701-100^{Q&As}

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QUESTION 1

Which git command restores changes that were saved using git stash save?

A. git stash merge

B. git stash revert

C. git stash pop

D. git stash restore

E. git stash commit

Correct Answer: C

QUESTION 2

Which of the following forms of software is used by Cloud Foundry to deploy an application?

A. An executable file, such as a binary program, script or application archive, which run son the platform\\'s standard runtime enviromment.

B. A Cloud Foundry Object file (.cfo) which has to be created from the application\\'s object code using the cf1 linker.

C. A virtual machine image which contains an operating system, the application and all required dependencies.

D. A TGZ archive containing the source code used by Cloud Foundry to build and install the application.

E. The URL to a Git repository containing the source code used by Cloud Foundry to Build and install the application.

Correct Answer: A

QUESTION 3

Which of the log messages below matches the following Logstash grok filter?

grok {

match => ["message", "%{SYSLOGBASE} new node %{IPORHOST:node}"]

}

A. Jun 30 00:36:49 headnode: new node 198.51.100.103 at clustermanager:12353

B. Jun 30 00:36:49 headnode clustermanager[12353]: new node 198.51.100.103

C. Jun 30 00:36:49 headnode clustermanager[198.51.100.103]: new node

D. %{SYSLOG-FROM:headnode clustermanager[12353]} new node 198.51.100.103

E. clustermanager[12353]: Jun 30 00:36:49 headnode new node 198.51.100.103

Correct Answer: B

QUESTION 4

Which of the following statements describes the principal concept behind test driven development?

A. Tests may not be written by the same development team that wrote the tested code.

B. All tests are generated automatically from the tested source code.

C. Tests are written before the function / method is implemented.

D. The only acceptable reason to write a test is to prevent fixed bugs from occurring again.

E. Instead of testing software automatically, manual tests are performed and logged daily.

Correct Answer: C

https://en.wikipedia.org/wiki/Test-driven_development

QUESTION 5

What is the purpose of the command vagrant init?

A. It installs Vagrant on a Linux host.

B. It creates a Vagrant configuration file.

C. It downloads a Vagrant box.

D. It starts a Vagrant box.

E. It executes a provisioning tool in a running box.

Correct Answer: B

QUESTION 6

Which Ansible keyword is used in a playbook to store the result (i.e. return code) of a task in a variable?

A. register

B. return

C. output

D. result

E. set_fact

Correct Answer: A

https://docs.ansible.com/ansible/2.5/user_guide/playbooks_conditionals.html

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QUESTION 7

A service should be provided to arbitrary clients on the Internet using HTTPS. Any standard client on the Internet should be able to consume the service without further configuration.

Which of the following approaches can be used to implement these requirements? (Choose three correct answers.)

A. Configure the web servers to not use a server certificate when serving HTTPS.

B. Generate a self-signed certificates during the deployment of each backend server.

C. Use a certificate issuing service to request certificates during each server deployment.

D. Use a load balancer that decrypts incoming requests and passes them on in plain HTTP.

E. Install a wildcard certificate and the respective private key on all the backend servers.

Correct Answer: CDE

QUESTION 8

Which of the following statements are true about Jenkins? (Choose two correct answers.)

A. Jenkins is specific to Java based applications.

B. Jenkins can delegate tasks to slave nodes.

C. Jenkins only works on local files and cannot use SCM repositories.

D. Jenkins\\' functionality is determined by plugins.

E. Jenkins includes a series of integrated testing suites.

Correct Answer: BE

QUESTION 9

If docker stack is to be used to run a Docker Compose file on a Docker Swarm, how are the images referenced in the Docker Compase configuration made available on the Swarm nodes?

A. Docker stack intructs the Swarm nodes to pull the images from a registry, although it does not upload the images to

the registry.

B. Docker stack transfers the image from its local Docker cache to each Swarm node.

C. Docker stack passes the images to the Swarm master which distributes the images to all other Swarm nodes.

D. Docker stack builds the images locally and copies them to only those Swarm nodes which run the service.

E. Docker stack triggers the build process for the images on all nodes of the Swarm.

Correct Answer: B

QUESTION 10

What implications does container virtualization have for DevOps? (Choose two answers.)

A. Containers decouple the packaging of an application from its infrastructure.

B. Containers require developers to have detailed knowledge of their IT infrastructure.

C. Containers let developers test their software under production conditions.

D. Containers complicate the deployment of software and require early deployment tests.

E. Containers require application specific adjustment to the container platform.

Correct Answer: AC

http://anandmanisankar.com/posts/container-docker-PaaS-microservices/

QUESTION 11

How does Packer interact with system images?

A. Packer creates an instance based on a source image, prepares the instance through a network connection and bundles the resulting.

B. Packer has to be installed within the target image and is executed during the image\\'s first boot in order to execute preparation tasks.

C. Packer installs a client within the image which has to be run periodically via cron in order to retrieve the latest template from the Packer server and appy it locally.

D. Packer downloads and extracts an image in order to make changes to the image\\'s file system, repack the modified image and upload it again.

E. Packer periodically connects through the network to the Packer daemons of all running Packer images in order to re-apply the wholw template to the running instance.

Correct Answer: A

QUESTION 12

Which sections can exist in a Logstash configuration file? (Choose three correct answers.)

A. output

B. filter

C. input

D. forward

E. generate

Correct Answer: ABC

https://www.elastic.co/guide/en/logstash/current/configuration-file-structure.html

QUESTION 13

Which functionality is provided by Vagrant as well as by Docker? (Choose THREE correct answers)

A. Both can download required base images.

B. Both can apply changes to a base image before running it.

C. Both start system images as virtual machines by default.

D. Both start system images as containers by default.

E. Both can share directories from the host file system to a guest.

Correct Answer: ABE

QUESTION 14

Where should containerized applications store persistent data such as user uploaded files or billing information? (Choose TWO correct answers)

A. In files inside the container that are exclusively locked by the application.

B. In memory with an API to download a serialized dump of the data.

C. In external systems such as databases or object stores.

D. In dedicated, well known directory tres within the container.

E. In database server which is installed within the container.

Correct Answer: CD

QUESTION 15

What is tested by unit tests?

A. The syntactical correctness of the source code of a software component.

B. The formal validity of a service\\'s external REST API.

C. The integration of multiple component of the same software.

D. The correctness of a specific function of a software component.

E. The throughput, load capacity and latency of a service.

Correct Answer: D

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