

Azure-AZ-900-Udemy-Practice-Test-1

1. When it comes to Azure services in private preview, would all Azure customers be able to use the service?

- Ans: No
- For services in private preview, customers must request access to the service.

2. Your company is planning on using the Container App service. Would the Azure Container service which is in public preview have a Service Level Agreement (SLA)?

- Ans: No
- There is no SLA defined for services in public preview

3. Your company is planning on setting up multiple subscriptions. These subscriptions are being used by multiple departments within the company. Would the company be able to use one Microsoft account to manage the multiple subscriptions?

- Ans: Yes
- Yes, you can use one single Microsoft account to manage multiple subscriptions.

4. Your company is planning on setting up multiple subscriptions. These subscriptions are being used by multiple departments within the company. Would the company be able to merge the subscriptions at a later point in time?

- Ans: No
- It is not possible to merge subscriptions

5. Your company is planning on setting up multiple subscriptions. These subscriptions are being used by multiple departments within the company. Can a resource group contain multiple Azure subscriptions?

- Ans: No
- A resource group contains resources and not subscriptions.

6. Your company is planning on setting up multiple Azure resources as part of their Azure subscription. The company wants to ensure the highest SLA possible for the deployed Azure resources. Can they accomplish this by setting up multiple subscriptions?

- Ans: No
- Having multiple subscriptions does not help to increase the SLA

7. Your company is planning on setting up multiple Azure resources as part of their Azure subscription. The company wants to ensure the highest SLA possible for the deployed Azure resources. Which of the following is guaranteed by Microsoft when it comes to the SLA defined for the various Azure services?

- Ans: Uptime
- When it comes to SLA , the uptime is guaranteed for Azure services.

8. Your company currently has a set of Azure virtual machines deployed to a subscription named SubscriptionA. Can they move the Azure virtual machines to a different subscription named SubscriptionB?

- Ans: Yes
- Yes, you can move Azure virtual machines to different subscriptions

9. A company currently has an Azure subscription and an Microsoft Entra ID tenant. They have users and groups defined in the tenant. They also have virtual machines deployed to the Azure subscription. They are looking at ways on reducing costs for their overall Azure environment. Would the deletion of Microsoft Entra ID users help to reduce costs?

- Ans: No
- Users and Groups are free when it comes to Microsoft Entra ID. Hence this will not help in cost reduction.

10. A company currently has an Azure subscription and an Microsoft Entra ID tenant. They have users and groups defined in the tenant. They also have virtual machines deployed to the Azure subscription. They are looking at ways on reducing costs for their overall Azure environment. Would the deletion of Microsoft Entra ID groups help to reduce costs?

- Ans: No
- Users and Groups are free when it comes to Microsoft Entra ID. Hence this will not help in cost reduction.

11. A company currently has an Azure subscription and an Microsoft Entra ID tenant. They have users and groups defined in the Microsoft Entra ID tenant. They also have virtual machines deployed to the Azure subscription. They are looking at ways on

reducing costs for their overall Azure environment. Would the deletion of public IP addresses help to reduce costs?

- Ans: Yes
- Yes, this can help because there is a cost associated with Public IP addresses.

12. Your company wants to deploy a set of Azure Web Apps as part of their Azure subscription. Which of the following URL must be used to manage the Azure Web Apps?

- Ans: <https://portal.azure.com>

13. Your company wants to deploy a set of Azure virtual machines as part of their Azure subscription. They want to ensure that the machines are delegated with the same set of permissions. Which of the following must be done to ensure this requirement is met?

- Ans: Deploy the machines to the same resource group
- You can deploy the machines to the same resource group. Then assign permissions to the resource group and the machines will inherit the same permissions.

14. Your company wants to deploy a set of resources as part of their Azure subscription. They want the resources to only be deployed to the East US location. Which of the following can help meet this requirement?

- Ans: Azure Policy
- You can define a policy to ensure that resources are deployed to a certain location only.

