

Prueba Final LPIC DevOps para Administradores

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Calificación	8,95 de 10,00 (89%)

Pregunta 1

Correcta

Puntúa 1,00 sobre 1,00

Marcar pregunta

Enunciado de la pregunta

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

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

Seleccione una:

- a. It runs exactly once on each node in a Swarm. ✓
- b. It runs on all nodes which provide the network webnet.
- c. It runs on one node by default and can be scaled to an arbitrary number of replicas.
- d. It runs only on those nodes which support the network type global
- e. It runs exactly one time in the Swarm and cannot be scaled.

Retroalimentación

Respuesta correcta

La respuesta correcta es: It runs exactly once on each node in a Swarm.

Pregunta 2

Correcta

Puntúa 1,00 sobre 1,00

Marcar pregunta

Enunciado de la pregunta

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

Selecione una:

- a. output
- b. result
- c. register ✓
- d. return
- e. set_fact

Retroalimentación

Respuesta correcta

La respuesta correcta es: register

Pregunta 3

Correcta

Puntúa 1,00 sobre 1,00

Marcar pregunta

Enunciado de la pregunta

Given the following excerpt of a Dockerfile:

Run apt-get -y update && apt-get install -y fortunes && apt-get clean

Why are the multiple apt-get commands combined in one RUN statement instead of using multiple RUN statements?

Selecione una:

- a. To execute the apt-get install command only if the apt-get update command was

successful because Docker does not check the success of RUN statements.

- b. To execute both commands in the same container instance and void Docker to reset the container to the original base image.
- c. To prevent the commands from running in parallel because Docker executes all RUN statements in their own container at the same time.
- d. To ensure the execution order of the commands because Docker might evaluate the statements of a Dockerfile in any order.
- e. To avoid the creation of unnecessary layers because Docker creates a new layer for each RUN statement. ✓

Retroalimentación

Respuesta correcta

La respuesta correcta es: To avoid the creation of unnecessary layers because Docker creates a new layer for each RUN statement.

Pregunta 4

Incorrecta

Puntúa 0,00 sobre 1,00

Marcar pregunta

Enunciado de la pregunta

Which of the following git commands is used to manage files in a repository?
(Choose two correct answers.)

Seleccione una o más de una:

- a. git move ✗
- b. git rm
- c. git cp
- d. git copy ✗
- e. git mv

Retroalimentación

Respuesta incorrecta.

Las respuestas correctas son: git rm, git mv

Pregunta 5

Correcta

Puntúa 1,00 sobre 1,00

Marcar pregunta

Enunciado de la pregunta

How is cloud-init integrated with a managed system image?

Seleccione una:

- a. cloud-init provides systemd units which must be included in several stages of the booting process of the instance. ✓
- b. cloud-init provides its own startup mechanism which replaces the instance's original init system, such as systemd.
- c. cloud-init provides a Linux kernel module that must be included and loaded in the instance's initramfs.
- d. cloud-init provides the cloud-init-daemon service which is launched during startup and keeps the instance in sync with the desired configuration.
- e. cloud-init provides the cloud-init-worker command which has to be invoked periodically within the running instance.

Retroalimentación

Respuesta correcta

La respuesta correcta es: cloud-init provides systemd units which must be included in several stages of the booting process of the instance.

Pregunta 6

Correcta

Puntúa 1,00 sobre 1,00

Desmarcar

Enunciado de la pregunta

Which elements exist on the highest level of the definition of every Kubernetes Objects? (Specify the name of one of the elements, without any values.)

Respuesta: ✓

Retroalimentación

La respuesta correcta es: apiVersion

Pregunta 7

Correcta

Puntúa 1,00 sobre 1,00

Marcar pregunta

Enunciado de la pregunta

An online shop needs to store information about clients and orders. A list of fixed properties for clients and orders exists. The data storage should enforce specific data types on these properties and ensure that each order is associated with an existing client. Which of the following cloud services is capable of fulfilling these requirements?

Seleccione una:

- a. A NoSQL database like MongoDB.
- b. An in-memory database like memcached.
- c. A relational database like MariaDB. ✓
- d. An object store like OpenStack Swift.
- e. A messaging service like OpenStack Zaqr.

