)
task_a >> task_b
```

The team member doesn't see the new task in the DAG on the Airflow UI. What could be the cause?

- ☐ Airflow has a default delay of up to 30 seconds to detect a new task in a DAG.
- ☐ The schedule interval parameter is missing
- ☐ The task dependency setup is incorrect.
- Airflow has a default delay of up to 5 minutes to detect a new task in a DAC.

Question 10: ✓ Correct answer

Examine the Airflow UI below:



Is it possible to determine which tasks have failed across all DAG runs of a single DAG using the "Recent Tasks" column?

✓ No

□ Yes

Question 11: ✓ Correct answer

Which of the following are valid values for scheduling a DAG in Airflow? (select all that apply)

\checkmark	Timedelta
Y	Cron
	Integers
	Calendar
A r	nestion 12: ✔ Correct answer member of a data team writes a Python script that downloads data from an API and stores it in a database on a lily basis. Is this scenario a use case for Airflow?
Y	Yes
	No
	nestion 13: ✔ Correct answer nich of the following Airflow CLI commands is necessary to run to create the metadata database?
	airflow db check
Y	airflow db init
	airflow db start
	airflow db reset
Wł	nestion 14: ✔ Correct answer nat is the role of the executor in Airflow ?
	It executes tasks.
	It defines how tasks are executed and on which system.
	It deletes unwanted tasks.
	It schedules tasks.
As	lestion 15: ✔ Correct answer sume a DAG needs to process data one month before the value of the DAG's start_date parameter. Which the following Airflow CLI commands is the best way to accomplish this?
	airflow dags trigger
	airflow dags backfill
	It is not possible in Airflow
	airflow dags run
	nestion 16: ✔ Correct answer nat method allows an Airflow user to get data from an XCom?
	By executing the method xcom_add
Y	By executing the method xcom_pull

□ By executing the method xcom_push
□ By providing the data to the xcom parameter of the DAC object
Question 17: X Incorrect answer In a bank setting, a DAG is designed to process awaiting transfers. To accomplish this, the DAG should be triggered every 4 hours, starting from the date datetime(2023, 1, 1). What value should be assigned to the schedule_interval DAG parameter to achieve this scheduling frequency?
✓ schedule_interval='0 4 * * *'
□ schedule_interval='/4 * * * *'
□ schedule_interval=timedelta(hours=4)
□ schedule_Interval='4'
Question 18: ✔ Correct answer What language is Airflow primarily written in?
□ Java

□ Ruby
Question 19: ✓ Correct answer

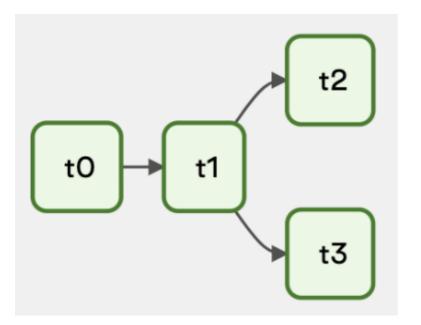
```
from airflow import DAG
from airflow.operators.bash_operator import BashOperator
from datetime import datetime
with DAG(
    'data_dag',
    schedule='@daily'
    catchup=False
):
    task_a = BashOperator(
        task_id='task_a',
        bash_command='echo "Executing task A"'
    )
    task_b = BashOperator(
        task_id='task_b',
        bash_command='echo "Executing task B"'
    )
  task_a >> task_b
```

Vould this DAG be able to run properly?
Yes
☑ No
Question 20: Correct answer After several weeks of testing, a data team has decided to use Airflow in their tech stack. Before getting started, hey need to communicate with their DevOps team to set up an Airflow instance on Linux Ubuntu OS. However, he DevOps team needs to know which version of Python is currently running on the environment that the data eam has been testing.
Which of the following Airflow CLI commands would quickly allow the team to know what version of Python the environment is running?
