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Microsoft Azure / By SkillCertPro

Practice Set 2

Your results are here!! for" Microsoft AZ-900 Practice Test 2 "

51 of 65 questions answered correctly

Your time: 00:23:13

Your Final Score is : 51

You have attempted : 65

Number of Correct Questions : 51 and scored 51

Number of Incorrect Questions : 14 and Negative marks 0



You can review your answers by clicking view questions.

Important Note : Open Reference Documentation Links in New Tab (Right Click and Open in New Tab).

Restart Test

View Answers

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36

37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54
55	56	57	58	59	60	61	62	63	64	65							

Correct Incorrect

Review Question

Summary

1. Question

A company plans to setup multiple resources in their Azure subscription. They want to implement tagging of resources in Azure. But they want to ensure that when resource groups are created, they have to contain a tag with a name of “organization” and value of “skillcertlabs”.

You recommend using Azure Key Vault for implementing this requirement

Would this recommendation fulfil the requirement?

☐ A. Yes

☒ B. No

Correct

Azure Key vault is used for security purposes such as key and secret management

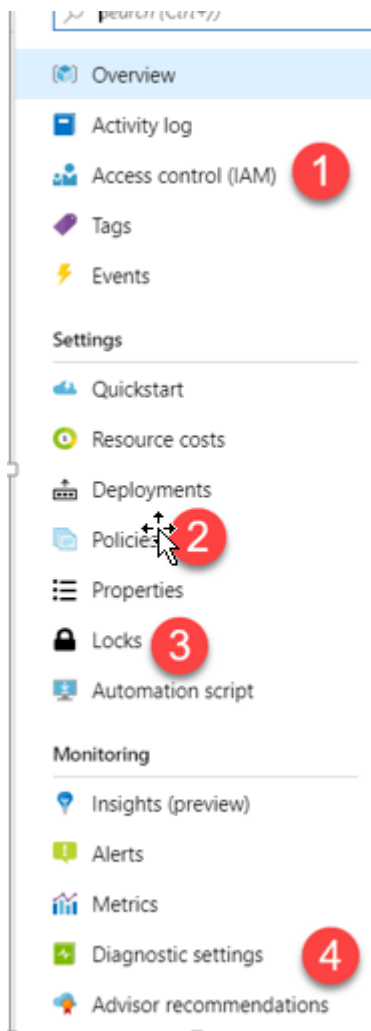
For more information on Azure key vault, please visit the below URL

<https://docs.microsoft.com/en-us/azure/key-vault/key-vault-what-is>

2. Question

A company has created a resource group as shown below. They want to ensure that resources within the resource group don’t get accidentally deleted.

Which of the following would you use for this purpose?



- ☐ A. Access Control
- ☐ B. Policies
- ☒ C. Locks
- ☐ D. Diagnostics settings

Correct

The Microsoft documentation mentions the following

Option A is incorrect since this is used to set the permission for resources

Option B is incorrect since this is used for governance purposes

Option D is incorrect since this is used enable diagnostics on the underlying resource

For more information on Azure locks, please visit the below URL

<https://docs.microsoft.com/en-us/azure/azure-resource-manager/resource-group-lock-resources>

3. Question

A company wants to purchase an Azure support plan. Below is a key requirement from the support plan
Regular architecture reviews from Microsoft for the company's Azure environment
Which of the following plan would the company need to purchase to fulfil this requirement?

- ☐ A. Premier
- ☐ B. Developer
- ☒ C. Professional Direct
- ☐ D. Standard

Correct

There is no Premier Support plan for Azure anymore:

The link clearly lists Professional Direct as the only plan with more than just General Guidance for architecture reviews.

For more information on the support plans, please visit the below URL

<https://azure.microsoft.com/en-us/support/plans/>

4. Question

A company has a set of Virtual machines defined in Azure. One of the machines was down due to issues with the underlying Azure Infrastructure. The server was down for an extended period of time and breached the standard SLA defined by Microsoft. How will Microsoft reimburse the downtime cost?

- ☒ A. By directly sending money to the customer's bank account
- ☐ B. By spinning up another Virtual Machine free of cost for the client
- ☐ C. By providing service credits to the customer
- ☐ D. By providing a service free of cost to use for a specific duration of time.

