

701-100^{Q&As}

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QUESTION 1

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 2

Which property of a Kubernetes Deployment specifies the number of instances to create for a specific Pod? (Specify ONLY the option name, no matter of its location in the object hierarchy)

- A. The property you are looking for is `replicas`. This is a field directly under the Deployment object and specifies the number of Pod replicas that should be maintained by the Deployment.

Correct Answer: A

QUESTION 3

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 application.

Correct Answer: ADE

QUESTION 4

A docker swarm contains the following node: Whic of the nodes should be configured as DOCKER_HOST in order to run services on the swarm? (Specify ONLY the HOSTNAME of one of the potential target nodes)

ID	HOSTNAME	STATUS	AVAILABILITY	MANAGERSTATUS
162jocpx41h8kdjt98kao8qek	node-5	Ready	active	Reachable
2ds7z8m2poifjsiqbngbsmavp	node-4	Ready	active	Reachable
fv7p1b2i2swo916zypyohiyfa	node-3	Ready	active	
hrr0eouc6qhnoihndt8uu610g	node-2	Ready	active	
txgjvd0azv0mzsjj6o7ob00h8	node-1	Ready	active	Leader

A. In a Docker Swarm, you need to set the DOCKER_HOST environment variable on the manager node in order to run services on that node. In your example, node "node-1" is the manager node (with a * symbol) and its status is "Ready" and "active", and it is also the "Leader". Therefore, you should set the DOCKER_HOST environment variable on node "node-1". To set the DOCKER_HOST environment variable, you can use the following command (assuming that you are using a bash shell): `export DOCKER_HOST=tcp://node-1:2375` This will set the DOCKER_HOST environment variable, causing Docker commands to default to connecting to port 2375 on node "node-1". Please note that you can also add the above command to `~/.bashrc` or `~/.bash_profile` file to automatically set the DOCKER_HOST environment variable whenever a new bash shell is opened. It should be noted that if your Docker Swarm uses a different network mode (e.g., overlay network), then you may need to specify a different network mode and port in the DOCKER_HOST environment variable. The specific situation depends on your Docker Swarm configuration.

Correct Answer: A

QUESTION 5

Which of the following values could be used in the option `config.vm.provision` within a Vagrant configuration file? (Choose THREE correct answers)

- A. `:rsync, remote: "root@localhost:"`
- B. `:extract, file: "root-fs.tgz"`
- C. `:shell, path: "install.sh"`
- D. `:clone, template: "master-vm"`
- E. `:boot, iso: "debian-8.iso"`

Correct Answer: BCD