15. Your company is planning on deploying a set of Azure virtual machines. An application is going to be hosted on the set of virtual machines. They want to ensure the following requirement is met

“Users must be able to access the application quickly from the Internet”

Which of the following term best describes the above requirement?

- Ans: Low Latency
- By having low latency, you will be able to access your applications quickly from the Internet.

16. Your company is planning on deploying a set of Azure virtual machines. An application is going to be hosted on the set of virtual machines. They want to ensure the following requirement is met

“The application infrastructure needs to perform as per expectations even when the demand increases”

Which of the following term best describes the above requirement?

- Ans: Scalability
- This is the concept of scalability wherein the infrastructure can scale based on demand.

17. Your company is planning on deploying a set of Azure virtual machines. An application is going to be hosted on the set of virtual machines. They want to ensure the following requirement is met

“The application infrastructure must be available even in the event of a failure”

Which of the following term best describes the above requirement?

- Ans: Fault tolerance

18. You’re planning on using an Azure Free account. Do you only get access to a subset of services when using the Azure Free account?

- Ans: No
- You get access to all services when using the Azure Free Account

19. You’re planning on using an Azure Free account. Can you create multiple Azure Free accounts with use of the same Microsoft account?

- Ans: No
- You can only create one Azure Free Account with the use of one Microsoft Account

20. Your company has an Azure virtual machine that has a lock. The virtual machine needs to be deleted. Which of the following must be done to ensure the machine can be deleted?

- Ans: Delete the lock and then delete the machine
- You must delete the lock first before you can delete the Azure virtual machine.

21. Your company is planning on using Microsoft Entra ID for their Azure account. Does Microsoft Entra ID have the ability to both authenticate and authorize to use Azure resources?

- Ans: Yes

- Yes, Microsoft Entra ID within Azure provides both authentication and authorization services.

22. Your company is planning on using Microsoft Entra ID. Can you provide access to Azure resources only to identities stored within Microsoft Entra ID?

- Ans: No
- You can provide access to external identities as well.

23. Your company is planning on deploying a set of web applications with the use of Azure-based resources. They want to secure the web applications from Internet-based attacks. They also want to get reports on details of attacks when they occur. Which of the following can be used for this requirement?

- Ans: Azure DDoS protection
- You can protect your Azure resources with the use of Azure DDoS protection services.

24. Your company is planning on deploying a set of Azure virtual machines across Availability Zones. Which of the following does Azure Availability Zones help to protect against?

- Ans: Azure data center failure
- Azure Availability Zones help to protect against Azure data center failures.

25. Your company is planning on deploying two Azure virtual machines named appvm and demovm. You have to ensure that appvm can't connect to demovm. Which of the following can be done to ensure that the virtual machines cannot connect to each other?

- Ans: Deploy the virtual machines to different Azure virtual networks
- You can deploy the virtual machines to different Azure virtual networks. By default, each virtual network is isolated from each other.

26. Which of the following is a resource that is required by Azure Cloud Shell?

- Ans: Azure Storage Accounts
- In order to use Azure Cloud Shell, it needs to have an Azure Storage Account in place.

27. A company is evaluating the cost of hosting applications on the Azure platform. They are currently evaluating data transfer costs from their on-premises infrastructure to Azure. Is there a charge for Data Transfer into Azure Data Centers?

- Ans: No
- There are no Data Transfer costs when data is being transferred to Azure.

28. A company is evaluating the cost of hosting applications on the Azure platform. They are currently evaluating data transfer costs from their on-premises infrastructure to Azure. Is there a charge for Data Transfer out of Azure Data Centers?

- Ans: Yes
- There are Data Transfer costs associated when data is being transferred out of Azure.

29. A company is planning on hosting an application on a set of virtual machines. The application needs to run 24x7 on the virtual machines and aim for the highest possible SLA. The company is looking for ways to reduce the costs associated with hosting the application. Would the use of Reserved virtual machines help to reduce the costs?

- Ans: Yes
- Here the company can opt for pay the costs for a one year or three years to reduce the overall cost for the virtual machine.