Incorrect

If you look at the pricing FAQ, you can see that Microsoft offers Service level credits if it does not meet the SLA targets

Since this is clearly given in the documentation, all other options are incorrect

For more information on Azure pricing FAQ's, please visit the below URL

<https://azure.microsoft.com/en-us/pricing/faq/>

5. Question

A company is planning on moving to Azure. The senior management wants to get an idea on the cost that would be incurred when hosting resources in Azure.

You recommend using the Azure Cost Management to get the required costing of the resources

Would this recommendation fit the requirement?

☐ A. Yes

☒ B. No

Correct

The Cost Management feature is great to give you a breakdown of the cost once the resources are hosted in Azure. It will not give you an indication of costs that can be incurred when using Azure. Below is a snapshot of Cost Management in Azure

For more information on Azure Cost Management, please visit the below URL

<https://azure.microsoft.com/en-us/pricing/details/cost-management/>

6. Question

A company is planning on moving to Azure. The senior management wants to get an idea on the cost that would be incurred when hosting resources in Azure.

You recommend using the Cloudyn service to get the required costing of the resources

Would this recommendation fit the requirement?

☐ A. Yes

☒ B. No

Correct

The Microsoft documentation mentions the below details on the Cloudyn service. It will not give you an indication of costs that can be incurred when using Azure

For more information on the Cloudyn service, please visit the below URL

<https://docs.microsoft.com/en-us/azure/cost-management/overview>

7. Question

A company is planning on moving to Azure. The senior management wants to get an idea on the cost that would be incurred when hosting resources in Azure.

You recommend using the pricing calculator to get the required costing of the resources

Would this recommendation fit the requirement?

☒ A. Yes

☐ B. No

Correct

The pricing calculator is the perfect tool for estimating the price of hosting resources in Azure

For more information on the Azure pricing calculator, please visit the below URL

<https://azure.microsoft.com/en-us/pricing/calculator/>

8. Question

A company wants to host a mission critical application on a set of Virtual Machines in Azure. They want to ensure they can setup the infrastructure in Azure to guarantee the maximum possible uptime for the application. Which of the following can you make use of in Azure to fulfil this requirement? Choose 2 answers from the options given below

☒ A. Resource Groups

☒ B. Availability Zones

☐ C. Availability Sets

☐ D. Resource Tags

Incorrect

The Microsoft documentation mentions the following

Option A is incorrect since this is used to categorize resources

Option D is incorrect since this is used to improve categorization and billing of resources in Azure

For more information on resiliency in Azure, please visit the below URL

<https://azure.microsoft.com/en-us/features/resiliency/>

9. Question

A company is planning on hosting an application on a set of Virtual Machines in Azure. They want to ensure that the application survives a region wide failure in Azure. Which of the following concept needs to be

considered to fulfil this requirement?

- ☐ A. Scalability
- ☒ B. Disaster Recovery
- ☐ C. Agility
- ☐ D. Elasticity

Correct

The Microsoft documentation mentions the following

Option A is incorrect since this is used to scale in our scale out infrastructure

Option C is incorrect since this is used from a customer perspective to make applications more agile

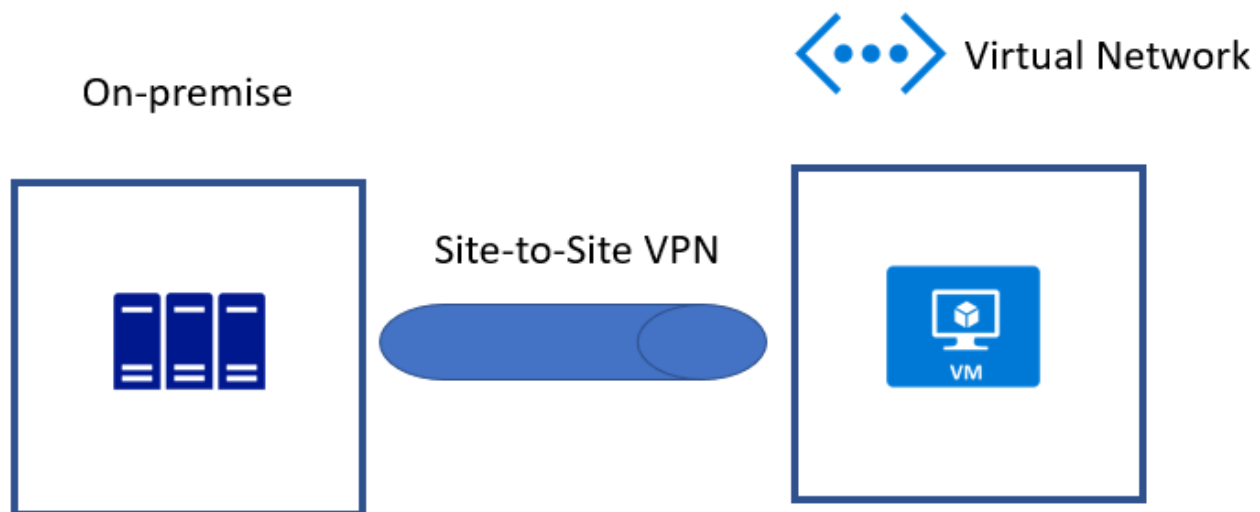
Option D is incorrect since this is used to make an application more flexible in its architecture based on user demand