Retroalimentación

Respuesta correcta

La respuesta correcta es: A relational database like MariaDB.

Pregunta 8

Correcta

Puntúa 1,00 sobre 1,00

Marcar pregunta

Enunciado de la pregunta

Consider the following Kubernetes Deployment:

NAME	READY	UP-TO-DATE	AVAILABLE	AGE
------	-------	------------	-----------	-----

elasticsearch-client	5/5	5	5	16h
----------------------	-----	---	---	-----

With the ReplicaSet:

NAME	DESIRED	CURRENT	READY	AGE
elasticsearch-client-779dbb79b8	5	5	5	16h

And the Pods:

NAME	READY	STATUS	RESTARTS	AGE
elasticsearch-client-779dbb79b8-24dnp	1/1	Running	0	16h
elasticsearch-client-779dbb79b8-rjqnc	1/1	Running	0	16h
elasticsearch-client-779dbb79b8-ah3qc	1/1	Running	0	16h
elasticsearch-client-779dbb79b8-vxpla	1/1	Running	0	16h
elasticsearch-client-779dbb79b8-4j7hy	1/1	Running	0	16h

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

Seleccione una:

- 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.

Retroalimentación

Respuesta correcta

La respuesta correcta es: The ReplicaSet immediately starts a new replacement Pod.

Pregunta 9

Correcta

Puntúa 1,00 sobre 1,00

Marcar pregunta

Enunciado de la pregunta

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

Seleccione una o más de una:

- a. output ✓
- b. filter ✓
- c. input ✓
- d. forward
- e. generate

Retroalimentación

Respuesta correcta

Las respuestas correctas son: output, filter, input

Pregunta 10

Correcta

Puntúa 1,00 sobre 1,00

Marcar pregunta

Enunciado de la pregunta

Which of the following sections must exist in a Packer template?

Seleccione una:

- a. provisioners
- b. post-processors
- c. variables
- d. images
- e. builders ✓

Retroalimentación

Respuesta correcta

La respuesta correcta es: builders

Pregunta 11

Correcta

Puntúa 1,00 sobre 1,00

Marcar pregunta

Enunciado de la pregunta

Which of the following statements is true about load balancers?

Seleccione una:

- a. Load balancer help to improve the availability and scalability of a service. ✓
- b. Load balancers are a security risk because they obfuscate the origin of connections.
- c. Load balancers are a single point of failure because they cannot be deployed redundantly.
- d. Load balancers cannot use connection content, such as HTTP cookies, to route traffic
- e. Load balancer require access to private keys in order to be able to forward HTTPS traffic.

Retroalimentación

Respuesta correcta

La respuesta correcta es: Load balancer help to improve the availability and scalability of a service.

Pregunta 12

Correcta

Puntúa 1,00 sobre 1,00

Marcar pregunta

Enunciado de la pregunta

What is tested by unit tests?

Seleccione una:

- 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 throughput, load capacity and latency of a service.
- d. The integration of multiple component of the same software.
- e. The correctness of a specific function of a software component. ✓

Retroalimentación

Respuesta correcta

La respuesta correcta es: The correctness of a specific function of a software component.

Pregunta 13

Parcialmente correcta

Puntúa 0,50 sobre 1,00

Marcar pregunta

Enunciado de la pregunta

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

Seleccione una o más de una:

- a. Jenkins' functionality is determined by plugins.
- b. Jenkins is specific to Java based applications.
- c. Jenkins includes a series of integrated testing suites ✗
- d. Jenkins can delegate tasks to slave nodes. ✓
- e. Jenkins only works on local files and cannot use SCM repositories.

Retroalimentación

Respuesta parcialmente correcta.

Ha seleccionado correctamente 1.

Las respuestas correctas son: Jenkins can delegate tasks to slave nodes., Jenkins' functionality is determined by plugins.

Pregunta 14

Correcta

Puntúa 1,00 sobre 1,00

Marcar pregunta

Enunciado de la pregunta

What must be the first line of a plain text user-data configuration containing YAML configuration for cloud-init?

