Azure-AZ-900-Udemy-Practice-Test-2

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

"Allow the development team to build, test and deploy a predictive analytics solution"

- Ans: Azure Machine Learning Designer

2. 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 run high-performance computing workloads in parallel"

- Ans: Azure Batch

3. 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 design and run workflows in Azure"

- Ans: Azure Logic Apps

4. Your company is planning on deploying a set of resources as part of their Azure subscription. They want to make use of Azure Availability Zones. If an Azure virtual machine needs to be deployed to an Azure Availability Zone, does the underlying operating system of the machine need to be Windows Server 2022?

- Ans: No
- Even Linux virtual machines can be deployed across Availability Zones.

5. Your company is planning on deploying a set of resources as part of their Azure subscription. They want to make use of Azure Availability Zones. Would data be automatically replicated across Availability Zones?

- Ans: No
- Data is not replicated automatically across Availability Zones.

6. A company wants to migrate their applications onto Azure. They want to make use of Azure PaaS services. Which of the following are services they can use for this

requirement?

- Azure Web Apps
- Azure SQL databases
- Azure Storage Accounts

7. Your company currently has an on-premises network. They want to have a hybrid cloud setup in place. Can they simply just extend their internal network with the use of the public cloud?

- Ans: Yes
- Yes, this is the entire purpose of the hybrid cloud setup wherein you can extend your on-premises network to the cloud.

8. Your company currently has an on-premises network. They want to have a hybrid cloud setup in place. Would the company need to migrate from their private cloud to achieve the hybrid cloud setup?

- Ans: No
- The hybrid cloud is an extension of the private cloud with the public cloud. They don't have to get rid of their private cloud setup.

9. Your company wants to migrate their on-premises virtual machines to Azure. They are planning on using the Azure Pay-As-You-Go subscription. Which of the following expenditure will the company incur when moving to Azure?

- Ans: Operational
- With the Pay-As-You-Go, you only pay for how much you use. This counts as an operational expenditure.

10. 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 monitor the health of Azure services"

- Ans: Azure Monitor

11. 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 view security recommendations for your Azure environment"

- Ans: Azure advisor

12. 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 browse and choose various virtual machine images"

- Ans: Azure Marketplace

13. Your company wants to store certificates that can be used by web applications. Which of the following service can be used to store certificates?

- Ans: Azure Key Vault
- You can use the Azure Key Vault service to store your secrets, encryption keys and certificates

14. Your company has set the following Azure General Purpose V2 storage accounts

appstore1000 East US app-grp1
appstore2000 West US app-grp2

If 2 TB of data is stored in appstore1000 and appstore2000 respectively, would the storage cost per month be the same for both storage accounts?

- Ans: No
- The cost of a service also depends on the region. And here both storage accounts are located in different regions.

15. Your company has set the following Azure General Purpose V2 storage accounts

appstore1000 East US app-grp1
appstore2000 West US app-grp2

Would you be charged only for data stored in the storage accounts?

- Ans: No
- You are also charged on other aspects for storage accounts , such as the read and write requests made to the storage account.

16. Your company has set the following Azure General Purpose V2 storage accounts

appstore1000 East US app-grp1

appstore2000 West US app-grp2

Would you be charged for data transfer between appstore1000 and appstore2000?

- Ans: Yes
- Yes, data transfer across regions is chargeable.

17. Your company has setup an Azure subscription and a Microsoft Entra ID tenant. Can they make use of Microsoft Entra ID to provide authentication for both resources hosted in Azure and in Microsoft 365?

- Ans: Yes
- Yes, Azure AD is used as an identity provider for both Azure and Microsoft 365

18. Your company has setup an Azure subscription and an Microsoft Entra ID tenant. Can you assign multiple licenses to a user defined in Microsoft Entra ID?

- Ans: Yes
- Yes, you can assign multiple licenses to a user defined in Azure AD.

19. Your company is planning on using the Azure Advisor tool. The company is planning on implementing the security recommendations provided via the Azure Advisor tool. Would the security score of the company increase if they implement those recommendations?

- Ans: Yes
- Yes, the security score will increase if they implement the security recommendations.

20. Your company is planning on using the Azure Advisor tool. The company is planning on implementing the security recommendations provided via the Azure Advisor tool. Is it required to implement the security recommendations to get continued support from Microsoft?