30. Your company has deployed an Azure Web App, Would the company's IT administrator have full control over the operating system hosting the web application?

- Ans: No
- The Azure Web App service is a platform as a service. Here the infrastructure is completely managed by the service. The administrators will not have administrative privileges over the underlying system.

31. Your company has deployed an Azure Web App. Would the web app have the ability to scale automatically?

- Ans: Yes
- The right App Service Plan will allow you to scale your web application automatically.

32. Your company is planning on using a Software-as-a-service solution. Which of the following would you be responsible for when it comes to the Software-as-a-Service solution?

- Ans: Configuration of the solution

- When it comes to a Software-as-a-service solution, all aspects such as Installation, Disaster recovery, High Availability is normally provided by the service itself. You just need to configure the solution.

33. Your company has deployed an Azure virtual machine. Would you be paying for the storage costs associated with the machine?

- Ans: Yes

34. Your company currently has the following Azure virtual machines defined as part of their subscription

Name	Region	Size	Resource Group
appvm1	East US	Standard D2s v3	app-grp
appvm2	East US	Standard D2s v3	app-grp

Would appvm1 and appvm2 generate the same monthly costs?

- Ans: No
- The costs of the machine can vary on a month-by-month basis. Here the size of the VM's is the same. But if one machine is turned off during some time in the month, the costs for that machine would be less. So, the costs do vary.

35. Your company currently has the following Azure virtual machines defined as part of their subscription

Name	Region	Size	Resource Group
appvm1	East US	Standard D2s v3	app-grp
appvm2	East US	Standard D2s v3	app-grp

The company wants to ensure that appvm1 and appvm2 are available even if an Azure data center goes down. Which of the following is the concept that needs to be considered for this requirement?

- Ans: Fault tolerance
- Here you are considering how tolerant you are making your infrastructure to faults.

36. Your company currently has servers in their on-premises data center. They want to decommission their data center. Which of the following must they do before they can accomplish their goal?

- Ans: Establish a public cloud architecture
- Here the company needs to ensure that they move all their workloads from their on-premises data center to the cloud before they can decommission their data center.

37. A company is planning on using Azure Cloud services. Which of the following are benefits of using Azure Cloud services?

- Ans: You get a pay-as-you-go pricing when it comes to using the cloud services
- You can perform self-service management for the deployment of resources

38. Your company is planning on using the Azure Web App service. They are going to be migrating an existing web application from their on-premises data center to the Azure Web App service instance. Which of the following must they consider in this implementation?

- Ans: They would need to consider paying a monthly cost for hosting the web application on Azure.

39. Your company currently has an Azure subscription. The IT administrator needs to run a PowerShell script that will be used to create a set of Azure virtual machines. Can they run the script on a Linux-based machine that has PowerShell installed?

- Ans: Yes
- Yes, you can have PowerShell running on Linux machines that can run the PowerShell script.

40. Your company currently has an Azure subscription. The IT administrator needs to run a PowerShell script that will be used to create a set of Azure virtual machines. Can they run the script on a Linux-based machine that has Azure CLI installed?

- Ans: No
- Azure CLI is used for running CLI commands only.

41. Your company currently has an Azure subscription. The IT administrator needs to run a PowerShell script that will be used to create a set of Azure virtual machines. Can they run the script on a Linux-based machine that make uses of Azure Cloud Shell?

- Ans: Yes
- You can run Azure Cloud Shell on virtually any browser on any machine.

42. Your company has a set of Azure virtual machines and a set of Azure virtual networks. They want to have the ability to restrict the inbound traffic to the Azure virtual networks. Which of the following can be used for this requirement?

- Ans: Azure Firewall
- You can use the Azure Firewall service to have restrictions in place when it comes network traffic to your Azure virtual networks.

43. Your company wants to use the various services Azure has to offer. Which of the following can be used for the below requirement?

“Be able to provide cost recommendations for an Azure environment”

- Ans: Azure Advisor

44. Your company wants to use the various services Azure has to offer. Which of the following can be used for the below requirement?