Selecione una:

- a. [cloud-config]
- b. #cloud-config ✓
- c. --- cloud-config
- d. #!/usr/bin/cloud-init
- e. cloud-config:

Retroalimentación

Respuesta correcta

La respuesta correcta es: #cloud-config

Pregunta 15

Correcta

Puntúa 1,00 sobre 1,00

Marcar pregunta

Enunciado de la pregunta

Which of the following commands lists the cookbooks available on a Chef server?

Selecione una:

- a. chef-server cookbook list ✓
- b. chef-client cookbook list
- c. kitchen cookbook list

- d. chef-solo cookbook list
- e. knife cookbook list

Retroalimentación

Respuesta correcta

La respuesta correcta es: chef-server cookbook list

Pregunta 16

Parcialmente correcta

Puntúa 0,50 sobre 1,00

Marcar pregunta

Enunciado de la pregunta

Which of the statements below are true about the volume created by the following command? (Choose two correct answers.)

```
docker run -v /data -ti debian
```

Seleccione una o más de una:

- a. The /data volume is discarded when the container terminates. ✖
- b. The volume containing the container's rootfile system is retained until the /data volume is deleted.
- c. The /data volume can be attached to another Docker container.
- d. If the command is run a second time, another volume for /data is created. ✔
- e. The new /data volume contains a copy of the complete container's base image.

Retroalimentación

Respuesta parcialmente correcta.

Ha seleccionado correctamente 1.

Las respuestas correctas son: The /data volume can be attached to another Docker container. , If the command is run a second time, another volume for /data is created.

Pregunta 17

Correcta

Puntúa 1,00 sobre 1,00

Marcar pregunta

Enunciado de la pregunta

A Dockerfile contains the statements:

COPY data/ /data/

VOLUME /data

What happens when the resulting container is started without any additional volume configuration? (Choose two correct answers.)

Seleccione una o más de una:

- a. Changes to files within /data/ affect the Docker image and all other containers derived from it.
- b. An error is raised because /data/ already contains data when the volume is mounted.
- c. Existing files from /data/ in the image are copied to the new volume. ✓
- d. A new volume is created and mounted to /data/ within the new container. ✓
- e. Files existing in /data/ in the image are not available in the running container.

Retroalimentación

Respuesta correcta

Las respuestas correctas son: Existing files from /data/ in the image are copied to the new volume., A new volume is created and mounted to /data/ within the new container.

Pregunta 18

Correcta

Puntúa 1,00 sobre 1,00

Marcar pregunta

Enunciado de la pregunta

Which of the following conditionals exist in an Ansible playbook? (Choose three correct answers.)

Seleccione una o más de una:

- a. with_playbook
- b. with_sequence ✓
- c. with_items ✓
- d. with_nested ✓
- e. with_nodes

Retroalimentación

Respuesta correcta

Las respuestas correctas son: with_sequence, with_items, with_nested

Pregunta 19

Parcialmente correcta

Puntúa 0,67 sobre 1,00

Marcar pregunta

Enunciado de la pregunta

Which Ansible modules can be used to change the contents of a file? (Choose three correct answers.)

Seleccione una o más de una:

- a. modify ✗
- b. patch ✓
- c. lineinfile
- d. insert
- e. replace ✓

Retroalimentación

Respuesta parcialmente correcta.

Ha seleccionado correctamente 2.

Las respuestas correctas son: lineinfile, replace, patch

Pregunta 20

Correcta

Puntúa 1,00 sobre 1,00

Marcar pregunta

Enunciado de la pregunta

Which of the following kinds of data are suitable as artifacts in a continuous delivery pipeline? (Choose three correct answers.)

Seleccione una o más de una:

- a. Build configuration files such as Makefiles or Maven configurations.
- b. Copies of the contents of source code repositories.
- c. Docker container images which contain an application. ✓
- d. Compiled packages to be installed by a Linux package manager. ✓
- e. Executable applications such as .exe files or .jar packages. ✓

Retroalimentación

Respuesta correcta

Las respuestas correctas son: Executable applications such as .exe files or .jar packages., Compiled packages to be installed by a Linux package manager., Docker container images which contain an application.

Pregunta 21

Correcta

Puntúa 1,00 sobre 1,00

Marcar pregunta

Enunciado de la pregunta

Which of the following Ansible tasks copies the file example.txt to a manage system?