□ airflow standalone
□ airflow python version
airflow version
airflow info
victomer hits a hutton on a form. This means that the DAC should not be esheduled. Which of the following
customer hits a button on a form. This means that the DAG should not be scheduled. Which of the following values for the schedule_interval parameter of the DAG accomplishes this? Schedule_interval=None
values for the schedule_interval parameter of the DAG accomplishes this?
values for the schedule_interval parameter of the DAG accomplishes this? schedule_interval=None
values for the schedule_interval parameter of the DAG accomplishes this? schedule_interval=None schedule_interval='@once'
values for the schedule_interval parameter of the DAG accomplishes this? schedule_interval=None schedule_interval='@once' schedule_interval='@never'
values for the schedule_interval parameter of the DAG accomplishes this? Schedule_interval=None schedule_interval='@once' schedule_interval='@never' sehedule_interval='' Question 22: ✓ Correct answer
values for the schedule_interval parameter of the DAG accomplishes this? Schedule_interval=None schedule_interval='@once' schedule_interval='@never' schedule_interval=" Question 22: ✓ Correct answer n which of the following places do Airflow users set up the dependencies between tasks in a DAG?
values for the schedule_interval parameter of the DAG accomplishes this? Schedule_interval=None Schedule_interval='@once' Schedule_interval='@never' Schedule_interval=" Question 22: ✓ Correct answer In which of the following places do Airflow users set up the dependencies between tasks in a DAG? In a separate configuration file
values for the schedule_interval parameter of the DAG accomplishes this? schedule_interval='Mone' schedule_interval='Mone' schedule_interval='Monever' schedule_interval=' Question 22: ✓ Correct answer in which of the following places do Airflow users set up the dependencies between tasks in a DAG? In a separate configuration file In the Airflow UI
ralues for the schedule_interval parameter of the DAG accomplishes this? schedule_interval=None schedule_interval='@once' schedule_interval='@never' schedule_interval=" Question 22: ✓ Correct answer which of the following places do Airflow users set up the dependencies between tasks in a DAG? In a separate configuration file In the Airflow UI In a Python file in the 'includes' directory
ralues for the schedule_interval parameter of the DAG accomplishes this? schedule_interval='@once' schedule_interval='@never' schedule_interval=" Question 22: ✓ Correct answer in which of the following places do Airflow users set up the dependencies between tasks in a DAG? In a separate configuration file In the Airflow UI In a Python file in the 'includes' directory In the DAG file itself Question 23: ✓ Correct answer An Airflow variable was created using an environment variable and is not visible on the Airflow UI. Can it still be

Quest	ion 24: ≭ Incorrect answer
What	types of data can be stored in an Airflow variable? (select all that apply)
□ Int	egers
 ✓ JS	ON
□ Py	thon Dataclasses
□ Stı	rings
Quest	ion 25: ≭ Incorrect answer
Which	of the following is a valid way to create a data pipeline in Airflow? (select all that apply)
□ Us	ing the DAG class and defining the dag parameter in an operator
♂ Cr	eating a Python function called DAC
 Us	ing with DAG()
☑ Us	ing the @dag decorator
Which	ion 26: ✔ Correct answer of the following DAG schedule_interval parameter Cron values would cause a DAG to run every day night? (select all that apply)
☑ @¢	daily
0 0 0) * * 0
☑ 0 0) * * *
0 *	* * *
Quest	ion 27: ✔ Correct answer
A men	nber of a data team is tasked with checking whether multiple data pipelines have failed every morning. If
-	ave, then they have to rerun them manually. They are looking for a data tool that offers automated
notific	ations when something goes wrong with the data pipelines. Is this scenario a use case for Airflow?
□ No	
✓ Ye	s
If a DA	ion 28: ✔ Correct answer AG has a schedule_interval parameter with the value of @daily and a catchup parameter with the of True , how far back in time will Airflow try to catch up on missed DAG runs?
