



First and last name

Question 1/20

What does the docker-compose up command do?

- A. Starts all services defined in the docker-compose.yml file
- B. Builds Docker images
- C. Removes containers
- D. Starts all services defined in the docker-compose.yml file

Question 2/20

In Docker Compose, what is the purpose of the volumes option in a service definition?

- A. Expose ports to the host
- B. Specify environment variables
- C. Define dependencies between services
- D. Mount host directories or named volumes into the container

Question 3/20

Which option allows you to override the default command specified in a Dockerfile when using Docker Compose?

- A. command
- B. entrypoint
- C. override
- D. args

Question 4/20

What is the purpose of the depends_on option in Docker Compose?

- A. Specify environment variables
- B. Define volumes
- C. Control the order of service startup
- D. Mount host directories

Question 5/20

Which command is used to scale a service in Docker Compose to multiple instances?

- A. docker-compose scale
- B. docker-compose up --scale
- C. docker-compose run --scale
- D. docker-compose up



Question 6/20

What is the purpose of the on keyword in a GitHub Actions workflow?

- A. Specifies the operating system to run the workflow on
- B. Defines the events that trigger the workflow
- C. Specifies the branch to run the workflow on
- D. Sets the schedule for the workflow

Question 7/20

What does the runs-on keyword specify in a GitHub Actions workflow?

- A. The branch to run the workflow on
- B. The operating system and hardware to run the job on
- C. The schedule for the workflow
- D. The environment variables for the job

Question 8/20

Which GitHub Actions keyword is used to define steps to run as part of a job?

- A. tasks
- B. steps
- C. run-steps
- D. actions

Question 9/20

What is Apache Airflow used for?

- A. Managing Docker containers
- B. Running automated tests
- C. Authoring, scheduling, and monitoring workflows
- D. Creating virtual environments

Question 10/20

What is a DAG in Apache Airflow?

- A. A type of database
- B. A configuration file
- C. A programming language
- D. A Directed Acyclic Graph representing a workflow

Question 11/20

How does Apache Airflow manage dependencies between tasks in a workflow?

- A. By using Docker containers
- B. By defining dependencies in the DAG definition
- C. By executing tasks randomly
- D. By using Kubernetes pods



Question 12/20

What is an Operator in Apache Airflow?

- A. A person who manages Airflow instances
- B. A built-in function to perform specific tasks
- C. A class that defines a task to execute within a DAG
- D. An external tool for monitoring Airflow workflows

Question 13/20

How does Apache Airflow schedule tasks within a workflow?

- A. Based on the defined schedule in the DAG definition
- B. Randomly
- C. Manually triggered by users
- D. Based on external events

Question 14/20

What does the docker-compose down command do?

- A. Starts all services defined in the docker-compose.yml file
- B. Stops all running containers and removes containers, networks, volumes, and images created by docker-compose up
- C. Builds Docker images
- D. Removes containers

Question 15/20

Which option can be used to specify build arguments in a Docker Compose file?

- A. args
- B. build-args
- C. arguments
- D. buildargs

Question 16/20

What does the if-error keyword do in GitHub Actions?

- A. Runs a step only if the previous step fails
- B. Checks if an error occurred in the workflow
- C. Skips all steps if an error occurs
- D. Logs errors from previous steps

Question 17/20

How can you trigger a GitHub Actions workflow on a schedule?

- A. Using the schedule keyword
- B. Defining a cron job in the workflow
- C. Configuring a webhook in the repository settings
- D. Using the cron keyword



Question 18/20

What is the purpose of the build keyword in Docker Compose?

- A. Specifies the build context for the Docker images
- B. Defines environment variables for services
- C. Specifies the restart policy for containers
- D. Builds Docker images for services

Question 19/20

What is the purpose of the docker-compose logs command?

- A. Builds Docker images
- B. Starts all services defined in the docker-compose.yml file
- C. Displays logs for services defined in the docker-compose.yml file
- D. Removes containers

Question 20/20

How do you specify a custom Dockerfile for a service in Docker Compose?

- A. Using the dockerfile keyword
- B. Using the file keyword
- C. Using the build keyword with the dockerfile option
- D. Using the context keyword