Seleccione una:

- a. - copy:
src: example.txt
dest: /tmp/example.txt ✓
- b. - cp:

```
source: example.txt  
dst: /tmp/example.txt
```

- c. - retrieve:
src: example.txt
dest: /tmp/example.txt
- d. - transfer:
src: example.txt
dest: /tmp/example.txt
- e. - rsync:
src: example.txt
dst: /tmp/example.txt

Retroalimentación

Respuesta correcta

La respuesta correcta es: - copy:
src: example.txt
dest: /tmp/example.txt

Pregunta 22

Correcta

Puntúa 1,00 sobre 1,00

Marcar pregunta

Enunciado de la pregunta

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

Seleccione una o más de una:

- a. Update the list of available packages from configured repositories. ✓
- b. Add the URL of a new repository to the package manager configuration.
- c. Update an installed package to the latest version. ✓
- d. Re-compile an installed package from the source code.
- e. Install a dpkg based Linux distribution on an empty target system.

Retroalimentación

Respuesta correcta

Las respuestas correctas son: Update an installed package to the latest version. ,
Update the list of available packages from configured repositories.

Pregunta 23

Correcta


Puntúa 1,00 sobre 1,00

Marcar pregunta

Enunciado de la pregunta

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?

Seleccione una:

- a. nightly
- b. current
- c. default
- d. lts
- e. latest 

Retroalimentación

Respuesta correcta

La respuesta correcta es: latest

Pregunta 24

Correcta

Puntúa 1,00 sobre 1,00

Marcar pregunta

Enunciado de la pregunta

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

Seleccione una o más de una:

- a. Containers complicate the deployment of software and require early deployment tests.

- b. Containers require application specific adjustment to the container platform.
- c. Containers decouple the packaging of an application from its infrastructure. ✓
- d. Containers let developers test their software under production conditions. ✓
- e. Containers require developers to have detailed knowledge of their IT infrastructure.

Retroalimentación

Respuesta correcta

Las respuestas correctas son: Containers decouple the packaging of an application from its infrastructure., Containers let developers test their software under production conditions.

Pregunta 25

Correcta

Puntúa 1,00 sobre 1,00

Marcar pregunta

Enunciado de la pregunta

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

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

Seleccione una:

- a. %{SYSLOG-FROM:headnode clustermanager[12353]} new node 198.51.100.103
- b. Jun 30 00:36:49 headnode clustermanager[12353]: new node 198.51.100.103 ✓
- c. clustermanager[12353]: Jun 30 00:36:49 headnode new node 198.51.100.103
- d. Jun 30 00:36:49 headnode: new node 198.51.100.103 at clustermanager:12353
- e. Jun 30 00:36:49 headnode clustermanager[198.51.100.103]: new node

Retroalimentación

Respuesta correcta

La respuesta correcta es: Jun 30 00:36:49 headnode clustermanager[12353]: new node 198.51.100.103

Pregunta 26

Correcta

Puntúa 1,00 sobre 1,00

Marcar pregunta

Enunciado de la pregunta

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

Selecione una:

- a. nodes
- b. listener
- c. rules
- d. targets
- e. scrape_config ✓

Retroalimentación

Respuesta correcta

La respuesta correcta es: scrape_config

Pregunta 27

Correcta

Puntúa 1,00 sobre 1,00

Marcar pregunta

Enunciado de la pregunta

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.)

Selecione una o más de una:

- a. Install a wildcard certificate and the respective private key on all the backend servers. ✓
- b. Use a certificate issuing service to request certificates during each server deployment. ✓
- c. Generate a self-signed certificates during the deployment of each backend server.
- d. Configure the web servers to not use a server certificate when serving HTTPS.
- e. Use a load balancer that decrypts incoming requests and passes them on in plain HTTP. ✓

Retroalimentación

Respuesta correcta

Las respuestas correctas son: Use a certificate issuing service to request certificates during each server deployment., Use a load balancer that decrypts incoming requests and passes them on in plain HTTP., Install a wildcard certificate and the respective private key on all the backend servers.

Pregunta 28

Correcta

Puntúa 1,00 sobre 1,00

Marcar pregunta

Enunciado de la pregunta

The file index.php, which is being maintained in a git repository, was changed locally and contains an error.