For more information on disaster recovery in Azure, please visit the below URL

<https://docs.microsoft.com/en-us/azure/architecture/resiliency/disaster-recovery-azure-applications>

10. Question

A company is planning on implementing the below architecture



Which of the following best describes the above cloud model?

- ☒ A. Private Cloud

- ☐ B. Public Cloud
- ☐ C. Government Cloud
- ☐ D. Hybrid Cloud

Incorrect

This is an example of having infrastructure hosted in both the Azure public cloud and in your on-premise network.

Option A is incorrect since there is an IaaS model specified on the right-hand side

Option B is incorrect since there is an on-premise server on the left-hand side

Option C is incorrect since there is no specification of a pure government cloud setup

For more information on some use cases for hybrid cloud scenarios is shown below, please visit the below URL

<https://docs.microsoft.com/en-us/office365/enterprise/hybrid-cloud-scenarios-for-azure-iaas>

11. Question

A company wants to create multiple data stores in Azure. They want to have storage layers that can be used to store data that is infrequently used. Which of the following storage tiers for Azure BLOB storage would be suitable for this type of requirement? Choose 2 answers from the options given below

- ☐ A. Premium storage
- ☐ B. Hot storage
- ☒ C. Cool storage
- ☒ D. Archive storage

Correct

This is given in the Microsoft documentation

Since this is provided in the Microsoft documentation, all other options are incorrect

For more information on blob storage tiers, please visit the below URL

<https://docs.microsoft.com/en-us/azure/storage/blobs/storage-blob-storage-tiers>

12. Question

A company wants to have an Enterprise messaging solution integrated with their existing application hosted in Azure.

Dashboard > New

New

wordpress

Azure Marketplace

See all

Get started

Recently created

Compute

Networking

Storage

Web

Mobile

Containers

Databases

Analytics

AI + Machine Learning

Internet of Things

Integration

Security

Identity

Featured

See all

Logic App
[Quickstart tutorial](#)

1

API management
[Quickstart tutorial](#)

2

Service Bus
[Quickstart tutorial](#)

3

Integration Account
[Quickstart tutorial](#)

Logic Apps Custom Connector
[Learn more](#)

Data Factory
[Quickstart tutorial](#)

4

Data Catalog
[Learn more](#)

Which of the following would be the ideal service to use for this requirement?

- ☐ A. Logic App
- ☐ B. API management
- ☒ C. Service Bus
- ☐ D. Data Factory

Correct

The Microsoft documentation mentions the following on this service

Option A is incorrect since this is used as a workflow service

Option B is incorrect since this is used for managing API's

Option D is incorrect since this is used as an ETL service on the cloud

For more information on the Azure service Bus, please visit the below URL

<https://docs.microsoft.com/en-us/azure/service-bus-messaging/service-bus-messaging-overview>

13. Question

A company is planning on hosting an application on a set of Virtual Machines. The Virtual Machines are going to be running for a pro-longed duration of time. Which of the following should be considered to reduce the overall cost of Virtual Machine usage?

