



Quiz
Test Simulation

Question #1

- Question
 - How the greater than or equal comparison is expressed in bash?
- Answers *(one of four)*
 - A: >=
 - ✓ ■ B: -ge
 - C: -goe
 - D: -gt

Question #2

- Question
 - Which Vagrant command is used to check Vagrantfile for errors?
- Answers *(one of four)*
 - A: check
 - B: test
 - ✓ ■ C: validate
 - D: No such command

Question #3

- Question
 - Which is an application container technology?
- Answers *(one of four)*
 - ✓ ■ A: CRI-O
 - B: Solaris Zones
 - C: BSD Jails
 - D: Linux Containers

Question #4

- Question

- Which is NOT mandatory component on a Docker host?

- Answers *(one of four)*

- A: Docker Daemon
 - B: Docker API
 - ✓ ■ C: Docker Client
 - D: Container Runtime

Question #5

- Question
 - Which is the first instruction in a Dockerfile?
- Answers *(one of four)*
 - A: COPY
 - B: BEGIN
 - C: START
 - ✓ ■ D: FROM

Question #6

- Question
 - Which is the default Docker network driver?
- Answers *(one of four)*
 - A: none
 - B: host
 - ✓ ■ C: bridge
 - D: overlay

Question #7

- Question

- Which option allows containers to store data in the host's memory?

- Answers *(one of four)*

- A: data volume
 - ✓ ■ B: tempfs mount
 - C: bind mount
 - D: volume

Question #8

- Question
 - Which is NOT a supported virtual hard disk format by VirtualBox?
- Answers *(one of four)*
 - A: VMDK
 - B: VDI
 - C: VHD
 - ✓ ■ D: VHDX

Question #9

- Question
 - Which directive in a Jenkinsfile represents a step in the SDLC?
- Answers *(one of four)*
 - ✓ ■ A: stage
 - B: step
 - C: phase
 - D: job

Question #10

- Question
 - Which is NOT a valid directive in a Jenkinsfile?
- Answers *(one of four)*
 - A: tools
 - ✓ ■ B: arguments
 - C: triggers
 - D: options

Question #11

- Question
 - Which property of Jenkins node reflects the number of parallel builds?
- Answers *(one of four)*
 - A: Queues
 - B: Pipelines
 - ✓ ■ C: Executors
 - D: Jobs

Question #12

- Question
 - Which is NOT a valid Jenkins CLI command?
- Answers *(one of four)*
 - A: create-job
 - B: build
 - C: list-jobs
 - ✓ ■ D: build-job

Question #13

- Question
 - What is the format of an exported Jenkins job?
- Answers *(one of four)*
 - ✓ ■ A: XML
 - B: YAML
 - C: Groovy
 - D: Java

Question #14

- Question
 - Which command will duplicate a job in Jenkins?
- Answers *(one of four)*
 - A: clone-job
 - B: create-job
 - ✓ ■ C: copy-job
 - D: duplicate-job

Question #15

- Question
 - How does the data collection happen in Prometheus?
- Answers *(one of four)*
 - A: push model
 - ✓ ■ B: pull model
 - C: subscription
 - D: push & pull

Question #16

- Question

- What is the name of the process in Prometheus that collects data?

- Answers *(one of four)*

- ✓
 - A: scraping
 - B: crawling
 - C: collecting
 - D: listening

Question #17

- Question
 - Which metric in Prometheus represents a single value that may increase or decrease?
- Answers (*one of four*)
 - A: Summary
 - B: Counter
 - C: Histogram
 - ✓ ■ D: Gauge

Question #18

- Question

- Which is NOT a valid processing stage in Logstash?

- Answers *(one of four)*

- A: input
 - ✓ ■ B: clean
 - C: output
 - D: filter

Question #19

- Question
 - Which is NOT a valid beat in Elastic Stack?
- Answers *(one of four)*
 - A: Heartbeat
 - B: Filebeat
 - ✓ ■ C: Networkbeat
 - D: Winlogbeat

Question #20

- Question
 - What is the default port number for Logstash?
- Answers *(one of four)*
 - A: 5601
 - ✓ ■ B: 5044
 - C: 9200
 - D: 9300

Question #21

- Question

- Which TWO are correct about the following statement:
`http_requests_total{job=~"web|db"}[5m]`

- Answers (*two of four*)

- A: Only for label job with value different than web and db
- B: Value as of 5 minutes ago
- ✓ ■ C: Only for label job with value either web or db
- ✓ ■ D: Values for the last 5 minutes

Question #22

- Question

- Which TWO databases are supported by Grafana?

- Answers *(two of four)*

- A: MSSQL

- ✓
 - B: SQLite

- ✓
 - C: PostgreSQL

- D: Oracle

Question #23

- Question

- What are the TWO types of nodes in Docker Swarm?

- Answers *(two of four)*

- A: Control nodes



- B: Worker nodes

- C: Slave nodes



- D: Manager nodes

Question #24

- Question

- Which TWO are components of Prometheus server?

- Answers *(two of four)*



- A: Timeseries Database

- B: Exporter

- C: Alert Manager



- D: HTTP Server

Question #25

- Question

- Which TWO Docker commands will download an image from registry?

- Answers *(two of four)*



- A: run
 - B: import



- C: pull
 - D: load

Question #26

- Question
 - Which TWO are valid Jenkinsfile sections?
- Answers *(two of four)*
 - A: tools
 - ✓ ■ B: agents
 - ✓ ■ C: post
 - D: triggers

Question #27

- Question

- Which TWO options allow containers to store data on the host?

- Answers *(two of four)*



- A: volumes
 - B: tmpfs mounts



- C: bind mounts
 - D: nfs mounts

Question #28

- Question

- Which TWO network drivers are preinstalled in Docker?

- Answers *(two of four)*

- A: ipx
 - ✓ ■ B: macvlan
 - C: flannel
 - ✓ ■ D: host

Question #29

- Question
 - Which TWO are valid instructions to upload files while building an image?
- Answers *(two of four)*
 - ✓ ■ A: COPY
 - B: UPLOAD
 - C: SEND
 - ✓ ■ D: ADD

Question #30

- Question

- Which TWO are application container technologies?

- Answers *(two of four)*

- A: Linux Containers
 - B: BSD Jails
 - ✓ ■ C: container-d
 - ✓ ■ D: CRI-O



Quiz

End of Test Simulation