Vendor: Lpi

Exam Code:701-100

Exam Name: DevOps Tools Engineer Exam

Version: Demo

QUESTION 1

Which security issues exist for most publicly available Vagrant boxes? (Choose three correct answers.)

A. They accept SSH logins from the user vagrant with the password vagrant.

B. They accept SSH logins from the user vagrant with a publicly available SSH key pair.

C. The vagrant user can use sudo to obtain root privileges without additional authentication.

D. Their whole file system, including configuration files, is writable by any user, including vagrant.

E. They export their file system via NFS with full write permissions without any additional restrictions.

Correct Answer: ABC

https://www.vagrantup.com/docs/boxes/base.html

QUESTION 2

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 3

Which variable is used in the Ansible inventory file to specify the location of an SSH private key file?

A. ansible_ssh_private_key_file

B. ansible_ssh_key_file

C. ansible_private_key

D. ansible_private_key_file

E. ansible_ssh_login_credentials

Correct Answer: A

QUESTION 4

What statement is true regarding the Swarm service created by the following command?

docker service create --name myweb --network webnet --mode global nginx

A. It runs exactly one time in the Swarm and cannot be scaled.

B. It runs exactly once on each node in a Swarm.

C. It runs on one node by default and can be scaled to an arbitrary number of replicas.

D. It runs on all nodes which provide the network webnet.

E. It runs only on those nodes which support the network type global.

Correct Answer: B

QUESTION 5

Which of the following functions are provided by the Ansible apt module? (Choose two correct answers.)

A. Update an installed package to the latest version.

B. Update the list of available packages from configured repositories.

C. Re-compile an installed package from the source code.

D. Add the URL of a new repository to the package manager configuration.

E. Install a dpkg based Linux distribution on an empty target system.

Correct Answer: AB

https://docs.ansible.com/ansible/latest/modules/apt_module.html

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QUESTION 6

Which section of the Prometheus configuration defines which nodes are monitored?

A. scrape_config

B. targets

C. rules

D. listener

E. nodes

Correct Answer: A

Reference: https://prometheus.io/docs/prometheus/latest/getting_star

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QUESTION 7

After a node\\'s configuration is changed on a Puppet master, how can the node be instructed to apply the new configuration inmediately if the node runs a Puppet agent as a background service?

A. Run puppet refresh on the node.

B. Run puppet agent -t on the node.

C. Restart the puppet master process.

D. Run puppet master --distribute on the master.

E. Run puppet agent --node all --refresh on the master.

Correct Answer: B

QUESTION 8

A declarative Jenkins pipeline contains the following excerpt:

parameters {

string (name: `TargetEnvironment\\', defaultValue: `staging\\', description: `Target environment\\')

}

How can a task use the value provided for TargetEnvironment?

A. {{TargetEnvironment}}

B. $TargetEnvironment

C. %TargetEnvironment%

D. ${params.TargetEnvironment}

E. $ENV{TargetEnvironment}

Correct Answer: D

QUESTION 9

Which of the following properties apply to a content delivery network? (Choose three correct answers.)

A. CDNs require all elements of a web site to be served by the same CDN.

B. CDNs can stream large media files such as movies or music to clients.

C. CDNs are present in multiple locations to serve content close to clients.

D. CDNs serve huge numbers of clients with high bandwidth and low latency.

E. CDNs forward all requests to a backend server and never store content locally.

Correct Answer: BCD

QUESTION 10

If a Dockerfile references the container\\'s base image without a specific version tag, which tag of that image is used to create the container?

A. latest

B. default

C. current

D. nightly

E. lts

Correct Answer: A

https://docs.docker.com/engine/reference/commandline/build/

QUESTION 11

When can an SQL injection attack happen?

A. When strings of arbitrary length are passed to a database so they can exceed the kength of data type or data field.

B. When characters or string received from an external source are passed unchanged to a database so they can include SQL.

C. When SQL statemens are stored as database content and might be returned unchanged to a client querying the database.

D. When database queries of an application are redirected to another server which then receives confidential information and might return manipulated data.

E. When an API which causes writes to the database can be triggered remotely without rate limits or other restrictions.

Correct Answer: B

QUESTION 12

Consider the following Kubernetes Deployment:

NAME	DESIRED	CURRENT	UP-TO-DATE	AVAILABLE	AGE
myapp	5	5	5	5	25m

With the ReplicaSet:

NAME	DESIRED	CURRENT	READY	AGE
myapp-2706294940	5	5	5	25m

And the Pods:

NAME	READY	STATUS	RESTARTS	AGE
myapp-2706294940-bzxmp	1/1	Running	0	20m
myapp-2706294940-c2kt1	1/1	Running	0	31s
myapp-2706294940-d556m	1/1	Running	0	20m
myapp-2706294940-1v1q2	1/1	Running	0	31s
myapp-2706294940-pwm8g	1/1	Running	0	31s

What happens if one of the Pods is terminated with the command kubect1 pod delete?

A. The remaining Pods are stopped and the Deployment switches to the state Failed.

B. The number of replicas in the ReplicaSet is changed to 4.

C. The ReplicaSet immediately starts a new replacement Pod.

D. The remaining Pods are stopped and a new ReplicaSet is started.

E. The Deployment switches to the state Degraded.

Correct Answer: C