

Cloud Foundry Certified Developer

1. What are the default security groups in Cloud Foundry? (Choose all that apply)

A. private_networks

B. public_networks

C. dns

D. egress_networks

Answer(s): B,C

2. What command deletes a service broker?

A. Execute cf delete-service-key <BROKER_NAME>.

B. Execute cf delete <BROKER_NAME>.

C. Execute cf delete-service <BROKER_NAME>.

D. Execute cf delete-service-broker <BROKER_NAME>.

Answer(s): D

3. What does Restaging your application do?

A. Restaging your application requests a shutdown of your app instance.

B. Restaging your application stops your application and restages it, by compiling a new droplet and starting it.

C. Restaging is when Cloud Foundry automatically relocates app instances on VMs that are shutting down.

D. Restaging stops your application and restarts it with the already compiled droplet.

Answer(s): B

4. CF secures containers through which of the following measures? (Choose all that apply)

A. Only allowing limited inbound connections to public addresses from application containers.

B. Running application instances in privileged containers by default.

C. Only allowing outbound connections to public addresses from application containers.

D. Hardening containers by limiting functionality and access rights.

Answer(s): C,D

5. Where can you download the Cloud Foundry CLI from Pivotal?

A. Status

B. Tools

C. Blog

D. Marketplace

Answer(s): B

6. Which of the following best describes a traditional enterprise application? (Choose all that apply)

A. Rapid recovery

B. Right-sized capacity

C. Waterfall development

D. Over-sized capacity

E. Collaborative

Answer(s): C,D

7. What are some of the principles of CI/CD?

A. Releases are monolithic in nature.

B. Big Design Up Front.

C. Code is always ready to deploy.

D. Integration tests are run automatically

E. Integrating early and often.

F. It's obsolete.

G. Outcomes are unpredictable

Answer(s): C,D,E

8. Which command would you use to remove a security group when staging an application?

A. cf unbind-running-security-group

B. cf bind-staging-security-group

C. cf bind-security-group

D. cf unbind-staging-security-group

Answer(s): D

9. What command would you use to create a User-Provided Service Instances?

A. cf create-user-provided-service-binding <SERVICE_NAME> -p <PARAMETER>

B. cf create-service <SERVICE_NAME> -p <PARAMETER>

C. cf create-user-provided-service <SERVICE_NAME> -p <PARAMETER>

D. cf marketplace <SERVICE_NAME> -p <PARAMETER>

Answer(s): C

10. Which script determines whether or not to apply the buildpack to an app?

A. bin/finalize

B. bin/supply

C. bin/detect

D. bin/release

Answer(s): C

11. Which of these is not a part of the Agile Manifesto?

A. Individuals and Interactions more than processes and tools.

B. Working Software more than comprehensive documentation.

C. Responding to Change more than following a plan.

D. Save early save often.

E. Customer Collaboration more than contract negotiation.

Answer(s): D

12. How can you tell if ssh has been disabled for an app?

A. cf enable-ssh <APP_NAME>

B. cf ssh-enabled <APP_NAME>

C. cf allow-space-ssh <APP_NAME>

D. cf space-ssh-allowed <APP_NAME>

Answer(s): B

13. Why is getting code to production so Slow? (Choose all that apply)

A. The software is delivered too quickly and QA is unable to test changes fast enough.

B. Sometimes organizational policies can slow down deployments because of the layer of bureaucracy that it creates.

C. Having multiple environments can slow down releases because too much time is spent keeping them update today

D. Often production and development environments are not using the same version of a package or different backing services altogether.

Answer(s): B,D

14. Cloud Foundry what time of Container is created when you deploy and app?

A. A LXC container

B. A Garden container

C. A Docker container

D. A Rocket container

Answer(s): B

15. What does Traditional Infrastructure manage?

A. You manage everything.

B. It manages the Networking all the way to runtime.

C. It manages Networking to Virtualization.

D. It manages Networking all the way to the Application.

Answer(s): A

16. What is wrong with this manifest? applications:

A. Path is not a valid attribute.

B. The timeout needs to be specified.

C. The manifest is missing memory and disk_quota.

D. The environment variables FIRST_NAME and LAST_NAME need to be indented under env.

Answer(s): D

17. What steps would you take to bind a MongoDB backing service called mongodb-api to your API application called vulcan?

A. cf service mlab sandbox mongodb-api cf bind-service vulcan mongodb-api

B. cf create-service mlab sandbox mongodb-api cf service-bind vulcan mongodb-api

C. cf create-service mlab sandbox mongodb-api cf bind-service vulcan mongodb-api

D. cf create-service mlab sandbox mongodb-api cf bind-service mongodb-api

Answer(s): C

18. What are some of the common use cases for using a route service? (Choose all that apply)

A. Logging

B. API abstraction

C. Caching

D. Rate limiting

E. Bandwidth throttling

F. Authentication

G. Honeypot

Answer(s): A,C,D,F

19. What is the Cloud Foundry router called?

A. Gorouter

B. CFRouter

C. FlowRouter

D. DiegoRouter

Answer(s): A

20. Which role allows a user to deploy, run, and manage applications in Cloud Foundry?

A. Space Developer

B. Org Manager

C. Space Auditor

D. Space Manager

E. Org Developer

F. Org Auditor

Answer(s): A
