

# Docker Assessment



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When using the ENTRYPOINT Instruction in a Dockerfile, how are CMD Instructions treated?

- ENTRYPOINT Instructions are ignored
- CMD Instructions are treated as arguments to the ENTRYPOINT Instruction
- CMD Instructions are ignored
- CMD Instructions override ENTRYPOINT Instructions

Which Dockerfile Instruction do we use to install packages to our new Image?

- FROM
- CMD
- apt-get install
- RUN

How do recipient containers learn about the networking config of source containers they are linked to?

- By querying the Docker daemon
- Via a sub-space secure channel to the source container
- The `/link` file in the root filesystem of the container
- Environment variables + entries in the `/etc/hosts` file

# What does pressing Control+P+Q inside of a container do?

- Kills the container
- Issues a print-screen of the current contents of the terminal window
- Generates a stack trace of the container
- Detaches the Docker Hosts terminal from the container

Which of the following commands will install the Docker engine on a CentOS server?

- apt-get install docker.io
- yum install docker.io
- yum install docker
- apt-get install docker

Which option can we pass to the Docker daemon to make it assign the Docker bridge a specific IP range?

- ip-range
- bip
- network
- cidr

Which Docker command builds a new image from a Dockerfile in the current directory?

- docker build
- docker build .
- docker image .
- docker build-image .

Which Dockerfile Instruction is the preferred Instruction for setting the main process to run inside a container?

- RUN
- ENTRYPOINT
- DEFAULT
- CMD

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Which of the following commands will show version information for the various installed Docker components?

- docker detail
- docker version
- rkt version
- apt-get update

## Which of the following is true about RUN Instructions in a Dockerfile?

- RUN Instructions only work with containers that have elevated privileges
- Each new RUN line creates a new image layer
- Each Dockerfile can only contain one
- All RUN lines are compiled down to a single RUN Instruction

By default, what happens to a Docker Container when the process it is running exits?

- The Container reboots and restarts the process
- The Container exits
- The Container performs a crash dump
- The Container continues running in detached mode with a Bash prompt available

From a Docker Host, which command can we use to stop a container?

- `docker-stop <container>`
- `docker stp <container>`
- `docker stop <container>`
- `docker halt <container>`

What is the correct syntax to mount the /project/data directory from the Docker host into a directory called /data in a container?

- docker run -volumes-from /data:/project/data
- docker run -v /project/data:/data
- docker run -v /data:/project/data
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Which of the following is the correct way to name a Dockerfile?

- dockerfile
- DockerFile
- DOCKERFILE
- Dockerfile

Virtual Machines are a form of what type of virtualization?

- VLAN
- Hypervisor
- Mainframe
- Container

Which of the following docker run commands will start a Container based on an Ubuntu 14.04 Base Image?

- `docker run ubuntu --version=14.04 ....`
- `docker run Ubuntu:14.04 ....`
- `docker run ubuntu:14.04 ....`
- `docker run ubuntu -v 14.04 .....`

Which Docker command lets us attach to a running container?

- `docker telnet <container>`
- `docker login <container>`
- `docker ssh <container>`
- `docker attach <container>`

Which of the following is another term to describe container virtualization?

- Storage virtualization
- Software Defined Data Center
- Hypervisor virtualization
- OS level virtualization

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