

# 100% Pass Useful Lpi - 305-300 - Practice LPIC-3 Exam 305: Virtualization and Containerization Test Engine



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Candidates who wish to sit for the LPIC-3 Exam 305 are expected to have prior knowledge of virtualization and containerization. 305-300 Exam measures the candidate's ability to configure, deploy, manage and troubleshoot virtualization and containerization technologies. In addition, it tests their ability to design and implement virtualization and containerization solutions that meet industry standards.

>> Practice 305-300 Test Engine <<

## Practice 305-300 Test Engine - 2026 305-300: LPIC-3 Exam 305: Virtualization and Containerization First-grade Frenquent Update

We also offer a free demo version that gives you a golden opportunity to evaluate the reliability of the LPIC-3 Exam 305: Virtualization and Containerization (305-300) exam study material before purchasing. Vigorous practice is the only way to ace the LPIC-3 Exam 305: Virtualization and Containerization (305-300) test on the first try. And that is what TorrentExam Lpi 305-300 practice material does. Each format of updated Lpi 305-300 preparation material excels in its way and helps you pass the LPIC-3 Exam 305: Virtualization and Containerization (305-300) examination on the first attempt.

Lpi 305-300 Exam covers a wide range of topics related to virtualization and containerization technologies. Candidates are expected to have a deep understanding of the underlying concepts, as well as hands-on experience with tools such as Docker, Kubernetes, and virtualization software like KVM, Xen, and VirtualBox. 305-300 Exam also covers topics such as network virtualization, storage virtualization, and cloud computing, making it a comprehensive test of an IT professional's virtualization and containerization skills.

## Lpi LPIC-3 Exam 305: Virtualization and Containerization Sample Questions (Q46-Q51):

### NEW QUESTION # 46

What is cloud-init?

- A. A containerization tool
- B. A configuration tool for customizing cloud instances
- C. A cloud management tool

- D. A virtualization platform

**Answer: B**

Explanation:

Cloud-init is a widely used instance initialization and configuration tool designed specifically for cloud environments. According to cloud-init documentation, it is responsible for customizing cloud instances at first boot using metadata and user-provided data.

Cloud-init performs tasks such as setting hostnames, configuring networking, injecting SSH keys, installing packages, and executing user-defined scripts. It is supported by most major cloud providers and works across virtual machines regardless of the underlying hypervisor.

Cloud-init is not a containerization tool, a cloud management platform, or a virtualization solution. Instead, it operates within a virtual machine to perform configuration tasks after the instance has been provisioned.

Therefore, the correct answer is A.

#### NEW QUESTION # 47

Which of the following values are valid in the `firmware` attribute of a `<os>` element in a libvirt domain definition? (Choose two.)

- A. efi
- B. bios
- C. virtio
- D. scsi
- E. pcie

**Answer: A,B**

Explanation:

The `firmware` attribute of the `<os>` element in a libvirt domain definition specifies the type of firmware used to boot the virtual machine. The valid values for this attribute are `efi` and `bios`, which correspond to the Extensible Firmware Interface (EFI) and the Basic Input/Output System (BIOS) respectively. EFI is a newer standard that supports more features and security than BIOS, such as Secure Boot and faster boot times. BIOS is an older standard that is widely compatible and supported by most hypervisors and operating systems. The other values, `scsi`, `virtio`, and `pcie`, are not related to firmware, but to different types of devices or drivers that can be used in a virtual machine. References: 1 (search for `firmware` enum)

#### NEW QUESTION # 48

Which of the following values are valid in the `firmware` attribute of a `<os>` element in a libvirt domain definition? (Choose two.)

- A. efi
- B. bios
- C. virtio
- D. scsi
- E. pcie

**Answer: A,B**

#### NEW QUESTION # 49

What is true about `containerd`?

- A. It is the initial process run at the start of any Docker container.
- B. It is a text file format defining the build process of containers.
- C. It requires the Docker engine and Docker CLI to be installed.
- D. It uses `rune` to start containers on a container host.
- E. It runs in each Docker container and provides DHCP client functionality

**Answer: D**

#### NEW QUESTION # 50