- Ans: No

21. Your company is planning on hosting a web site that will be hosting video files. Users from across the world are going to be accessing the video files. You must ensure that all users get an ideal experience when accessing the video files from anywhere in the world. Which of the following service can be used for this requirement?

- Ans: Azure Content Delivery Network
- You can use the Azure Content Delivery Network service to distribute web traffic to users across the world.

22. An IT administrator wants to manage a set of Azure virtual machines via his iPhone device. Which of the following can be used for this requirement? Choose 2 answers from the options given below

- Azure Portal
- Azure Cloud Shell
- From the iPhone device, the IT administrator can launch the browser and use the Azure Portal and Azure Cloud Shell to work with the resources.

23. A company has an on-premises Microsoft Active Directory setup. Can the identities in the on-premises Active Directory be synced onto Microsoft Entra ID?

- Ans: Yes
- Yes, you can make use of a tool known as Microsoft Entra Cloud Sync to synchronize identities from the on-premises Active Directory to Microsoft Entra ID.

24. Your company is currently evaluating costs when it comes to deployment of application infrastructure. They are planning on using the Azure Pay-As-You-Go pricing when it comes to Azure. Does it fall under Capital Expenditure?

- Ans: No
- The Azure Pay-As-You-Go pricing falls under operational expenditure.

25. Your company is currently evaluating costs when it comes to deployment of application infrastructure. They are planning on buying Azure Reserved Instances when it comes to the virtual machine service. Does it fall under Capital Expenditure?

- Ans: Yes
- With Reserved Instances, you are paying an amount upfront to purchase reserved capacity.

26. Your company is planning on deploying a set of Azure virtual machines. They are considering both the Pay-As-You-Go pricing and Azure Reservations. Would the company pay less when it comes to an Azure Reservation than the Pay-As-You-Go pricing?

- Ans: Yes

- With Azure Reservations, you tend to get discounts over the Pay-As-You-Go pricing.

27. You currently have a lock defined for an Azure virtual machine. Can you add another Delete lock for the virtual machine?

- Ans: Yes
- You can have multiple locks defined for an Azure resource.

28. You currently have a lock defined for an Azure virtual machine. Can you add another Delete lock for the virtual machine?

- Ans: Yes
- You can have multiple locks defined for an Azure resource.

29. Would a lock defined at the resource group level be applied to the resources within the resource group?

- Ans: Yes
- The locks are inherited by the resources within the resource group.

30. Your company has an Azure subscription and an on-premises network. They want to use Azure Monitor for monitoring purposes. Can they use Azure Monitor to also monitor the performance of their on-premises servers?

- Ans: Yes
- Azure Monitor can be used to monitor both Azure services and your on-premises machines as well.

31. Your company has an Azure subscription and an on-premises network. They want to use Azure Monitor for monitoring purposes. Can they use Azure Monitor to send alerts to groups defined in Microsoft Entra ID?

- Ans: Yes
- Yes. Alerts can be sent via action groups to groups defined in Microsoft Entra ID.

32. Which of the following is provided by the Azure Site Recovery service for Azure virtual machines?

- Ans: Disaster Recovery

33. Your company is planning on using Microsoft Defender for Cloud. Are all of the features free when it comes to using Microsoft Defender for Cloud?

- Ans: No
- There are features which need to be paid for when using Microsoft Defender for Cloud.

34. Your company is planning on using Microsoft Defender for Cloud. Can you get a regulatory compliance report when it comes to Microsoft Defender for Cloud?

- Ans: Yes
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35. Which of the following can be used to send email alerts when the cost of the current billing period exceeds a particular threshold?

- Ans: Budget alerts

36. Your company is planning on setting up multiple resource groups and Azure virtual machines. Can they place an Azure virtual machine as part of multiple resource groups?

- Ans: No
- An Azure resource can only be part of one resource group.

37. Your company has just setup an Azure subscription and a Microsoft Entra ID tenant. They want to make use of Microsoft Entra ID security users and groups. Are Microsoft Entra ID security users organized with the use of resource groups?

- Ans: No
- Microsoft Entra ID users can be organized via the use of Microsoft Entra ID Groups.

