Quiz

**Module 4**

1. Antonio wants to create instances in the CloudStack environment. Where can he create an instance?
2. Management Server
3. Hypervisor
4. NFS server
5. REPO directory

Answers:

1. This is incorrect. Instances are the virtual machines which you create on the host or hypervisor in the CloudStack environment.
2. This is the correct answer. You can create instances on a hypervisor or a host.
3. This is incorrect. Instances are the virtual machines which you create on the host or hypervisor in the CloudStack environment.
4. This is incorrect. Instances are the virtual machines which you create on the host or hypervisor in the CloudStack environment.
5. During a CloudStack installation, you can create a pod within a cluster.
6. True
7. False

Answers:

1. This is incorrect. You cannot create a Pod within a cluster. A cluster can be created within a pod.
2. This is the correct answer. You cannot create a Pod within a cluster. A cluster can be created within a pod.
3. Which are the best practices that you can follow for managing VMs while installing CloudStack?
4. You should leave a safety margin to allow for the possibility of one or more hosts failing.
5. You should set up a limit on the CloudStack global configuration to specify the maximum number of VMs that can be created on a host.
6. You should disable the allocation of VMs in a cluster if the number is close to the maximum number that hypervisors can handle.
7. All of the above

Answers:

1. This is incorrect. All the options are correct and state the best practices to be followed for installing CloudStack.
2. This is incorrect. All the options are correct and state the best practices to be followed for installing CloudStack.
3. This is incorrect. All the options are correct and state the best practices to be followed for installing CloudStack.
4. This is the correct answer. All the options are correct and state the best practices to be followed for installing CloudStack.
5. Once a VM is destroyed, it cannot be recovered again.
6. True
7. False

Answers:

1. This is correct. Once a VM is destroyed, it cannot be recovered again and all the resources will be reclaimed by the system and reallocated to another VM.
2. This is the incorrect answer. Once a VM is destroyed, it cannot be recovered again and all the resources will be reclaimed by the system and reallocated to another VM.
3. Which of the following role provides complete access to the system?
4. Root Admin
5. Resource Admin
6. Domain Admin
7. User

Answers:

1. This is correct. Root Admin is basically a role which has a complete access to the system.
2. This is incorrect. The Resource Admin role has access to all the resources, but the main source belongs to user itself.
3. This is incorrect. Domain Admins are administrators which can perform operations for users who belong to specific domain.
4. This is the incorrect answer. Users do not have any any operational abilities on the system.

**Module 5**

1. ....................... is a logical construct that enables multi-tenancy on a single physical network.
2. Network offering
3. Hypervisor
4. Virtual Network
5. REPO directory

Answers:

1. This is incorrect. A virtual network is a logical construct which enables multi tenancy on a single physical network.
2. This is incorrect. A virtual network is a logical construct which enables multi tenancy on a single physical network.
3. This is correct. A virtual network is a logical construct which enables multi tenancy on a single physical network.
4. This is incorrect. A virtual network is a logical construct which enables multi tenancy on a single physical network.
5. Anna has installed CloudStack on a virtual machine. Now, she wants to administer the CloudStack environment. Which command would allow Anna to verify the status of the server?
6. Grep ERR/var/log/cloudstack/management/management-server.log
7. Service cloudstack-management status
8. Tail -f /var/log/cloudstack/management-server.log
9. Tail -f /var/log/cloudstack/management

Answers:

1. This is incorrect. This command enables you to use grep on the log file to see whether there are any errors.
2. This is correct. This command enables you to see the status of the server.
3. This is incorrect. This command enables you to see the latest messages generated by the management server.
4. This is the incorrect answer. This command enables you to see all the logs generated by the management server.
5. As a CloudStack administrator, you can create any number of custom network offerings.
6. True
7. False

Answers:

1. This is correct. As a CloudStack administrator, you can create any number of custom network offerings.
2. This is the incorrect answer. CloudStack administrator, you can create any number of custom network offerings.
3. What does the *Mysql -u cloud -p cloud* command allows you to do in a CloudStack environment?
4. Configurations for this network interface
5. Allows you to see the database tables
6. Tail -f /var/log/cloudstack/management-server.log
7. Tail -f /var/log/cloudstack/management

Answers:

1. This is incorrect. This command enables you see to database tables by logging into mysql database.
2. This is correct. This command enables you to see the database tables by logging into mysql database.
3. This is incorrect. This command enables you see to database tables by logging into mysql database.
4. This is the incorrect answer. This command enables you see to database tables by logging into mysql database.
5. While configuring the CloudStack environment, Peter has created two tenants, tenant A and Tenant B on a shared physical network. Now, he wants to isolate these tenants. Which of the following feature should he use for separating the tenants?
6. Virtual router
7. Network service offerings
8. Network service provider
9. Network isolate key

Answers:

1. This is correct. Peter should use network service offerings for isolating the two tenants.This is correct. Peter can use network service offerings for isolating the two tenants.
2. This is incorrect. Peter should use network service offerings for isolating the two tenants.
3. This is the incorrect answer. Peter should use network service offerings for isolating the two tenants.
4. This is the incorrect answer. Peter should use network service offerings for isolating the two tenants.