- ☐ A. Premium Disks
- ☐ B. Virtual Machine Scale sets
- ☒ C. Azure Reservations
- ☐ D. Azure Resource Groups

Correct

The Microsoft documentation mentions the following

Option A is incorrect since using Premium Disks is an expensive option

Option B is incorrect since this is used for scalability of your virtual machines

Option D is incorrect since this is used for grouping your Azure resources

For more information on Azure Cost Reservations, please visit the below URL

<https://docs.microsoft.com/en-us/azure/billing/billing-save-compute-costs-reservations>

14. Question

A company has launched a set of Virtual Machines in their Pay-as-you-go Azure subscription. After launching a set of VM's they seem to be hitting a constraint of 20 vCPU's and are not able to provision additional Virtual Machines. Which of the following can be done to allow the company to provision more Virtual Machines?

- ☐ A. Raise a support ticket with Microsoft
- ☒ B. Increase the limit in the Azure portal

- ☐ C. Increase the limit using the Azure CLI
- ☐ D. Increase the limit in Azure Advisor

Incorrect

Since this is clearly mentioned in the Microsoft documentation, all other options are incorrect

For more information on Azure subscription service limits, please visit the below URL

<https://docs.microsoft.com/en-us/azure/azure-subscription-service-limits>

15. Question

A company wants to setup users in their Azure Account. They have segregated their users into groups. They now want to ensure they set the right permissions for users and administrators accordingly. They need to manage the permissions effectively.

You recommend using Azure Policies

Does this recommendation meet the requirement?

- ☐ A. Yes
- ☒ B. No

Correct

Azure policies are used from more of a governance aspect. The Microsoft documentation mentions the following on Azure policies

For more information on Azure policies, please visit the below URL

<https://docs.microsoft.com/en-us/azure/governance/policy/overview>

16. Question

A company wants to setup users in their Azure Account. They have segregated their users into groups. They now want to ensure they set the right permissions for users and administrators accordingly. They need to manage the permissions effectively.

You recommend using Azure Role Based Access

Does this recommendation meet the requirement?

- ☒ A. Yes
- ☐ B. No

Correct

This is the right way to manage permissions. The Microsoft documentation mentions the following on Role Based Access control

For more information on Role based access control, please visit the below URL

<https://docs.microsoft.com/en-us/azure/role-based-access-control/overview>

17. Question

A company wants to setup users in their Azure Account. They have segregated their users into groups. They now want to ensure they set the right permissions for users and administrators accordingly. They need to manage the permissions effectively.

You recommend using Azure Management Groups

Does this recommendation meet the requirement?

☒ A. Yes

☐ B. No

Incorrect

Azure management groups are used for organizing resources in Azure. The Microsoft documentation mentions the following on Azure management groups.

For more information on Azure Management Groups, please visit the below URL

<https://docs.microsoft.com/en-us/azure/governance/management-groups/>

18. Question

A company wants to host their applications on Azure using serverless components. They don't want to manage the underlying infrastructure for the application.

Which of the following could be used to host code that could be run on a serverless infrastructure?

☐ A. Azure Logic Apps

☐ B. Azure Service Bus

☒ C. Azure Function App

☐ D. Azure Storage

Correct

The Microsoft documentation mentions the following

Option A is incorrect because this is designed to implement workflows in Azure

Option B is incorrect because this is used as a messaging service in Azure

Option D is incorrect because this is used as a storage service in Azure

For more information on Azure Functions, please visit the below URL

<https://docs.microsoft.com/en-us/azure/azure-functions/functions-overview>

19. Question

A company wants to host their applications on Azure using serverless components. They don't want to manage the underlying infrastructure for the application.

Which of the following could be used to implement a workflow that could be run on a serverless infrastructure?

- ☒ A. Azure Logic Apps
- ☐ B. Azure Service Bus
- ☐ C. Azure Function App
- ☐ D. Azure Storage

Correct

The Microsoft documentation mentions the following

Option B is incorrect because this is used as a messaging service in Azure

Option C is incorrect because this is used to host functions in Azure

Option D is incorrect because this is used as a storage service in Azure

For more information on Azure Logic Apps, please visit the below URL

<https://docs.microsoft.com/en-us/azure/logic-apps/logic-apps-overview>

20. Question

A company is planning on setting up an Azure Free Account. Does the Standard Support plan come along with the Azure Free Account?