38. A company is planning on building their own Data Center. Does this fall under the category of Operational Expenditure?

- Ans: No
- This is an investment that needs to be made upfront by the company. Hence this falls under the category of Capital Expenditure.

39. You need to match the right definition to the description. Which of the following maps to the following description?

"This features datacenters deployed within a latency-defined perimeter. And they are connected through a dedicated regional low-latency network"

- Ans: Azure Region

40. You need to match the right definition to the description. Which of the following maps to the following description?

"These are separate physical locations within each region that are tolerant to local failures"

- Ans: Azure Availability Zone

41. Your company has just setup an Azure subscription and an Microsoft Entra ID tenant. They want to use several features that are available on the Azure platform. Which of the following service can give a security score for an Azure subscription to help understand how secure the Azure environment really is?

- Ans: Microsoft Defender for Cloud

42. You're configuring a Network Security Group Inbound security rule that is attached to the network interface of an Azure virtual machine. Can you add an IP address as a source in the Network Security Group?

- Ans: Yes
- You can add an IP address, a Service Tag or an Application Security Group as the source.

43. You're configuring a Network Security Group Inbound security rule that is attached to the network interface of an Azure virtual machine. Can you add an Application Security Group as a source in the Network Security Group?

- Ans: Yes
- You can add an IP address, a Service Tag or an Application Security Group as the source.

44. Which of the following is a collection of Azure Policy definitions?

- Ans: An initiative
- This is known as an Azure Policy initiative.

45. Your company is trying to decide on the right cloud model to implement. Which of the following does not require the company to invest in any capital expenditure?

- Ans: Public Cloud
- With the use of the Public Cloud, the company can just invest on operational expenses.

46. Your company is trying to decide on the right cloud model to implement. Which of the following would allow the company to control all security aspects for their infrastructure?

- Ans: Private Cloud
- This is possible when the company has their own private deployment. Then here they can control all security aspects of the infrastructure.

47. Your company has a set of Azure virtual machines. They want the IT Administrative team to be notified when someone stops an Azure virtual machine. Which of the following service can be used for this requirement?

- Ans: Azure Monitor
- You can create alerts from within Azure Monitor to alert users if actions are performed on Azure-based resources.

48. Your company is planning on setting up Azure virtual machines as part of their Azure subscription. They are looking at the various costing aspects when it comes to hosting Azure virtual machines. The Azure virtual machines are going to be deployed across various regions. Would the cost of the virtual machines vary across regions?

- Ans: Yes
- Yes, the cost of Azure resources varies across regions.

49. Your company is planning on setting up Azure virtual machines as part of their Azure subscription. They are looking at the various costing aspects when it comes to hosting Azure virtual machines. They are also looking at Azure Reservations. Can they reserve server capacity at a data center level?

- Ans: Yes

50. Your company is evaluating the use of Azure DevOps services. Can they create Continuous Integration and Continuous Delivery Pipelines for their applications with the use of Azure DevOps?

- Ans: Yes
- You can use the Pipelines feature in Azure DevOps Services for this requirement

51. Your company is evaluating the use of Azure DevOps services. Can they make use of Git repositories in Azure DevOps for hosting code?

- Ans: Yes
- Yes, you can make use of Azure Repos for this requirement

52. Your company is evaluating the use of Azure DevOps services. Can they host web applications on Azure DevOps?

- Ans: No
- Azure DevOps is not used for hosting applications

53. Which of the following service can be used as an Apache Spark-based analytics service?

- Ans: Azure Databricks
- You can use Azure Databricks as an Apache Spark-based analytics service

54. Which of the following access tier is recommended for data that is accessed and modified frequently?

- Ans: Hot
- Hot access tier is recommended for this requirement

55. Which of the following access tier is recommended for long-term backups?

- Ans: Archive

56. Which of the following service can be used to manage the deployment of containers?

- Ans: Azure Kubernetes

57. Which of the following service on Azure can be used for security information and event management?

- Ans: Microsoft Sentinel

58. Your company has just setup an Azure subscription and an Microsoft Entra ID tenant. They want to setup access permissions for the various users defined in Microsoft Entra ID. Can you assign the Contributor role to multiple users at the resource group level?