If the error has not been committed to the repository yet, which of the following git commands reverts the local copy of index.php to the latest committed version in the current branch?

Seleccione una:

- a. git repair index.php
- b. git lastver index.php
- c. git clean index.php
- d. git checkout index.php ✓
- e. git revert index.php

Retroalimentación

Respuesta correcta

La respuesta correcta es: git checkout index.php

Pregunta 29

Correcta

Puntúa 1,00 sobre 1,00

Marcar pregunta

Enunciado de la pregunta

myapp:

option1: one

Which of the following strings can be used to reference the defined variable? (Choose two correct answers).

Seleccione una o más de una:

- a. option1@myapp
- b. myapp['option1'] ✓
- c. myapp.option1 ✓
- d. myapp{{option1}}
- e. myapp(option1);

Retroalimentación

Respuesta correcta

Las respuestas correctas son: myapp['option1'], myapp.option1

Pregunta 30

Correcta

Puntúa 1,00 sobre 1,00

Marcar pregunta

Enunciado de la pregunta

Which of the following goals are favored by agile software development methodologies? (Choose two correct answers.)

Seleccione una o más de una:

- a. Self-organization of teams. ✓
- b. Long-term release and feature management.
- c. Flexibility of processes. ✓
- d. Central governance and control.
- e. Absolute planning adherence.

Retroalimentación

Respuesta correcta

Las respuestas correctas son: Self-organization of teams., Flexibility of processes.

Pregunta 31

Correcta

Puntúa 1,00 sobre 1,00

Marcar pregunta

Enunciado de la pregunta

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

Seleccione una o más de una:

- a. CDNs forward all requests to a backend server and never store content locally.
- b. CDNs require all elements of a web site to be served by the same CDN.
- c. CDNs can stream large media files such as movies or music to clients. ✓
- d. CDNs serve huge numbers of clients with high bandwidth and low latency. ✓
- e. CDNs are present in multiple locations to serve content close to clients. ✓

Retroalimentación

Respuesta correcta

Las respuestas correctas son: CDNs can stream large media files such as movies or

music to clients., CDNs are present in multiple locations to serve content close to clients., CDNs serve huge numbers of clients with high bandwidth and low latency.

Pregunta 32

Correcta

Puntúa 1,00 sobre 1,00

Marcar pregunta

Enunciado de la pregunta

Which of the following mechanisms are used for service discovery in a container environment? (Choose two correct answers.)

Seleccione una o más de una:

- a. The container platform mounts the sockets for all available services into the container's file systems.
- b. The container platforms maintains DNS records which point to containers offering a specific service. ✓
- c. The container platform lists localhost ports assigned to containers in each container's /etc/services file.
- d. The container platform sets environment variables containing service information within the containers. ✓
- e. The container platform offers a command like docker service discover which should be run within a container.

Retroalimentación

Respuesta correcta

Las respuestas correctas son: The container platform sets environment variables containing service information within the containers., The container platforms maintains DNS records which point to containers offering a specific service.

Pregunta 33

Correcta

Puntúa 1,00 sobre 1,00

Marcar pregunta

Enunciado de la pregunta

Which of the following commands lists the nodes in a Docker Swarm cluster?

Selecione una:

- a. docker engine ls
- b. docker swarm nodes
- c. docker machine ls
- d. docker-swarm listnodes
- e. docker node ls ✓

Retroalimentación

Respuesta correcta

La respuesta correcta es: docker node ls

Pregunta 34

Parcialmente correcta

Puntúa 0,50 sobre 1,00

Marcar pregunta

Enunciado de la pregunta

Which of the following tasks can Logstash fulfill without using other components of the Elastic Stack? (Choose more than 1)

Selecione una o más de una:

- a. Forward log data to other services.
- b. Store log data persistently.
- c. Process log data to extract information. ✓
- d. Receive log data from remote systems. ✓
- e. Aggregate log data over a period of time.

Retroalimentación

Respuesta parcialmente correcta.

Ha seleccionado correctamente 2.

Las respuestas correctas son: Receive log data from remote systems., Aggregate

log data over a period of time., Process log data to extract information., Forward log data to other services.