- ☐ A. Yes
- ☒ B. No

Correct

Only the Basic Support Plan comes along with the Azure Free Account

This is also given in the Microsoft documentation

For more information on the comparison of Support plans, please visit the below URL

<https://azure.microsoft.com/en-us/support/plans/>

21. Question

A customer is planning on creating several Azure Free Accounts. Can a customer have an allowance of a maximum of 10 Azure Free Accounts?

☐ A. Yes

☒ B. No

Correct

A customer can only have one Azure Free Account. This is also given in the Microsoft documentation

For more information on the Azure Free Account, please visit the below URL

<https://azure.microsoft.com/en-us/free/free-account-faq/>

22. Question

Your company is planning on hosting resources in Azure. Is it possible for outside users to have access to resources in Azure?

☒ A. Yes

☐ B. No

Correct

Azure has other capabilities in place that can allow other users to access Azure-based resources. For example, Azure has the feature of Azure AD Business to Business collaboration where the users don't have to be defined in Azure.

The Microsoft documentation mentions the following on Azure B2B

For more information on Azure B2B, please visit the below URL

<https://docs.microsoft.com/en-us/azure/active-directory/b2b/what-is-b2b>

23. Question

A company is planning on purchasing Azure AD Premium for their Azure account. Does the Azure AD Premium tier come with an SLA of 99.9%?

- ☒ A. Yes
- ☐ B. No

Correct

Yes, this is also mentioned in the Microsoft documentation

For more information on Azure AD SLA, please visit the below URL

https://azure.microsoft.com/en-us/support/legal/sla/active-directory/v1_0/

24. Question

A company is planning on using Azure SQL Datawarehouse for hosting their sales historical data. Which of the following is a feature of the Azure SQL Datawarehouse architecture?

- ☒ A. High Availability
- ☐ B. Scalability
- ☐ C. Disaster Recovery
- ☐ D. Visualization

Incorrect

The Microsoft documentation mentions the following on the scalability of the compute architecture of the Azure SQL Datawarehouse architecture

Options A and C are incorrect because this is something that you have to ensure with the capabilities available in Azure

Option D is incorrect since you need to use other tools for handling the visualization of data in a SQL Datawarehouse

For more information on the architecture for SQL Datawarehouse, please visit the below URL

<https://docs.microsoft.com/en-us/azure/sql-data-warehouse/massively-parallel-processing-mpp-architecture>

25. Question

A company is planning on creating several SQL Databases in Azure. They would be using the Azure SQL Database service. Which of the following is the right category to which the Azure SQL Database service belongs to?

- ☐ A. Infrastructure as a service (IaaS)
- ☒ B. Platform as a service (PaaS)
- ☐ C. Software as a service (SaaS)
- ☐ D. Function as a service (FaaS)

Correct

This is given in the Microsoft documentation

For more information on Azure SQL Databases, please visit the below URL

<https://docs.microsoft.com/en-us/azure/sql-database/sql-database-paas-vs-sql-server-iaas>

26. Question

A company is planning on using Azure Storage Accounts. They have the following requirement

Replication of data to another region

Does the Azure storage account automatically replicate data to another region?

- ☐ A. Yes
- ☒ B. No

Correct

You need to set the replication strategy in order to make this possible. For applications requiring high availability, you can choose to additionally copy the data in your storage account to a secondary region that is hundreds of miles away from the primary region.

For ensuring data is replicated to another region, you have to choose either Geo redundant storage or Read access geo redundant storage.

For more information on Azure storage redundancy, please visit the below URL

<https://docs.microsoft.com/en-us/azure/storage/common/storage-redundancy>

27. Question

A company is planning on hosting resources in Azure. They want to ensure that Azure complies with the rules and regulations of the region for hosting resources. Which of the following can assist the company in getting the required compliance reports?

- ☐ A. Azure AD

- ☒ B. Microsoft Trust Center
- ☐ C. Azure Advisor
- ☐ D. Azure Security Center

Correct

The Microsoft documentation mentions below on what are the services offered by the Microsoft Trust Center

Option A is incorrect since this is used for identity management

Option C is incorrect since this is used to provide recommendations in Azure

Option D is incorrect since this is a unified infrastructure security management system in Azure

For more information on Microsoft Trust Center, please visit the below URL

<https://docs.microsoft.com/en-us/azure/security/security-microsoft-trust-center>

28. Question

A company is planning on hosting 2 Virtual Machines in Azure as shown below

Virtual Machine Name Virtual Machine Size

demovm B1S

demovm1 B1S

Would both the Virtual Machines always generate the same monthly costs?