✓ AII	days from the set `start_date` parameter value of the DAG
□ On	e week
□ On	le day
□ On	re month

Question 29: ✔ Correct answer

What task dependency relationship results in the following DAG?



- \Box [t0, t1] >> [t2, t3]
- \Box {t0, t1} >> t2 >> t3
- \Box t0 >> t1 >> t2 >> t3
- **☑** t0 >> t1 >> [t2, t3]

Question 30: ✓ Correct answer

Assume a new DAG was just added to an Airflow instance. What is the default amount of time required for the new DAG to appear on the Airflow UI?

- ☐ 1 second
- ☐ 1 minute
- ✓ 5 minutes
- □ 30 seconds

Question 31: **★** Incorrect answer

Take a look at the code below from a .env file that creates a Snowflake connection:

AIRFLOW_CONN_SNOWFLAKE_CONN='snowflake://LOGIN:PASSWORD@/?account=xy12345®ion=eu-centra

What is the connection Id?

- ☐ CONN_SNOWFLAKE_CONN
- Mairflow Conn Snowflake Conn
- □ SNOWFLAKE
- □ SNOWFLAKE_CONN

Question 32: ✓ Correct answer

What is the purpose of setting dependencies between tasks in Airflow?
☐ To increase the parallelism of task execution.
☐ To improve the performance of the Airflow scheduler.
▼ To ensure that tasks are executed in the correct order.
☐ To reduce the likelihood of task failures.
Question 33: ✔ Correct answer Which of the following is a valid way to create a connection in Airflow? (select all that apply)
✓ Airflow CLI
☑ Environment Variables
☑ Airflow UI
□ Inside of a XCom
Question 34: ✔ Correct answer What is an Airflow provider?
Operators that are part of core Airflow, like the PythonOperator and the BashOperator.
☐ A configuration in Airflow that allows users to control the number of tasks running at a time.
☐ A Docker image that installs Airflow.
✓ A separate Python package that extends Airflow's functionality, in most cases by integrating with external systems or services.
Question 35: ★ Incorrect answer What method allows an Airflow user to add data to XComs?
□ By executing the method xcom_add
∀ By executing the method xcom_pull
☐ By executing the method xcom_push
□ By providing the data to the xcom parameter of the DAC object
Question 36: ★ Incorrect answer Examine the DAG below:

```
from airflow import DAG
from airflow.operators.bash operator import BashOperator
from datetime import datetime
# Define the DAG instance
dag = DAG(
    'basic_bash_dag',
    start_date=datetime(2023, 1, 1),
    schedule_interval='@daily',
    catchup=False,
)
# Define the BashOperator tasks
task_1 = BashOperator(
    task_id='task_1',
    bash_command='echo "Executing task 1"',
    dag=dag,
)
task_2 = BashOperator(
    task_id='task_2',
    bash_command='echo "Executing task 2"',
    dag=dag,
)
# Set task dependencies
task_1 >> task_2
```

Which of the following ways allows the code to avoid defining a DAG object in all operators (dag=dag)? (select all that apply)

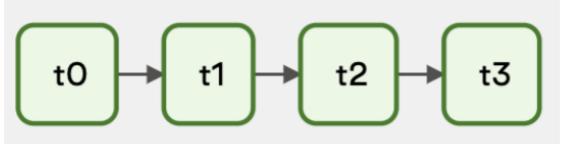
- □ By defining tasks within a function decorated by @dag
- By creating a default_argument dictionary
- By giving all tasks the same task id
- By instantiating the DAG object with the context manager with

Question 37: ✓ Correct answer

What is the purpose of the default_args parameter in a DAG?

- ☐ It specifies the schedule interval of a DAC.
- ☐ It specifies the operator a DAC will use.
- ☐ It specifies a dictionary of default parameters for at max one task in a DAG.
- It specifies a dictionary of default parameters for all tasks in a DAG.