Pregunta 35

Correcta

Puntúa 1,00 sobre 1,00

Marcar pregunta

Enunciado de la pregunta

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

Selecione una:

- a. Tests are written before the function / method is implemented. ✓
- b. The only acceptable reason to write a test is to prevent fixed bugs from occurring again.
- c. All tests are generated automatically from the tested source code.
- d. Instead of testing software automatically, manual tests are performed and logged daily
- e. Tests may not be written by the same development team that wrote the tested code.

Retroalimentación

Respuesta correcta

La respuesta correcta es: Tests are written before the function / method is implemented.

Pregunta 36

Correcta

Puntúa 1,00 sobre 1,00

Marcar pregunta

Enunciado de la pregunta

A recently installed application writes log data to /opt/app/log/info.log.

If Filebeat is already installed and set up for communication with a remote

Logstash, what has to be done in order to submit the log data of the new application to Logstash?

Selecione una:

- a. Replace /opt/app/log/info.log by a symbolic link to /dev/filebeat and restart the new application.
- b. Add a new cron job that invokes filebeat -i /opt/app/log/info.log periodically.
- c. Add an additional input channel with the option source => "/opt/app/log/info.log" to the Logstash configuration.
- d. Configure logrotate to execute filebeat -I /opt/app/log/info.log 0 after each rotation of /opt/app/log/info.log.
- e. Add the log file to the path option within the log prospector in the Filebeat configuration and restart Filebeat. ✓

Retroalimentación

Respuesta correcta

La respuesta correcta es: Add the log file to the path option within the log prospector in the Filebeat configuration and restart Filebeat.

Pregunta 37

Correcta

Puntúa 1,00 sobre 1,00

Marcar pregunta

Enunciado de la pregunta

Which of the following elements are presents in a Vagrant box file? (Choose two correct answers.)

Selecione una o más de una:

- a. The installer for the Vagrant version which is required to run the box.
- b. A base file system image in a format supported by the provider of the box.
- c. A Vagrant guest configuration file that is used to create instances of the box.
- d. Configuration files for provisioners such as Ansible. ✓
- e. A metadata file describing the box and its requirements. ✓

Retroalimentación

Respuesta correcta

Las respuestas correctas son: Configuration files for provisioners such as Ansible.,
A metadata file describing the box and its requirements.

Pregunta 38

Parcialmente correcta

Puntúa 0,50 sobre 1,00

Marcar pregunta

Enunciado de la pregunta

The following command is issued on two docker nodes:

```
docker network create --driver bridge isolated_nw
```

Afterwards, one container is started at each node with the parameter
--network=isolated_nw.

It turns out that the containers can not interact with each other. What must be done in order to allow the containers to interact with each other? (Choose two correct answers.)

Seleccione una o más de una:

- a. Use a host network instead of a bridged network. ✖
- b. Use an overlay network instead of a bridged network
- c. Change the --network parameter of docker create to --network=isolated_nw,nofence..
- d. Start the containers on the same node. ✔
- e. Add the option --inter-container to the docker network create command.

Retroalimentación

Respuesta parcialmente correcta.

Ha seleccionado correctamente 1.

Las respuestas correctas son: Start the containers on the same node., Use an overlay network instead of a bridged network

Pregunta 39

Incorrecta

Puntuá 0,00 sobre 1,00

Marcar pregunta

Enunciado de la pregunta

What is the Puppet equivalent to an Ansible Playbook called?

Selecione una:

- a. A Puppet Manifest ❌
- b. A Puppet Playbook
- c. A Puppet Factsheet
- d. A Puppet Catalog
- e. A Puppet Declaration

Retroalimentación

Respuesta incorrecta.

La respuesta correcta es: A Puppet Catalog

Pregunta 40

Correcta

Puntuá 1,00 sobre 1,00

Marcar pregunta

Enunciado de la pregunta

Which of the following container names could have been assigned automatically by Docker?

Selecione una:

- a. docker-c00001
- b. 2.0.17.172
- c. clever_ritchie ✔️
- d. container
- e. c0023817

Retroalimentación

Respuesta correcta

La respuesta correcta es: clever_ritchie

Pregunta 41

Correcta

Puntúa 1,00 sobre 1,00

Marcar pregunta

Enunciado de la pregunta

How is a Docker container image retrieved from a Docker registry?

