

701-100 Dumps

LPIC-OT DevOps Tools Engineer

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NEW QUESTION 1

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

Answer: C

NEW QUESTION 2

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

Answer: A

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

NEW QUESTION 3

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.)

Answer:

Explanation: pod

NEW QUESTION 4

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.)

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

Answer: CE

NEW QUESTION 5

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}

Answer: B

NEW QUESTION 6

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

- A. docker-swarm listnodes
- B. docker engine ls
- C. docker node ls
- D. docker machine ls
- E. docker swarm nodes

Answer: C

Explanation: Reference <https://docs.docker.com/engine/swarm/manage-nodes/>

NEW QUESTION 7

An Ansible variable file contains the following content:

myapp: option1: one

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

- A. myapp(option1);
- B. option1@myapp
- C. myapp['option1']
- D. myapp.option1
- E. myapp{{option1}}

Answer: AE

NEW QUESTION 8

Which of the following tasks are completed by docker-compose down when it is used with additional parameters? (Choose two correct answers.)

- A. Delete all volumes defined in the composer file.
- B. Delete all containers defined in the composer file.
- C. Delete all networks defined in the composer file.
- D. Delete all images used in the composer file from the Docker nodes.
- E. Delete all images built from the composer file from their registr

Answer: AC

Explanation: Reference <https://docs.docker.com/compose/reference/down/>

NEW QUESTION 9

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. Its

Answer: A

Explanation: Reference <https://docs.docker.com/engine/reference/commandline/build/>

NEW QUESTION 10

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

- A. git rm
- B. git cp
- C. git mv
- D. git move
- E. git copy

Answer: AC

NEW QUESTION 10

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 locall

Answer: CDE

NEW QUESTION 11

Which vagrant sub command executes a command in a running box? (Specify only the sub command without any path or parameters.)

Answer:

Explanation: ssh

NEW QUESTION 12

Which statement in a Dockerfile defines which command should be started in the container by default when it is started? (Specify ONLY the statement's name without any values or parameters.)

Answer:

Explanation: CMD

NEW QUESTION 17

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

- A. kitchen cookbook list
- B. chef-client cookbook list
- C. chef-server cookbook list
- D. chef-solo cookbook list
- E. knife cookbook list

Answer: C

NEW QUESTION 22

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

Answer: C

NEW QUESTION 24

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`

- A. The new /data volume contains a copy of the complete container's base image.
- B. The volume containing the container's rootfile system is retained until the /data volume is deleted.
- C. The /data volume is discarded when the container terminates.
- D. The /data volume can be attached to another Docker container.
- E. If the command is run a second time, another volume for /data is created

Answer: DE

NEW QUESTION 26

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?

- A. An in-memory database like memcached.
- B. An object store like OpenStack Swift.
- C. A messaging service like OpenStack Zaqar.
- D. A NoSQL database like MongoDB.
- E. A relational database like MariaDB

Answer: E

NEW QUESTION 30

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.

Answer: ABC

Explanation: Reference <https://www.vagrantup.com/docs/boxes/base.html>

NEW QUESTION 33

Which Ansible command is used to manage and store sensitive data in encrypted files? (Specify ONLY the command without any path or parameters.)

Answer:

Explanation: ansible-vault

NEW QUESTION 35

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

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

Answer: B

Explanation: Reference <https://www.ibm.com/developerworks/library/mw-1608-tost-trs/index.html>

NEW QUESTION 36

Which statements are true regarding databases during the deployment of a new release of a service using canary deployment? (Choose two correct answers.)

- A. Changes to the database schema can take long and reduce the database performance.
- B. Traffic to the database will significantly increase because of the additional service instance.
- C. The database schema must be compatible to all running versions of a service.
- D. The database is locked while its content is copied to the canary database.
- E. Canary deployments require two synchronized instances of each databas

Answer: BE

NEW QUESTION 37

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 suite

Answer: BE

NEW QUESTION 42

Which of the following HTTP methods are used by REST? (Choose three correct answers.)

- A. CREATE
- B. REPLACE
- C. PUT
- D. DELETE
- E. GET

Answer: CDE

Explanation: Reference <https://restfulapi.net/http-methods/>

NEW QUESTION 46

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

- A. Executable applications such as .exe files or .jar packages.
- B. Copies of the contents of source code repositories.
- C. Build configuration files such as Makefiles or Maven configurations.
- D. Compiled packages to be installed by a Linux package manager.
- E. Docker container images which contain an applicatio

Answer: BCD

NEW QUESTION 48

Which of the following information is contained in the output of git status? (Choose three correct answers.)

- A. Changed files that will not be part of the next commit.
- B. Locked files which cannot be edited until the lock is released.
- C. Changed files that will be part of the next commit.
- D. Unchanged files which have not been edited locally.
- E. Untracked files which are not subject to version contro

Answer: CDE

NEW QUESTION 50

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

- A. scrape_config
- B. targets
- C. rules
- D. listener
- E. nodes

Answer: A

NEW QUESTION 55

Which of the following tasks can Logstash fulfill without using other components of the Elastic Stack? (Choose three.)

- A. Receive log data from remote systems.
- B. Store log data persistently.
- C. Aggregate log data over a period of time.
- D. Process log data to extract information.
- E. Forward log data to other service

Answer: CDE

NEW QUESTION 60

How does Vagrant run virtual machines?

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

Answer: D

NEW QUESTION 62

How does Prometheus gather information about monitored hosts and services?

- A. It implements the ICMP and SNMP protocols to ping and query remote services.
- B. It opens a webhook where monitored applications have to submit various metrics.
- C. It uses HTTP to retrieve JSON encoded metrics from the monitored objects.
- D. It queries a relational database for metrics written to the database by monitored applications.
- E. It runs scripts on the Prometheus server which perform tests and return various metrics.

Answer: E

Explanation: Reference <https://dzone.com/articles/monitoring-with-prometheus>

NEW QUESTION 65

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

- A. with_nodes
- B. with_playbook
- C. with_sequence
- D. with_items
- E. with_nested

Answer: CDE

Explanation: Reference https://docs.ansible.com/ansible/2.4/playbooks_loops.html

NEW QUESTION 66

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

- A. lineinfile
- B. replace
- C. patch
- D. insert
- E. modify

Answer: ABC

NEW QUESTION 71

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