Assume there is a DAG with four tasks labeled t0, t1, t2, and t3. Is writing the DAG's task dependency as t0 >> t1 >> t2 >> t3 equivalent to writing t3 << t2 << t1 << t0? □ No ✓ Yes Question 39: ✓ Correct answer Assume an Airflow instance has a variable named my_json which stores a JSON value. Which of the following would fetch the variable in a DAG as a JSON object? □ Variable.get(my json) □ Variable.retrieve('my json', deserialize json=True) □ Variable.get('my json') ✓ Variable.get('my_json', deserialize_json=True) Question 40: ✓ Correct answer What task dependency relationship results in the following DAG? (select all that apply)



- \Box t0 >> [t1, t2, t3]
- \Box t0 >> [t1, t2] >> t3
- **☑** t3 << t2 << t1 << t0
- **☑** t0 >> t1 >> t2 >> t3

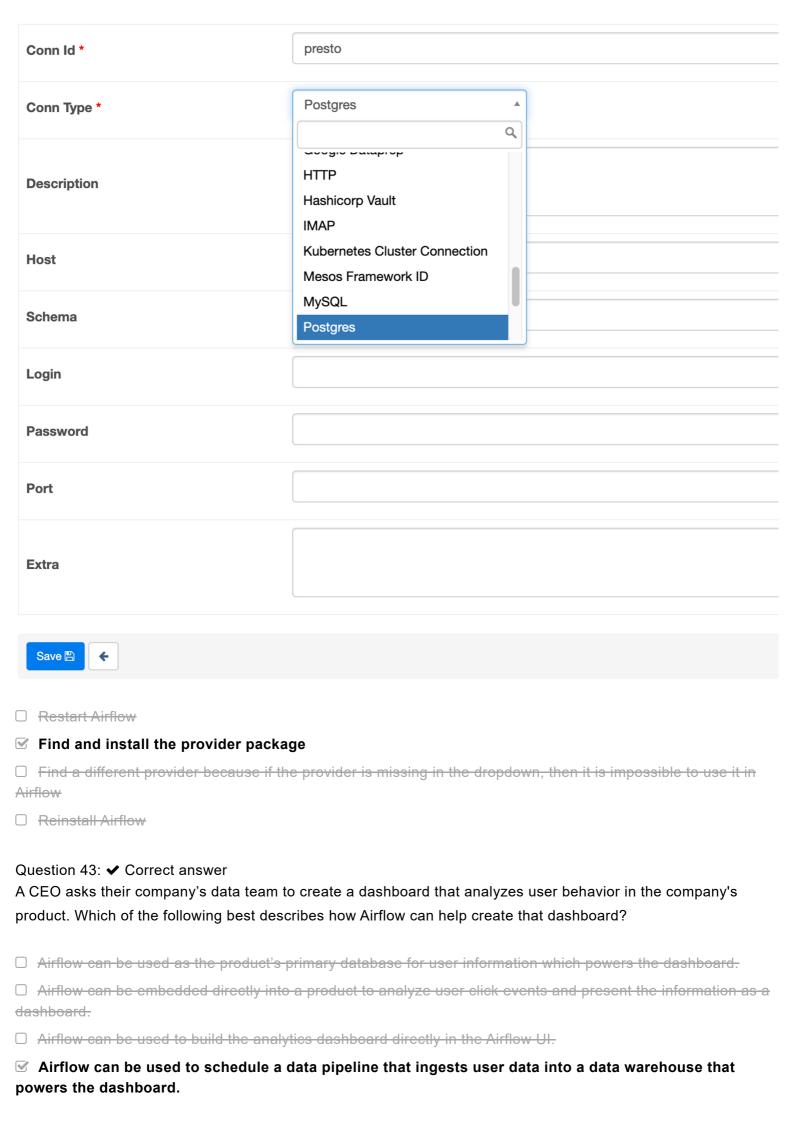
Question 41: **★** Incorrect answer

What is a limitation of using XComs? (select all that apply)

- ☐ XComs are the only way to share data between tasks.