- ☐ A. Yes
- ☒ B. No

Correct

The costing for Virtual Machine depends on aspects such as

Is the machine running all the time for the whole month

And If you are using a Managed Disk, you would incur costs for the disk

Below is a screenshot from the pricing calculator for a Virtual Machine. You can see that there is a dependency on the OS Disk.

For more information on the pricing calculator, please visit the below URL

<https://azure.microsoft.com/en-us/pricing/calculator/>

29. Question

A company has a set of resources deployed to Azure. They want to make use of the Azure Advisor tool. Would the Azure Advisor tool give recommendations on how to configure Virtual Network settings?

- ☐ A. Yes
- ☒ B. No

Correct

If you see the Azure Advisor as shown below, the main area recommendations are High Availability , Security , Performance and Cost.

For more information on Azure Advisor, please visit the below URL

<https://docs.microsoft.com/en-us/azure/advisor/advisor-overview>

30. Question

A company is planning on deploying resources to Azure. Which of the following in Azure provides a common platform for deploying objects to the Azure Cloud Infrastructure and also allows implementing consistency across the environment?

- ☐ A. Azure Resource Groups
- ☐ B. Azure policies
- ☐ C. Azure Management Groups
- ☒ D. Azure Resource Manager

Correct

The Microsoft documentation mentions the following

Option A is incorrect since this provides a means to categorize resources deployed to Azure. It's not a platform

Option B is incorrect since this allows you to govern Azure resources

Option C is incorrect since this allows you to efficiently manage access, policies, and compliance for those subscriptions

For more information on Azure Resource Manager, please visit the below URL

<https://docs.microsoft.com/en-us/azure/azure-resource-manager/resource-group-overview>

31. Question

A company is planning on setting up a solution in Azure. The solution would have the following key

requirement

Provide a digital online assistant that provides speech support

Which of the following would be best suited for this requirement?

- ☐ A. Azure Machine Learning
- ☐ B. Azure IoT Hub
- ☒ C. Azure AI Bot
- ☐ D. Azure Functions

Correct

The Microsoft documentation mentions the following

Since this is a clear feature on the tool, all other options are incorrect

For more information on Azure AI Bot, please visit the below URL

<https://docs.microsoft.com/en-us/azure/bot-service/bot-service-overview-introduction?view=azure-bot-service-4.0>

32. Question

A company is planning on setting up a solution in Azure. The solution would have the following key requirement

Uses past trainings to provide predictions that have high probability

Which of the following would be best suited for this requirement?

- ☒ A. Azure Machine Learning
- ☐ B. Azure IoT Hub
- ☐ C. Azure AI Bot
- ☐ D. Azure Functions

Correct

The Microsoft documentation mentions the following

Since this is a clear feature on the tool, all other options are incorrect

For more information on Azure Machine Learning service, please visit the below URL

<https://docs.microsoft.com/en-us/azure/machine-learning/service/overview-what-is-azure-ml>

33. Question

A company is planning on setting up a solution in Azure. The solution would have the following key requirement

Provides serverless computing functionalities

Which of the following would be best suited for this requirement?

- ☐ A. Azure Machine Learning
- ☐ B. Azure IoT Hub
- ☐ C. Azure AI Bot
- ☒ D. Azure Functions

Correct

The Microsoft documentation mentions the following

Since this is a clear feature on the tool, all other options are incorrect

For more information on Azure Functions, please visit the below URL

<https://docs.microsoft.com/en-us/azure/azure-functions/functions-overview>

34. Question

A company is planning on setting up a solution in Azure. The solution would have the following key requirement

Gives the ability to process data from millions of sensors

- ☐ A. Azure Machine Learning
- ☐ B. Azure IoT Hub
- ☒ C. Azure AI Bot
- ☐ D. Azure Functions

Incorrect

The Microsoft documentation mentions the following

Since this is a clear feature on the tool, all other options are incorrect

For more information on Azure IoT Hub, please visit the below URL

<https://docs.microsoft.com/en-us/azure/iot-hub/about-iot-hub>

35. Question

A company has a number of resources hosted in Azure. They want to push all the events from the various resources into a centralized repository so that the events could be correlated later on. Which of the following service would you use for this requirement?

