Quiz

**Module 2**

1. What is CloudStack?
2. HP's recently released hybrid cloud
3. Open source cloud computing software
4. Java-based open source container inspired by Docker
5. A disaster recovery tool

Answers:

1. This is incorrect. CloudStack is an open source cloud software platform that is designed for deploying networks of scalable virtual machines.
2. This is the correct answer. CloudStack is an open source cloud software platform that is designed for deploying networks of scalable virtual machines
3. This is incorrect. CloudStack is an open source cloud software platform that is designed for deploying networks of scalable virtual machines
4. This is incorrect. CloudStack is an open source cloud software platform that is designed for deploying networks of scalable virtual machines
5. Which of the following CloudStack infrastructure element is known as the largest organizational unit within a CloudStack deployment?
6. Region
7. Zone
8. Pod
9. Cluster

Answers:

1. This is correct. A region is known as the largest organizational unit within a CloudStack deployment.
2. This is incorrect. A region is known as the largest organizational unit within a CloudStack deployment.
3. This is incorrect. A region is known as the largest organizational unit within a CloudStack deployment.
4. This is incorrect. A region is known as the largest organizational unit within a CloudStack deployment.
5. What does a Cloudstack enables you to do?
6. Build a public, private, or hybrid cloud environment
7. Implement cloud services
8. Use a scalable environment and pool of resources
9. All of the above

Answers:

1. This is incorrect. All the options are correct.
2. This is the correct answer.
3. This is incorrect. All the options are correct.
4. This is incorrect. All the options are correct.
5. What are the features of a secondary storage in a CloudStack environment?
6. Stores disk templates, ISO images, and snapshots.
7. Provided to a single cluster
8. Available in a Pod
9. All of the above

Answers:

1. This is correct. Secondary Storage stores disk templates, ISO images, and snapshots.
2. This is incorrect. Primary Storage is typically provided to a single cluster.
3. This is incorrect. Secondary Storage is a zone-wide resource.
4. This is incorrect. Secondary Storage stores disk templates, ISO images, and snapshots.
5. Apache CloudStack does not support KVM and VMware hypervisors for visualization.
6. True
7. False

Answers:

1. This is incorrect. Apache CloudStack supports the most popular hypervisors for visualization such as KVM, VMware.
2. This is the correct answer. Apache CloudStack supports the most popular hypervisors for visualization such as KVM, VMware.

**Module 3**

1. During a CloudStack installation, you can configure the primary storage and secondary storage on the same machine, where management server and hypervisor is installed.
2. True
3. False

Answers:

1. This is correct. You can configure the primary storage and secondary storage on the same machine, where management server and hypervisor is installed.
2. This is incorrect. You can configure the primary storage and secondary storage on the same machine, where management server and hypervisor is installed.
3. Which of the following statements is true about a CloudStack deployment?
4. CloudStack consists of an all-in-one deployment scenario
5. A management server enables you to orchestrate, operate and manage the cloud
6. CloudStack architecture includes a Primary Storage and Secondary storage.
7. All of the above

Answers:

1. This is incorrect. All the options are correct.
2. This is incorrect. All the options are correct.
3. This is incorrect. All the options are correct.
4. This is correct. All the options are correct.
5. John’s manager has asked him to install CloudStack on a virtual machine. John has access to a CentOS virtual machine on VMWare. What is the basic pre-requisite for installing Apache Cloudstack on this virtual machine?
6. 10 GB RAM, 20 GB local storage, 5 GB Primary Storage, 8 GB Secondary Storage
7. 2 GB RAM, 40 GB local storage, 5 GB Primary Storage, 8 GB Secondary Storage
8. 2 GB RAM, 40 GB local storage, 8 GB Primary Storage, 8 GB Secondary Storage
9. None of the above

Answers:

1. This is incorrect. You need 2 GB RAM, 40 GB local storage, 8 GB Primary Storage, 8 GB Secondary Storage for installing CloudStack.
2. This is incorrect. You need 2 GB RAM, 40 GB local storage, 8 GB Primary Storage, 8 GB Secondary Storage for installing CloudStack.
3. This is correct. You need 2 GB RAM, 40 GB local storage, 8 GB Primary Storage, 8 GB Secondary Storage for installing CloudStack.
4. This is incorrect. You need 2 GB RAM, 40 GB local storage, 8 GB Primary Storage, 8 GB Secondary Storage for installing CloudStack.
5. During a CloudStack installation, you do not need to install an NTP server, as it is installed by default.
6. True
7. False

Answers:

1. This is incorrect. You need to install an NTP server as it is not installed by default.
2. This is the correct answer. You need to install an NTP server as it is not installed by default.
3. To disable SELinux, which of the following command would you use?
4. chkconfig ntpd on
5. setenforce 0
6. chkconfigNetworkManager off
7. service mysql start

Answers:

1. This is incorrect. Using the chkconfig ntpd on command, you can ensure that the NTP server is enabled.
2. This is the correct answer. Using the *setenforce 0* command, you can disable SELinux.
3. This is incorrect. Using the *chkconfigNetworkManager off* command, you can disable the network manager server on the virtual machine.
4. This is incorrect. Using the *service mysql start* command, you can run the MYSQL server.