- ▼ The amount of data that can be given to an XCom is limited.
- ☐ There must be a defined DAG with at least one associated task to create an XCom.
- XComs can only be used with a maximum of two tasks in a DAC.

Question 42: ✓ Correct answer

Assume a data team member is building a connection in Airflow. They notice the provider they are trying to use (e.g., Presto) is missing from the dropdown in the UI (shown below). What should they do?



	estion 44: ✔ Correct ans nat is the typical journey o							
	Queued → Scheduled →	Running -	Success/Failur	e				
Y	No status $ o$ Scheduled $ o$ Queued $ o$ Running $ o$ Success/Failure							
	Scheduled → Queued →	Running -	Success/Failur	е				
	No status → Queued →	Scheduled -	→ Running → St	uccess/Failu	re			
As	estion 45: x Incorrect ansume there is a DAG with [t0, t1] >> [t2, t3]	four tasks	abeled t0, t1, t2	, and t3. Woเ	uld writing the DAG's ta	sk dependency		
Y	Yes							
	No							
WI	estion 46: Correct ans nat is the purpose of the lit determines the schedult determines whether the lit determines the number	catchup pa le interval fo e DAG shou	or the DAG.		-future.			
	estion 47: X Incorrect and amine the Airflow UI below							
	DAG 🗘	Owner 🗘	Runs (1)	Schedule	Last Run (i)	Next Run 💲 🕦		
	check_dag data-engineering-team	airflow	\bigcirc 2 \bigcirc 2 \bigcirc	@daily i	2023-08-08, 15:51:09 (i)	2023-08-08, 00:00:00		
WI	nat does the "Last Run" co	olumn repre	sent?					
	The interval of time betw	cen each D	AG run.					
	The start date/time of the	he latest D	AG run.					
Y	The end date/time of the	most recen	t DAG run.					
	The date when the DAG	is schedule	d to run next.					
	estion 48: ✔ Correct ans nich of the following best o		hat a Sensor Op	erator does?	,			
	It provides various utility	functions to	support workflo	w managem	ent			
	It evaluates conditions and determines the path a workflow should take							
Y	It waits for a certain co	ndition to b	e met before p	roceeding w	vith a workflow			

☐ It sends notifications or alerts during the execution of a workflow

Question 49: X Incorrect answer

What Airflow CLI command runs a task without checking for dependencies or recording its state in the metadata database?

airflow tasks test

airflow standalone

☐ airflow dags test

Question 50: ✓ Correct answer

A DAG was designed to fetch data from files coming from different data sources. The DAG has to be triggered every day at 7:00 AM. What value should be assigned to the **schedule_interval** DAG parameter to achieve this scheduling frequency?