Seleccione una:

- a. The container is built from an ISO file along with a configuration for an unattended installation.
- b. Docker retrieves a ZIP archive which is extracted into the container's root file system.
- c. Multiple stacked images are retrieved and layered on top of each other. ✓
- d. The registry merger all components of the image into one file which is shipped to Docker.
- e. A flat hard disk image is downloaded once per container and mounted as the root file system.

Retroalimentación

Respuesta correcta

La respuesta correcta es: Multiple stacked images are retrieved and layered on top of each other.

Pregunta 42

Parcialmente correcta

Puntúa 0,50 sobre 1,00

Marcar pregunta

Enunciado de la pregunta

Which of the following tasks are completed by docker-compose down when it is used without additional parameters? (Choose two correct answers.)

Selecione una o más de una:

- a. Delete all containers defined in the compose file.
- b. Delete all images used in the compose file from the Docker nodes.
- c. Delete all images built from the compose file from their registry.
- d. Delete all networks defined in the compose file. ✓
- e. Delete all volumes defined in the composer file. ✗

Retroalimentación

Respuesta parcialmente correcta.

Ha seleccionado correctamente 1.

Las respuestas correctas son: Delete all containers defined in the compose file., Delete all networks defined in the compose file.

Pregunta 43

Correcta

Puntúa 1,00 sobre 1,00

Marcar pregunta

Enunciado de la pregunta

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

Selecione una o más de una:

- a. Their whole file system, including configuration files, is writable by any user, including vagrant.
- b. The vagrant user can use sudo to obtain root privileges without additional authentication. ✓
- c. They accept SSH logins from the user vagrant with a publicly available SSH key pair. ✓
- d. They accept SSH logins from the user vagrant with the password vagrant. ✓
- e. They export their file system via NFS with full write permissions without any additional restrictions.

Retroalimentación

Respuesta correcta

Las respuestas correctas son: They accept SSH logins from the user vagrant with the password vagrant., They accept SSH logins from the user vagrant with a publicly available SSH key pair., The vagrant user can use sudo to obtain root privileges without additional authentication.

Pregunta 44

Correcta

Puntúa 1,00 sobre 1,00

Marcar pregunta

Enunciado de la pregunta

How does Vagrant run virtual machines?

Seleccione una:

- a. Vagrant uses so-called providers which control external hypervisors such as VirtualBox. ✓
- b. Vagrant generates virtual machine images but does not provide a mechanism to run them.
- c. Vagrant ships with an embedded version of VirtualBox.
- d. Vagrant uses a vagrant-specific hypervisor called VagrantVM.
- e. Vagrant has to be run within a running virtual machine which is not controlled by Vagrant.

Retroalimentación

Respuesta correcta

La respuesta correcta es: Vagrant uses so-called providers which control external hypervisors such as VirtualBox.

Pregunta 45

Correcta

Puntúa 1,00 sobre 1,00

Marcar pregunta

Enunciado de la pregunta

What does the command `packer validate template.json` do?

Seleccione una:

- a. The command verifies that the latest build of the template can be run without downloading additional images or artifacts.
- b. The command verifies that all existing artifacts generated by `template.json` have their original checksums.
- c. The command verifies that the file `template.json` is a syntactically correct and complete Packer template. ✓
- d. The command verifies that all source images referenced in `template.json` are available and have valid cryptographic signatures.
- e. The command verifies that images generated previously by `template.json` still use the most recent source images.

Retroalimentación

Respuesta correcta

La respuesta correcta es: The command verifies that the file `template.json` is a syntactically correct and complete Packer template.

Pregunta 46

Correcta

Puntúa 1,00 sobre 1,00

Marcar pregunta

Enunciado de la pregunta

How does Prometheus gather information about monitored hosts and services?

Seleccione una:

- a. It opens a webhook where monitored applications have to submit various metrics.
- b. It runs scripts on the Prometheus server which perform tests and return various metrics
- c. It uses HTTP to retrieve metrics from the monitored objects. ✓
- d. It implements the ICMP and SNMP protocols to ping and query remote services.

e. It queries a relational database for metrics written to the database by monitored applications..

Retroalimentación

Respuesta correcta

La respuesta correcta es: It uses HTTP to retrieve metrics from the monitored objects.