



First and last name

Question 1/10

What command is used to start containers defined in a Docker Compose file?

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

Question 2/10

Which command is used to stop and remove containers created by docker-compose up?

- A. docker rm
- B. docker stop
- C. docker-compose down
- D. docker-compose stop

Question 3/10

What does the following snippet define:

```
version: '3'
services:
  web:
    image: nginx:latest
    ports:
      - "80:80"
```

- A. Defines a service named "web" with the latest version of NGINX image and exposes port 80.
- B. Defines a network named "web" with NGINX as the latest version and exposes port 80.
- C. Defines a container named "web" with the latest version of NGINX image and maps port 80 internally.
- D. Defines a volume named "web" with NGINX as the latest version and maps port 80.

Question 4/10

What does the following Docker Compose code snippet accomplish?

```
version: '3'
services:
  app:
    build:
      context: .
      dockerfile: Dockerfile
```

- A. Defines a service named "app" and builds it using the Dockerfile in the current directory.
- B. Defines a service named "app" and pulls the latest image from Docker Hub.
- C. Defines a service named "app" and specifies the context for building the image.
- D. Defines a service named "app" and specifies the Dockerfile to use for building the image.



Question 5/10

In the following Docker Compose code snippet, what does the "volumes" section do?

```
version: '3'
services:
  db:
    image: mysql:latest
    volumes:
      - db_data:/var/lib/mysql
volumes:
  db_data:
```

- A. Maps the host directory /var/lib/mysql to the container directory db_data.
- B. Creates a volume named db_data and mounts it to the container's /var/lib/mysql.
- C. Copies the contents of the host directory /var/lib/mysql to the volume db_data.
- D. Defines a volume db_data but does not use it in the service.

Question 6/10

What is a Dockerfile used for?

- A. To build Docker images
- B. To run Docker containers
- C. To manage Docker volumes
- D. To configure Docker networks

Question 7/10

Which instruction in a Dockerfile is used to set the base image for subsequent instructions?

- A. FROM
- B. BASE
- C. IMAGE
- D. BASEIMAGE

Question 8/10

How can you override Docker Compose configuration options during runtime?

- A. By modifying the original Docker Compose file
- B. Using environment variables
- C. Editing the Docker Compose command-line options
- D. Configuration options cannot be overridden in Docker Compose

Question 9/10

What does the build keyword do in a Docker Compose service definition?

- A. Specifies the build context and Dockerfile for building the service image
- B. Defines environment variables for the service
- C. Specifies the image to use for the service
- D. Indicates the port mapping for the service



Question 10/10

How can you specify environment variables for a service in a Docker Compose file?

- A. Using the env keyword
- B. By adding a separate environment file
- C. Within the services section of the Docker Compose file
- D. All of the above