□ schedule interval=timedelta(hours=6)

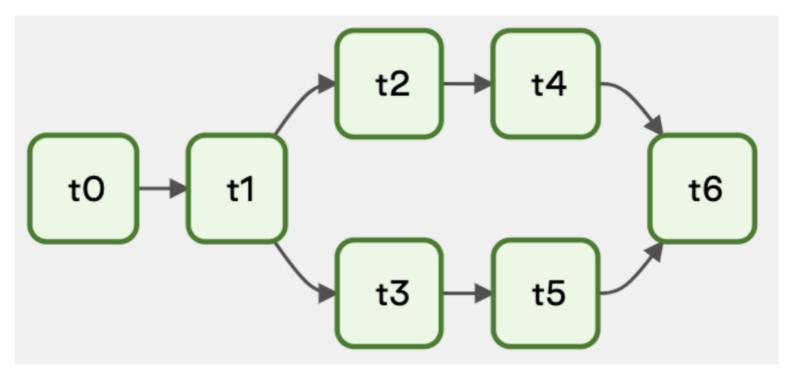
✓ schedule_interval='0 7 * * *'

□ schedule interval='7 * * * *'

□ schedule interval=timedelta(hours=7)

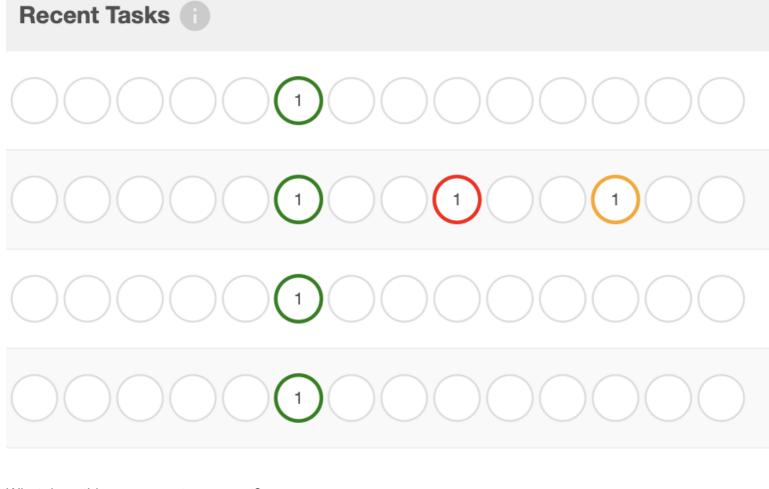
Question 51: **★** Incorrect answer

What task dependency relationship results in the following DAG?



- \Box t0 >> t1 >> [t2, t3] >> [t4, t5] >> t6
- \Box {t0, t1} >> t2 >> t3 >> t4 >> [t5, t6]
- ehain(t0, t1, [t2, t4], [t3, t5], t6)
- □ chain(t0, t1, [t2, t3], [t4, t5], t6)

Question 52: ✔ Correct answer What is the purpose of an Airflow variable? (select all	that apply)	
☐ To store large amounts of data		
☐ To store a XCom		
▼ To reuse a value across multiple DAGs		
▼ To avoid hardcoding a value		
Question 53: ✔ Correct answer Examine the Airflow error below:		
DAG Import Errors (1)	•	^
Broken DAG: [/usr/local/airflow/dags/test.py] Trace File "/usr/local/lib/python3.9/site-packages/airflodag.add_task(self) File "/usr/local/lib/python3.9/site-packages/airfloraise AirflowException("DAG is missing the startairflow.exceptions.AirflowException: DAG is missing	w/models/baseoperator.py [*] , line 1039, in dag w/models/dag.py", line 2328, in add_task :_date parameter")	
Which of the following is likely to resolve this error?		
☐ Importing the correct DAG object		
☐ Changing the format of the start_date parameter		
✓ Adding a start_date parameter to the DAG		
☐ There is not enough information from the error to	solve the error	
Question 54: ✔ Correct answer Examine the Airflow UI component below:		



What does this component represent?

	Tho	ototuo	of		futuro	$D \wedge C$	RLIDO
-	THE	วเสเนว	ਯ	an	TULUIC	$D \cap C$	Turio.

Only failed, success, or skipped task statuses from all active or most recent DAC runs.

Mail of the statuses of tasks from all active or most recent DAG runs.

☐ The status of all previous DAC runs.

Question 55: **★** Incorrect answer

Assume a member of a data team working with Airflow added a new DAG file into the /dags folder but reports that it doesn't show up on the Airflow UI. Which of the following could be causing the issue? (select all that apply)

- ☑ The code in the DAG does not contain any words, including "airflow" or "dag".
- ☑ Airflow has a default delay of 5 minutes before Airflow acknowledges the new DAG file.
- The Airflow instance must be restarted for the DAC to show up on the UI.
- ☑ The .airflowignore file has the name of the file in it.

Question 56: **★** Incorrect answer

What is the default value for the **start_date** parameter of a DAG?

