Your grade: 90%

Your latest: **90%** • Your highest: **90%** • To pass you need at least 70%. We keep your highest score.

Next item →

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1. Which of these statements is TRUE about Apache Airflow?   **1 / 1 point**

○ Tasks in Apache Airflow can only be schedule and cannot be manually triggered.

○ You can only use one kind of operator in one DAG.

○ Apache Airflow is a data pipeline orchestration tool.

◉ Apache Airflow is a workflow management tool.

> ✓ **Correct**
> Correct! Apache Airflow is a great open-source workflow orchestration tool that is supported by an active community.

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2. Which component in the Apache Airflow architecture takes care of executing the tasks?   **1 / 1 point**

○ The web server

◉ The worker

○ The scheduler

○ The meta database

> ✓ **Correct**
> Correct! The worker takes care if executing the tasks

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3. In the DAG definition Python script, which of the following logical blocks might contain the 'from airflow import DAG' command?   **1 / 1 point**

○ DAG definition

◉ Library imports

○ Task pipeline

○ DAG arguments

> ✓ **Correct**
> Correct! The command imports the DAG module from the Airflow collection.

---

4. You have both operators and sensors that you can use with DAG for tasks. Which is of these operators can you use to run the script `datatranfer.sh`?   **1 / 1 point**

○ Python

○ Http

○ TriggerDagRunOperator

◉ Bash

> ✓ **Correct**
> Correct! BashOperator is used for running shell scripts from inside a DAG task.

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5. Which of the following advantages of Apache Airflow expressing workflows as code enables Git to track them?   **1 / 1 point**

◉ Versionable

○ Collaborative

○ Testable

○ Maintainable

6. Where can you access the 'Task Instance Context Menu' from?   **0 / 1 point**

- ○ Code view
- ⦿ Any of the DAG views that display details
- ○ Any of the DAG views that display task instances
- ○ Gantt

⊗ **Incorrect**
Incorrect. Review the Apache Airflow UI video.

7. The final block in your Airflow pipeline script is where you specify the dependencies for your workflow. How do you specify the order of task 1 and task 2?   **1 / 1 point**

- ○ >
- ⦿ >>
- ○ >=
- ○ //

✓ **Correct**
Correct! The double 'greater than' notation specifies that task two is downstream from task one, so task 1 runs first.

8. Which block specifies the DAG start date?   **1 / 1 point**

- ○ DAG definition
- ○ Task definitions
- ⦿ DAG arguments
- ○ Task pipeline

✓ **Correct**
Correct! The DAG arguments block is where you list the default DAG arguments like the start date, owner, and number of times it should keep trying if it failing.

9. Which of the following Airflow metrics could fluctuate?   **1 / 1 point**

- ○ Timers
- ⦿ Gauges
- ○ Counters
- ○ Air flows

✓ **Correct**
Correct! The gauge metrics may fluctuate as they record the number of currently running tasks and DAG bas sizes.

10. Which of the following Apache Airflow basic components serves the interactive UI?   **1 / 1 point**

- ⦿ Web server
- ○ Scheduler
- ○ DAG directory
- ○ Executor

✓ **Correct**
Correct! The web server serves Airflow's powerful interactive User Interface.