“Be able to provide a monitoring solution for web applications”

- Ans: Azure Application Insights

45. Your company wants to use the various services Azure has to offer. Which of the following can be used for the below requirement?

“Provide a solution for management of code and for continuous integration of applications”

- Ans: Azure DevOps

46. Your company wants to use the various services Azure has to offer. Which of the following can be used for the below requirement?

“Provide a serverless service for hosting code”

- Ans: Azure Functions

47. Which of the following service allows you to map a drive to storage from a Windows 10 machine?

- Ans: Azure Storage Account – File service
- You can create map drives with the use of the File service.

48. Which of the following is the ideal database service that can be used for storing JSON-based documents?

- Ans: Azure Cosmos DB
- You can use the SQL API in Azure Cosmos DB to host JSON-based documents.

49. Your company is planning on deploying a set of resources to Azure. They are going to be part of the following Azure resource group

app-grp East US

Do all the resources in the resource group app-grp need to be deployed to the East US location?

- Ans: No
- It's not necessary that you need to deploy the resources in a resource group to the same location as that of the resource group. The resource can be in a different location from the location of the resource group.

50. You have resources deployed to a resource group app-grp. Tag Department:HR is applied to app-grp. Would the resources in app-grp inherit the same tag?

- Ans: No
- The resources in a resource group don't inherit the tags.

51. You have the following role applied at the resource group level? Would the permissions be applied to the resources within the resource group?

- Ans: Yes
- Yes, the permissions are inherited by the resources within the resource group.

52. Which of the following provides a management layer for creating, updating, and deleting resources in your Azure account? It also helps in implementing consistency across your Azure environment.

- Ans: Azure Resource Manager

53. Your company wants to use the various services Azure has to offer. Which of the following can be used for the below requirement?

“Be able to host a web application on the Azure platform”

- Ans: Azure App Service

54. Your company wants to use the various services Azure has to offer. Which of the following can be used for the below requirement?

“Provide an analytics service that can be used for the purposes of machine learning ”

- Ans: Azure Databricks

55. Your company wants to use the various services Azure has to offer. Which of the following can be used for the below requirement?

“Provide a service that can help build an online digital assistant”

- Ans: Azure AI Bot

56. Your company needs to deploy an application on a set of virtual machines. You must ensure that the deployed solution provides an SLA of 99.99%.

What is the minimum number of virtual machines that need to be deployed for this requirement?

- Ans: 2
- To achieve an availability of 99.99% for your virtual machine infrastructure, you need to deploy a minimum of two virtual machines across two or more Availability zones.

57. Your company is planning on setting up Azure Multi-Factor Authentication. Is it possible to setup Azure Multi-Factor Authentication for non-administrative accounts?

- Ans: Yes
- You can setup Azure Multi-Factor Authentication for both administrative and non-administrative accounts.

58. Your company is planning on setting up Azure Multi-Factor Authentication. Do you need to deploy any specialized hardware to implement Azure Multi-Factor Authentication?

- Ans: No
- This is not required , because this is a completely managed feature. You don't need any sort of on-premises solution or federation to use the Azure Multi-Factor Authentication feature.

59. Which of the following is a dedicated public cloud offering for state agencies in the United States?

- Ans: Azure Government

60. Which of the following is responsible for defining international standards across industries?

- Ans: International Organization for Standardization (ISO)

61. Your company is planning on deploying the following virtual machines to their Azure subscription

- webserver - East US - app-grp
- dbserver - East US - app-grp

Which of the following can be used to ensure that only requests from webserver are allowed onto the dbserver?

- Ans: Azure Network Security Groups
- You can limit the traffic flowing into an Azure virtual machine with the use of Network Security Groups

62. Your company is planning on deploying a set of resources to Azure. They are going to be part of the following Azure resource group

app-grp - East US

You have to prevent the deletion of resources that are deployed to the app-grp resource group.

Which of the following can be used for this requirement?