		The parameter h	ias to be ex	plicitly set and	has no	default valu
--	--	-----------------	--------------	------------------	--------	--------------

- ☐ The current date and time of a users location (e.g., New York).
- ☐ The current UTC date and time.

Question 57: ✔ Correct answer Which of the following is the correct way to define an Airflow variable using an environment variable with the name customer_folder and the value 'my_folder'?
□ CUSTOMER_FOLDER='my_folder'
□ AIRFLOW_CUSTOMER_FOLDER='my_folder'
□ AIRFLOW_VARIABLE_CUSTOMER_FOLDER='my_folder'
✓ AIRFLOW_VAR_CUSTOMER_FOLDER='my_folder'
Question 58: X Incorrect answer Assume an Airflow variable with the name airtable_api_key was created via the Airflow UI. Will the variable's value be hidden on the Airflow UI?
☐ Yes ☑ No
Question 59: ✓ Correct answer Take a look at the code below from a .env file that creates a PostgreSQL connection:
AIRFLOW_CONN_POSTGRES='my-conn-type://login:password@host:port/schema?param1=val1¶m2=v
◀
Is this the correct way to create a connection using an environment variable?
✓ Yes
Question 60: ✓ Correct answer In a typical Airflow setup, what folder is parsed by the scheduler for new DAG files?
☐ The /airflow folder
□ The /plugins folder
☐ The /include folder
□ The /include folder Question 61: ✓ Correct answer Assume there is a DAG with defined task dependencies running in an Airflow instance. What would be the most helpful Airflow UI view for an overview of the dependencies?
Question 61: ✔ Correct answer Assume there is a DAG with defined task dependencies running in an Airflow instance. What would be the most
Question 61: ✔ Correct answer Assume there is a DAG with defined task dependencies running in an Airflow instance. What would be the most

☑ Midnight on January 1, 1900.

Question 62: ✓ Correct answer

What mode is considered best practice to use when a sensor's **poke_interval** parameter value is set to greater than 5 minutes?

□ poke

✓ reschedule

Question 63: ✓ Correct answer

Assume a DAG experienced a bug, and a data team needed to pause the DAG to fix it. The bug took 3 days to fix. The DAG is scheduled to be triggered every day and has a DAG start_date parameter value of 2023/01/05 00:00. The current date after the fix is 2023/01/08 10:00. If the DAG is unpaused; how many running DAG runs will occur if the DAG catchup parameter value is set to True?

□ 2

☑ 3

4

4

Question 64: **★** Incorrect answer Examine the **SqlSensor** below:

```
waiting_for_table = SQLSensor(
  task_id='waiting_for_table',
  conn_id='postgres',
  sql='sql/CHECK_TABLE.sql',
  poke_interval=30
)
```

The goal of the sensor is to expect data to arrive in a SQL table every 30 minutes. Is the sensor configured correctly to accomplish this goal?

Yes

□ No

Question 65: **★** Incorrect answer

```
from airflow import DAG
from airflow.operators.python operator import PythonOperator
from datetime import datetime
with DAG(
    'five_task_dag',
    start_date=datetime(2023, 1, 1)
    catchup=False,
):
    task_a = PythonOperator(
        task_id='task_a',
        python_callable=lambda: print('Executing Task A'),
    )
    task_b = PythonOperator(
        task_id='task_b',
        python_callable=lambda: print('Executing Task B'),
    )
    task_c = PythonOperator(
        task_id='task_c',
        python_callable=lambda: print('Executing Task C'),
    )
    task_d = PythonOperator(
        task_id='task_d',
        python_callable=lambda: print('Executing Task D'),
    )
    task e = PythonOperator(
        task_id='task_e',
        python_callable=lambda: print('Executing Task E'),
    )
    [task_a, task_b] >> task_e
    [task_c, task_d] >> task_e
```

How many tasks will run at the same time if this DAG is unpaused?