- Ans: Yes
- Yes, you can assign the same role, whether it be the Reader, Contributor or Owner role to various users.

59. When using a Software-as-a-Service , are you responsible for applying all software updates to the underlying system?

- Ans: No
- No, this will be done by the vendor providing the software solution.

60. When using Infrastructure-as-a-Service, are you responsible for installing the required software?

- Ans: Yes
- Yes, here you are managing the service such an Azure virtual machine. You then need to install the software on the Azure virtual machine.

61. Your company is planning on using an Azure Storage account. They will be uploading objects using the Blob services. Does Azure storage accounts automatically replicate data to another data center?

- Ans: No
- By default, Azure Storage accounts will make three copies of the data in the same primary region, but not necessarily to another data center.

62. Your company is planning on using an Azure Storage account. They will be uploading objects using the Blob services. Does Azure storage accounts automatically create three copies of your data?

- Ans: Yes
- Yes, by default Azure Storage Accounts create three copies of your data.

63. Your company has a set of resources deployed within a resource group. If they delete the resource group, would it delete all of the resources within the resource group?

- Ans: Yes
- By deleting the resource group, it would delete all of the resources within the resource group.

64. Your company has a set of resources deployed across several resource groups. Can a resource in one resource group access a resource in another resource group?

- Ans: Yes

65. Which of the following service can give you cost recommendations on Azure?

- Ans: Azure Advisor

- Azure Advisor can give a lot of recommendations. One of them is recommendations on the cost

66. Which of following would you use to purchase third-party software and deploy it to an Azure subscription?

- Ans: Azure Marketplace

- You can use the Azure Marketplace to purchase software and then deploy it as part of your Azure subscription.

67. Which of the following is used to take advantage of unused capacity when it comes Azure compute capacity?

- Ans: Azure Spot Virtual Machines

- Azure Spot Virtual Machines make use of unused capacity when it comes Azure compute capacity

68. Which of the following can be used to deploy complete environments in Azure which include Azure resources, resource groups and Azure policy assignments?

- Ans: Azure Blueprints

- You can use Azure Blueprints to deploy resources with the use of ARM templates. You can also deploy policy assignments as well.

69. You have an Azure virtual machine that is in the Stopped (deallocated) state. Would you still incur costs even if the virtual machine is not running?

- Ans: Yes

- Yes, you can incur costs for the disks attached to the virtual machine.

70. Which of the following service collects signals from users during the sign-in process and then decides whether to allow or deny access to the user?

- Ans: Conditional Access

- This action is performed by Conditional Access in Azure Active Directory

71. Which of the following explains the following

"Personal data Microsoft processes, how Microsoft processes it, and for what purposes."

- Ans: Microsoft Privacy statement

72. Which of the following are compute services on the Azure platform?

- Azure virtual machine
- Azure container instance

73. You have configured an Azure virtual machine scale set. Can you automatically increase the number of machines in the scale set based on demand?

- Ans: Yes
- Yes, this is the main purpose of Virtual Machine scale sets, to be able to scale on-demand.

74. Which service is used to store Blob objects?

- Ans: Azure Storage Accounts

75. To connect an Azure virtual network to an on-premises network, we need to create an __

- Ans: Azure virtual network gateway
- We can establish a VPN connection between the on-premises network and the virtual network via the use of Azure virtual network gateway.

76. You have an Azure Premium Storage account based on Block Blobs. Which of the following is not support when it comes to data redundancy for the blobs in the storage account?

- Ans: Geo- redundant storage
- Geo- redundant storage is not supported for Azure Storage accounts based on Premium blobs.

77. Is it possible to use Azure Cost Management to view the cost of resources in your Azure account resource group wise?

- Ans: Yes

78. You are planning on using Microsoft 365 which is Microsoft's Software-as-a-service offering. Are you responsible for applying the software updates when it comes to Microsoft 365?

- Ans: No

79. You are planning on using Microsoft 365 which is Microsoft's Software-as-a-service offering. Are you responsible for the data that you upload and store on the service?

- Ans: Yes
- Yes, you are responsible for the data that you store on the platform.

80. You are planning on creating users in Microsoft Entra ID. Do you group the users into different resource groups after the users are created?

- Ans: No
- Resource groups are used to group resources and not users.

