



AZ 900 Preparedness Test

Points: 52% Time: 11:24

1. Please input your First Name, and Last Name

Kenechukwu Frank

2. Please input your Organisation's name.

Reliance Info Sysytems

3. Please input your email

frank@relianceinfosystems.com

✓ **Correct**

4. What describes an organisation that does not require datacenters within it's infrastructure?

☐ Private cloud

☐ Hybrid cloud

☒ Public cloud

☐ Hyper v Host

✓ **Correct**

5. What are two characteristics of the public cloud? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

☐ dedicated hardware

☒ Self service management

☐ limited storage

☒ metered pricing

✗ **Incorrect**

6. Your company plans to migrate all its data and resources to Azure.

The company's migration plan states that only Platform as a Service (PaaS) solutions must be used in Azure.

You need to deploy an Azure environment that meets the company migration plan.

Solution: You create an Azure App Service and Azure virtual machines that have Microsoft SQL Server installed.

Does this meet the goal?

☐ Yes

☒ No

✓ **Correct**

7. Which cloud deployment model are you using if you have servers physically located at your organization's on-site datacenter, and you migrate a few of the servers to the cloud?

- ☐ private cloud
- ☐ public cloud
- ☒ hybrid cloud

✗ **Incorrect**

8. Select the answer that correctly completes the sentence.
Increasing compute capacity for an app by adding RAM or CPUs to a virtual machine is called **[answer choice]**.

- ☐ vertical scaling
- ☒ Horizontal Scaling
- ☐ disaster recovery
- ☐ high availability

✗ **Incorrect**

9. Express Route is a feature used in Azure Networking to connect

- ☒ servers to Internet facilities
- ☐ storage systems to servers within Data Centers
- ☐ Private networks with Public networks
- ☐ high Internet connection availability

✗ **Incorrect**

10. Select the answer that correctly completes the sentence.
Increasing compute capacity for an app by adding instances of resources such as virtual machines is called **[answer choice]**.

- ☒ vertical scaling
- ☐ horizontal scaling
- ☐ disaster recovery
- ☐ high availability

✓ **Correct**

11. What are cloud-based backup services, data replication, and geo-distribution features of?

- ☒ a disaster recovery plan
- ☐ an elastic application configuration
- ☐ a cost reduction plan
- ☐ a hybrid cloud deployment

✗ **Incorrect**

12. Which of the cloud deployment models cater for the provision of all of these features

Application - Data - Runtime - Middleware - OS - Virtualization - Servers - Storage - Networking.

- ☐ Onpremise
- ☐ IaaS
- ☒ PaaS
- ☐ SaaS

✗ **Incorrect**

13. What is the function of a load balancer?

- ☒ balances the load distribution of data in storage systems
- ☐ manages user access to the network
- ☐ allows even distribution of traffic to different servers
- ☐ None of the above

✓ **Correct**

14. When you move from onpremise facilities to the cloud how much of your cost expenses are you projected to save in earnings?

- ☐ 25%
- ☐ 50%
- ☒ 75%
- ☐ 100%

✗ **Incorrect**

15. Your company has datacenters in Los Angeles and New York. The company has a Microsoft Azure subscription.

You are configuring the two datacenters as geo-clustered sites for site resiliency.

You need to recommend an Azure storage redundancy option.

You have the following data storage requirements:

- ☞ Data must be stored on multiple nodes.
- ☞ Data must be stored on nodes in separate geographic locations.
- ☞ Data can be read from the secondary location as well as from the primary location

Which of the following Azure stored redundancy options should you recommend?

- ☒ Geo-redundant storage
- ☐ Read-only geo-redundant storage

- ☐ Zone-redundant storage
- ☐ Locally redundant storage

✓ **Correct**

16. What uses the infrastructure as a service (IaaS) cloud service model?

- ☐ Azure Cosmos DB
- ☐ Microsoft Office 365
- ☒ Azure virtual machines
- ☐ Azure App Services

✓ **Correct**

17. Your company has virtual machines (VMs) hosted in Microsoft Azure. The VMs are located in a single Azure virtual network named VNet1. The company has users that work remotely. The remote workers require access to the VMs on VNet1. You need to provide access for the remote workers. What should you do?

- ☐ Configure a Site-to-Site (S2S) VPN.
- ☐ Configure a VNet-toVNet VPN.
- ☒ Configure a Point-to-Site (P2S) VPN.
- ☐ Configure DirectAccess on a Windows Server 2012 server VM.

✓ **Correct**

18. Which scenarios is common billing a use cases for resource tagging?

- ☒ categorizing costs by department
- ☐ resizing underutilized virtual machines
- ☐ identifying lower cost regions

✗ **Incorrect**

19. You have an on-premises network that contains several servers. You plan to migrate all the servers to Azure. You need to recommend a solution to ensure that some of the servers are available if a single Azure data center goes offline for an extended period. What should you include in the recommendation?

- ☐ fault tolerance
- ☐ elasticity
- ☐ scalability
- ☒ low latency

✓ **Correct**

20. The ability to automatically increase or decrease onces capacity based on their current demand of traffic, memory ans computing power is described as

- ☐ Availability
- ☒ Elasticity
- ☐ Durability

✓ **Correct**

21. What can be applied to a resource to prevent accidental deletion?

- ☐ an Azure Reservation

- ☐ a policy
- ☐ a resource tag
- ☒ a resource lock

✗ **Incorrect**

22. In IaaS the Cloud Services provider is responsible for which of these tasks

- ☐ Virtualization
- ☐ Servers
- ☐ Storage
- ☒ No option listed
- ☐ i , ii and iii only
- ☐ ii and iii only
- ☐ iii only

✓ **Correct**

23. You need to ensure that multi-factor authentication (MFA) is enabled on accounts with write permissions in an Azure subscription. What should you implement?

- ☐ resource tags
- ☐ Cloud Adoption Framework
- ☐ resource locks
- ☒ Azure Policy

✗ **Incorrect**

24. Which of these cloud computing concepts focuses on the deployment and management of applications?

- ☒ SaaS
- ☐ PaaS
- ☐ IaaS
- ☐ Deployment as a Service

✓ **Correct**

25. Which of these describes cloud computing?

- ☐ Compute
- ☐ Storage
- ☐ Networking
- ☒ All of the above
- ☐ None of the above

✗ **Incorrect**

26. You have a team of Linux administrators that need to manage the resources in Azure. The team wants to use the Bash shell to perform the administration. What should you recommend?

- ☐ Azure Blueprint
- ☐ Azure CLI
- ☒ Azure Powershell

☐ Azure Resource Manager (ARM) template

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