- Ans: Azure Locks
- You can prevent the accidental deletion of resources with the use of Azure resource locks

63. When it comes to Azure services in public preview, would all Azure customers be able to use the service?

- Ans: Yes
- Services in public preview are available to all customers.

64. Your company is planning on using Azure Resource Manager templates to deploy resources as part of their Azure subscription. Which of the following type should the template file be created as?

- Ans: JSON
- The Azure Resource Manager template files need to be in JSON format.

65. Which of the following operating systems are supported when it comes to Azure Virtual Desktop? Choose 2 answers from the options given below

- Ans
 - Windows 10
 - Windows 11

66. Can you use Azure Virtual Desktop for desktop virtualization?

- Ans: Yes
- Yes, Azure Virtual Desktop has support for desktop virtualization

67. Can you use Azure Virtual Desktop for application virtualization?

- Ans: Yes
- Yes, Azure Virtual Desktop has support for application virtualization

68. Your company has just setup an Azure account. For a certain set of users, they want to ensure additional layers of security are added to identify the user. Which of the following can be used for this requirement?

- Ans: Multi-Factor Authentication

69. Which of the following can be used to understand the security and compliance adopted by Microsoft when it comes to their products?

- Ans: Microsoft Trust Center

70. Your company is planning on making use of Azure Blueprints. Can you add Azure Resource Manager templates to an Azure Blueprint?

- Ans: Yes
- Yes, you can add Azure policies, Azure RBAC, ARM templates and resource groups.

71. Your company has the following Azure storage accounts.

appstore5665656 is based on Standard storage

newstore4555445 is based on Premium file storage

Can you store blobs in the Cool Access tier in appstore5665656?

- Ans: Yes
- Yes, this is possible with Standard storage accounts

72. Your company has the following Azure storage accounts.

appstore5665656 is based on Standard storage

newstore4555445 is based on Premium file storage

Can you store file shares in the Cool Access tier in newstore4555445?

- Ans: No
- No, the Cool Access tier is not possible with Premium file shares.

73. Your team is planning on using Azure Cloud Shell to manage resources as part of an Azure subscription. Do they need to install any tool to make use of Azure Cloud shell?

- Ans: No
- No, this is a web interface that can be accessed from any browser. Hence no installation is needed.

74. Can you use Azure PowerShell on a macOS device?

- Ans: Yes

75. Can you set the access tier to the Archive access tier at the storage account level?

- Ans: No
- The Archive access tier can only be set at the individual blob level.

76. Your company is planning on setting up an Azure virtual machine scale set resource as part of their Azure subscription. Can the machines in the scale set scale up automatically based on demand?

- Ans: Yes
- Yes, this is part of the core feature of the Azure virtual machine scale set service.

77. Your company is planning on setting up an Azure virtual machine scale set resource as part of their Azure subscription. Can the machines in the scale set scale

down automatically based on demand?

- Ans: Yes
- Yes, this is part of the core feature of the Azure virtual machine scale set service.

78. Your company is planning on setting up resources as part of their Azure subscription. For which of the following would the company need to take care of when it comes to software patches and updates?

- Ans: Azure virtual machines
- When it comes to managing software patches , you need to apply this for Azure virtual machines. The remaining services are all managed services where the patching is managed by Azure.

79. Your company has an Azure virtual machine and an Azure storage account located in the East US location. An application hosted on the Azure virtual machines interacts with the Azure storage account. You have to ensure the traffic between the Azure virtual machine and the Azure storage account is not routed via the Internet. Which of the following can be used for this requirement?

- Ans: Service Endpoints
- You can make use of the Service endpoints to secure the communication between the Azure virtual network holding the virtual machine and the Azure storage account.

80. Your company is planning on using Azure Resource Manager templates. Can you make use of a single ARM template to deploy multiple resources to Azure?

- Ans: Yes
- Yes. You can deploy multiple resources with the use of the single ARM template.

81. Your company is planning on using Azure Resource Manager templates. Can you deploy the templates via the Azure Portal?