81. You are planning on creating several resource groups in Azure. Can you nest resource groups in Azure?

- Ans: No
- No, you cannot nest resource groups.

82. Is it possible to create alerts in the Azure Monitor service?

- Ans: Yes
- Yes, you can create alerts in Azure Monitor for your Azure resources.

83. You currently have 2 subscriptions in Azure. Can you use Azure Monitor to monitor the resources across both subscriptions?

- Ans: Yes
- Yes, Azure Monitor can be used to monitor resources across multiple subscriptions.

84. You are planning on using role-based access control for the users defined in your tenant. Which of the following Azure role grants full access to manage all resources along with giving the ability to assign roles?

- Ans: Owner

85. You currently want to provision an Azure resource via the use of an Apple iPad. Can you use PowerShell within Azure Cloud shell to provision the resource?

- Ans: Yes
- Azure Cloud Shell is available via the browser and the Azure Portal. You can use Bash or PowerShell to provision the resource on any device that has a browser in place.

86. You are planning on creating several Azure resource groups. Is there an additional cost for creating resource groups?

- Ans: No
- Resource groups are free of cost.

87. Your company is planning on migrating several machines from their on-premises environment onto Azure as virtual machines. Which of the following would no longer be the responsibility of the company when it comes to the virtual machines?

- Ans: Physical security of the data centre.
- Here the physical security of the data center would lie with the cloud provider.

88. In order to use the Microsoft Entra ID as part of your account, you need to provision Azure virtual machines to host the service?

- Ans: No
- Microsoft Entra ID is a globally managed service. Here you don't need to manage the underlying infrastructure.

89. You have just setup an Azure Storage account. You want to copy data from your on-premises data center onto the Azure Storage account. Would you pay an additional cost when it comes to the data transfer in terms of bandwidth pricing?

- Ans: No
- There is no cost for data ingested onto Azure. For more information on bandwidth pricing , one can visit the below link.

90. Can you use Microsoft Entra ID to log into other Software-as-a-service applications using single-sign-on?

- Ans: Yes
- Yes , this can be achieved with the help of Microsoft Entra ID.

91. Your company is planning on deploying a web application onto the Azure Web App service. They want to monitor the performance of the application in real time. Which of the following can be used for this requirement?

- Ans: Application Insights
- You can use Application Insights to monitor your web applications in real time.

92. Which of the following provides information when it comes to the security and compliance offerings that Microsoft incorporates across its cloud products?

- Ans: Microsoft Trust Center

93. Your company is planning on using Microsoft Azure. The company wants to segregate the resources used by each department in the company. Which of the following can be used to segregate the resources?

- Resource groups
- Resource tags

94. A company is planning on a hybrid model for its cloud implementation. Does this give the company an added advantage on deciding where they can deploy their applications?

- Ans: Yes
- Yes, here the company can either deploy their applications to the public cloud, or to their private cloud or an on-premises data center.

95. Which of the following is part of the Azure Monitor service?

- Azure Advisor
- Log Analytics
- Microsoft Entra ID
- Microsoft Defender for cloud
- Ans: Log Analytics

96. Your company is making use of several Android devices. Can they join these devices to Microsoft Entra ID?

- Ans: No
- We can only join Windows 10 and Windows 11 devices to Microsoft Entra ID.

97. Your company is making use of several Android devices. Can they register these devices to Microsoft Entra ID?

- Ans: Yes
- Yes, we can register the devices to Microsoft Entra ID.

98.Is it possible to access the Azure Portal from a macOS device?

- Ans: Yes

- Yes, you can access the Azure Portal from any device that has a browser in place.

99. How many copies of your data are made with an Azure Storage account configured with Locally-redundant storage?

- Ans: 3

- Three copies of your data are made with Locally-redundance storage.

100. How many copies of your data are made with an Azure Storage account configured with Geo-redundant storage?

- Ans: 6

- Six copies of your data are made with Geo-redundance storage. Three in the primary region and three in the secondary region.

101. Is it possible for a Network Security Group to have multiple Inbound rules?

- Ans: Yes

- Yes, a Network Security group can have multiple Inbound rules.

102. Is it possible for a Network Security Group to have multiple Outbound rules?

- Ans: Yes

- Yes, a Network Security group can have multiple Outbound rules.