1. Why should one use micro service architecture?
   1. It’s easy to scale one micro service in comparision with another whenever required.
2. Where can one find API docs of Cloud Foundary ?
   1. <https://apidocs.cloudfoundry.org>
3. How can one access plugins developed for Cloud Foundary?
   1. <https://plugins.cloudfoundry.org/>
4. There is one instance of an application which writes a file to local system. It crashes and restarts again. Other two instance of the application are not impacted. How many instance would be able to access the file
   1. 1
   2. 2
   3. 3
   4. none
5. Which route will be created for the following command

cf create-route my-space shared-domain.example.com --hostname host

* 1. <http://host.shared-domain.example.com>

1. Which route will be created for the following command

cf create-route my-space shared-domain.example.com --hostname myapp

* 1. <http://myapp.shared-domain.example.com/bar> **(This is bit tricky)**

1. What is the end result of successfully deploying an application using cf push
   1. Health of the application
   2. Build pack used
   3. Command to start the app
   4. All
2. A question on UAA token.
3. What is a Cell?
4. What can you provide in User Created Services
   1. URL
   2. Login id
   3. Password
   4. All
   5. None
5. What is a loggerator?
   1. One inlet multiple sinks.
   2. It collect logs from STDOUT/STDERR
   3. A configurable log tool to store logs
6. Which stages a app goes through after cf push
   1. Detect build release
   2. Upload stage run
7. As per 12 factor cloud app development which is the correct scenario.
   1. One code base for all env.
8. As per 12 factor which of the following is true
   1. Explicitly declare and isolate dependencies.
9. Which of the following is an Environment variable
   1. CF\_INSTANCE\_IP\_ADDR
   2. VCAP\_APP \_PORT
   3. CF\_GUID
10. Which of the following is an example of stateful session
    1. Sticky session
11. How to achieve stateless session
    1. Using service like Relix
12. There is a host name given to an app in manifest.yml. while pushing application hostname is also given via cli. Which will override?
    1. CLI will override YML
13. When does Cloud Controller makes API Calls?
14. What is a droplet?
    1. A container in which application is ready to run
15. What is true for services?
    1. It can be attached to multiple application
16. How to resolve unable to resolve application type
    1. Should declare buildpack with cf push using –b
17. How should a developer collect logs.
    1. Write it to log files
    2. Stream logs
18. What role can a space manager perform but a space developer cannot
    1. Create and remove users
19. Where should a developer store MySQL connection variables
    1. Env Variables
20. Output of cf create-service command
    1. It just create a service instance in space
21. What happens when cf stop command is given
    1. It issues SIGTERM signal.
22. What is Application User Security?
23. Which Command is used to access any API in CLI
    1. Cf curl
24. What does application as a deployment unit mean?
    1. A developer only needs to deploy an application. The runtime, dependency etc is taken care by Pivotal Cloud Foundary
25. There are 4 env of an application. Experiment, Development, QA, Prod. How many time a code will be built
    1. 1
    2. 2
    3. 3
    4. 4
26. What are the valid state of application in PCF.
    1. Started, stopped, running, unknown
    2. Started, stopped, crashed, staging
    3. Starting, stopped, crashing, staging
27. Started, Unknown, staging, crashed What is the latest api endpoint of cloud controller api
    1. <https://apidocs.cloudfoundry.org>
    2. <https://www.cloudcontroller.org>
    3. <https://www.cloudcontroller.com>
28. What parameters we can set in manifest but not in cli during cf push?
    1. Stack
    2. Buildpack
    3. host
    4. Environment variables
29. How environment variables is exposed to the application
    1. As a VCAP\_application
    2. AS a oprating system variables
30. How can we achieve the zero-down time deployment without degrading the performance
    1. Create new application within the same sapce and same name and use existing url
    2. Create new application in the different space and use the existing url
    3. Create two application with the same name and switch the old route with the new one
    4. Create new application with different name and using existing url
31. What is the good way to inject the APM in pcf
    1. Using stack
    2. Using stemshell
    3. Bosh Deployment
    4. Buildpacks
32. Application security group rules for ip and port consist for
    1. Ingress
    2. Egress
    3. All traffic
    4. none
33. Use case question: Space manager can do but space developer cannot
34. When we bind any application with service what is does?
    1. We can see the service configuration in application environment variables.
35. You push the app and got some error in cli while application is available in space. What can be the possible reason behind it?
36. Which one is the application-specific System Variable
    1. CF\_INSTANCE\_IP\_ADDR
    2. CF\_INSTANCE\_ID
    3. VCAP\_APPLICATION
    4. VACAP\_HOME
37. What happened when you scaled your application from 3 to 5?
    1. It will delete 3 instance first and then restart the application with 5 instance
    2. 3 instance will not be affected and application will also run on 2 new instance
38. If a command fails or produces unexpected results, How to enabled to view requests and responses between the cf CLI and the Cloud Controller REST API.
    1. Run cf push with CF\_TRACE
39. What you will do if your application is not detected by the any available build packs in pcf.
    1. Use custom buildpack
40. What is the good way to inject the APM in pcf
    1. Using stack
    2. Using stemshell
    3. Bosh Deployment
    4. Buildpacks
41. Where can one find API docs of Cloud Foundary ?
    1. <https://apidocs.cloudfoundry.org>
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    1. <https://plugins.cloudfoundry.org/>
43. There is one instance of an application which writes a file to local system. It crashes and restarts again. Other two instance of the application are not impacted. How many instance would be able to access the file
    1. 1
    2. 2
    3. 3
    4. none
44. Which route will be created for the following command