- Ans: Yes
- Yes, you can deploy ARM templates via the Azure Portal.

82. Which of the following service can be used to deploy a file share to Azure?

- Ans: Azure Storage account

83. Which of the following service can be used to quickly convert a Windows Server into a quick cache of Azure file shares?

- Ans: Azure File Sync
- Azure File Sync can be used to quickly convert a Windows Server into a quick cache of Azure file shares.

84. Your company has setup an Azure subscription and an Azure AD tenant. They are going to be deploying resource across resource groups in the Azure subscription. Would they be able to use Azure Cost Management to see costs associated with the resource groups?

- Ans: Yes
- Yes, you can use Azure Cost Management to see the cost of resources across resource groups.

85. Which of the following redundancy option is possible with storage accounts based on Premium block blobs?

- Locally redundant storage
- Zone-redundant storage
- When it comes to Premium block blobs, there is support for Locally redundant storage and Zone-redundant storage in certain regions.

86. Can the Azure Advisor tool give recommendations on how to improve the reliability of resources deployed to your Azure account?

- Ans: Yes
- The Azure Advisor tool gives recommendations in various categories that include cost, performance and reliability.

87. Can the Azure Advisor tool generate alerts on new recommendations?

- Ans: Yes

88. Your company wants to deploy a file server to their on-premises network. They want to be able to synchronize files from their Azure Storage account to the file server. Which service would be part of the implementation?

- Ans: Azure Files
- You can achieve this with the help of Azure Files and the Azure File Sync service.

89. Your company wants to deploy a set of resources onto Azure in a repeatable manner. Which of the following could be used for this requirement?

- Ans: Azure Resource Manager templates
- You can build ARM templates to deploy resources in a repeatable manner.

90. Which of the following service provides a centralized way to manage non-Azure resources into Azure Resource Manager?

- Ans: Azure Arc

91. Is it possible to deploy an ARM template via the Azure Portal?

- Ans: Yes

92. You are planning on using the Azure Virtual Machine Scale Set service. Is this service an example of Horizontal scaling for your infrastructure?

- Ans: Yes
- Yes, this service is based on the concept of Horizontal scaling.

93. Your company is planning on setting up an ExpressRoute connection via a local provider. Does the connection connect the on-premises network to Azure via the use of the Internet?

- Ans: No
- Azure ExpressRoute is a dedicated and private connection that does not go via the Internet.

94. Your company wants to manage their on-premises servers via the use of the Azure Portal. Which of the following could be used for this requirement?

- Ans: Azure Arc
- You can manage your on-premises servers via the Azure Portal with the help of Azure Arc.

95. Which of the following service within Azure Storage Accounts can be used to provide a message service across multiple components of an application?

- Ans: Queue Storage
- Queue Storage can be used to provide a messaging service.

96. ___ allows you to review the secure score for your subscription.

- Ans: Microsoft Defender for Cloud
- You can review the secure score from Microsoft Defender for Cloud.

97. You would consider using the __ access tier in Azure Storage accounts for storage of long-term backups.

- Ans: Archive

98. You are planning on using Azure Virtual Desktop. Which of the following is not a supported operating system image when it comes to a Virtual Desktop session host?

- Ans: Windows 8

99. __ is an authentication method that allows users to sign in using one set of credentials to multiple software systems

- Ans: Single sign-on

100. You have created a Premium-based Azure Storage account based on Block blobs. Can you set the access tier for the objects in the storage account to the Cool access tier?

- Ans: No
- The access tiers of Cool and Archive are not available for Premium-based storage accounts.

101. Your company has a resource group that has critical resources deployed to it. They want to ensure that no one accidentally deletes the resource group. Which of the following can be used for this requirement?

- Ans: Azure resource locks

102. Your company is planning on deploying a set of virtual machines to Azure. The machines will be used for hosting an application. The company wants to ensure that the application would still function even in the event of a data center level failure. Which of the following could be used for this requirement?

- Ans: Deploy the machines across Availability zones.