₹35

□ 4

Question 66: ✓ Correct answer

```
from airflow.decorators import dag, task
  from airflow.utils.dates import datetime
  @dag(start_date=datetime(2023, 1, 1), catchup=False)
  def my_dag():
      @task
      def my_task():
           print('My task executed')
This DAG doesn't show up on the Airflow UI. Why?
☐ The start date parameter is incorrectly formatted
☐ The catchup parameter is set to False
☐ The schedule interval parameter is missing
Question 67: 	✓ Correct answer
What is the default timeout value of a sensor?
□ 1 minute
□ 1 day
☐ 7 hours

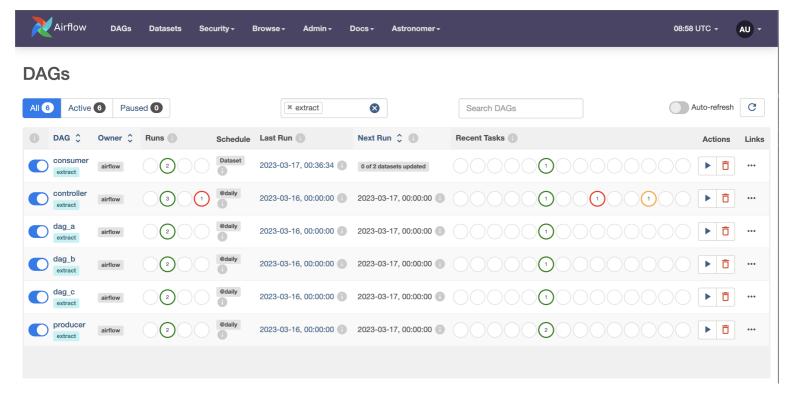
    ✓ 7 days

Question 68: 	✓ Correct answer
Assume an Airflow user lives in New York, which is in the timezone UTC-5, and defines the start_date
parameter of a DAG with a value of datetime(2023, 1, 1). Will the DAG be triggered at 00:00 on January
1st, 2023, in New York?
□ <del>Yes</del>

✓ No
Question 69:  Correct answer
What does it mean when a DAG's task has the status of queued?
The task has been assigned to an Executor and is awaiting a worker.
☐ The task is executed immediately.
☐ The task is waiting to be scheduled.
☐ The task is running in a worker.
```

Question 70: **★** Incorrect answer

Which parameters are optional when creating a new DAG object without using the <code>@dag</code> decorator? (select all that apply)
□ dag_id
□ start_date
□ default_args
Question 71: ✓ Correct answer Assume there is a DAG with five tasks labeled t0, t1, t2, t3, t4, and t5. Would writing the DAG's task dependency as [t0, t1] >> t2 >> [t3, t4] >> t5 work?
✓ Yes
Question 72: ✔ Correct answer Which of the following statements are true about a DAG in Airflow? (select all that apply)
☑ A DAG's nodes define its tasks, and the directed edges define the dependencies between those tasks.
☐ A DAG is a programming language used for data analysis.
☐ It is a good practice to have loops in a DAC.
☑ DAG stands for Directed Acyclic Graph.
Question 73: ✔ Correct answer Which feature in Airflow allows tasks to communicate with each other and share data?
□ Connections
□ Hooks
▼ XComs
□ Variables
Question 74: ✔ Correct answer Which of the following best describes what a Transfer Operator does?
✓ It moves or transfers data between different sources, destinations, or storage systems
☐ It evaluates conditions and determines the path the workflow should take
☐ It intakes and transforms data into a different format or structure
☐ It sends notifications or alerts during the execution of a workflow
Question 75: X Incorrect answer



There is no DAG with the tag "processing" visible. Why?

- ☐ There is a 5-minute default delay to see a new DAG
- Airflow is experiencing an error
- There is a 30-second default delay to see a new DAC
- There is a filter applied for tags

Was this page helpful?











Want feedback like this? Try Hotjar