cf map-route blueapp shared-domain.example.com --hostname host

* 1. <http://host.shared-domain.example.com>
  2. https:// blueapp.shared-domain.exam.com
  3. https:// shared-domain.exam.com
  4. https:// host.blueapp.shared-domain.exam.com

1. Which route will be created for the following command

cf map-route blueapp shared-domain.example.com --hostname host

* 1. https:// blueappshared-domain.exam.com/foo
  2. https:// shared-domain.exam.com/foo
  3. http://myapp.shared-domain.example.com/foo
  4. https:// host.blueapp.shared-domain.exam.com/blueapp

1. What is the end result of successfully deploying an application using cf push
   1. Running application with no of instance and health
   2. Build pack used
   3. Command to start the app
   4. All
2. What is a droplet?
   1. Combination of application and runtime
3. What can you provide in User Created Services
   1. URL
   2. Login id
   3. Password
   4. All
   5. None
4. What is a loggerator?
   1. One inlet multiple sinks.
   2. It collect logs from STDOUT/STDERR
   3. A configurable log tool to store logs
5. Which all the steps a app goes through after cf push
   1. Detect, release and run
   2. Upload, stage and run
   3. Upload, start and run
   4. Detect, start and run
6. As per 12 factor which of the following is true
   1. Explicitly declare and isolate dependencies.
7. Where you can find the configuration details of application according to 12 factor
   1. Configuration file of application
   2. In Environment variable of application
8. Which of the following is an example of stateful session
   1. Sticky session
9. There is a host name: foo given to an app in manifest.yml. while pushing application cf push –hostname foobar is also given via cli. What will be hostname after application is successfully delpoyed
   1. foo
   2. foobar
   3. foo.foobar
   4. none
10. What is true for services?
    1. It can be attached to multiple application
11. How to resolve unable to resolve application type
    1. Should declare buildpack with cf push using –b
12. Slice is a space manager and joy is space developer find what is true what slice can perform but not joy?
    1. Create and remove users
13. When we bind any application with service what is does?
    1. We can see the service configuration in application environment variables.
14. What does creating a service in pcf
    1. It create a service instance in space and can be bind to multiple application
15. What happens when cf stop command is given
    1. It issues SIGKill signal.
16. Which Command is used to access any API in CLI
    1. Cf curl
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    3. host
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    1. As a VCAP\_application
    2. AS a oprating system variables
23. Application security group rules for ip and port consist for
    1. Ingress
    2. Egress
    3. All traffic
    4. none
24. You push the app and got some error in cli while application is available in space. What can be the possible reason behind it?
    1. It had a memory but due to timeout time it was unable to start successfully
    2. application issue
    3. Unable to detect buildpack
    4. Cli error
25. Which one is the application-specific System Variable
    1. CF\_INSTANCE\_IP\_ADDR
    2. CF\_INSTANCE\_ID
    3. VCAP\_APPLICATION
    4. VACAP\_HOME
26. A sample application blueapp is running with 3 instance and if I run this cf scale blueapp –i 5 ?
    1. 5 instance will be running with restaging or restarting the first 3 instance
    2. 5 instance will be running without restaging or restarting the first 3 instance
    3. All 5 instance is newly created by restaging the application
27. If a command fails or produces unexpected results, How to enabled to view requests and responses between the cf CLI and the Cloud Controller REST API.
    1. Run cf push with CF\_TRACE
28. What you will do if your application is not detected by the any available build packs in pcf.
    1. Use custom buildpack
29. When to use custom buildpack?
    1. When installed bulid pack is not able to indentify the type of application have been pushed
30. What are the log type the the cf logs provide ?
    1. API,STG,RTR
31. What does the rabbitMQ does?