- ☒ A. Azure Event Hubs
- ☐ B. Azure Analysis Services
- ☐ C. Azure Advisor
- ☐ D. Azure Monitor

Incorrect

You can use Azure Monitor to collect all the data from various sources as shown below. You can then perform interactive queries on the stored logs.

Option A is incorrect since this service is a big data streaming platform and event ingestion service

Option B is incorrect since this is a fully managed platform as a service (PaaS) that provides enterprise-grade data models in the cloud.

Option C is incorrect since this is used as a recommendation's engine

For more information on Azure Monitor and Log Analytics, please visit the below URL

<https://docs.microsoft.com/en-us/azure/azure-monitor/overview>

36. Question

A company has a virtual machine defined as demovm. This Virtual Machine was created with the standard settings. An application is installed on demovm. It now needs to be ensured that the application can be accessed over the Internet via HTTP.

You propose the solution to modify the DDoS protection plan

Would this solution fit the requirement?

- ☐ A. Yes
- ☒ B. No

Correct

This service is specifically meant to protect your resources against a DDoS attack and not allow traffic into the Virtual machine

For more information on DDoS protection, please visit the below URL

<https://docs.microsoft.com/en-us/azure/virtual-network/ddos-protection-overview>

37. Question

A company has a virtual machine defined as demovm. This Virtual Machine was created with the standard settings. An application is installed on demovm. It now needs to be ensured that the application can be accessed over the Internet via HTTP.

You make modifications to the Azure firewall

Would this solution fit the requirement?

☐ A. Yes

☒ B. No

Correct

The Azure firewall is an appliance you would you to protect the traffic coming into your network.

For more information on Azure Firewall, please visit the below URL

<https://docs.microsoft.com/en-us/azure/firewall/overview>

38. Question

A company has a virtual machine defined as demovm. This Virtual Machine was created with the standard settings. An application is installed on demovm. It now needs to be ensured that the application can be accessed over the Internet via HTTP.

You modify the Azure Traffic Manager profile

Would this solution fit the requirement?

☐ A. Yes

☒ B. No

Correct

The Azure Traffic Manager is a DNS-based traffic load balancer

For more information on Azure Traffic Manager, please visit the below URL

<https://docs.microsoft.com/en-us/azure/traffic-manager/traffic-manager-overview>

39. Question

A company has a virtual machine defined as demovm. This Virtual Machine was created with the standard

settings. An application is installed on demovm. It now needs to be ensured that the application can be accessed over the Internet via HTTP

You modify the Network Security Groups

Would this solution fit the requirement?

☒ A. Yes

☐ B. No

Correct

You should change the Network Security group by adding a rule for allowing Inbound Traffic as shown below

Create an Inbound Network Security Rule

Ensure the Service Tag is the Internet

Ensure the destination port range is 80

Ensure the Action is placed as Allow

For more information on Virtual Network Security, please visit the below URL

<https://docs.microsoft.com/en-us/azure/virtual-network/security-overview>

40. Question

A company is looking at the possibility of using Azure Government for development of their cloud-based solutions. Which of the following customers are allowed to use Azure Government? Choose 2 answers from the options given below

☐ A. A Canadian government contractor

☐ B. A European government contractor

☒ C. A United States government entity

☐ D. A United States government contractor

☒ E. A European government entity

Incorrect

This is given in the Microsoft documentation

Since this is clearly given in the Microsoft documentation, all other options are incorrect

For more information on Azure Government, please visit the below URL

<https://docs.microsoft.com/en-us/azure/azure-government/documentation-government-welcome>

41. Question

A company plans to purchase an Azure Support plan. Below is a key requirement for the support plan

Ensure that for high severity cases, there is a minimum initial response time of 10 minutes

A recommendation is made to purchase the Basic Support plan

Would this recommendation fulfil the requirement?

☐ A. Yes

☒ B. No

Correct

As per the support plans, you can see that the Basic support plan has no SLA in place

For more information on the support plans, please visit the below URL

<https://azure.microsoft.com/en-us/support/plans/>

42. Question

A company plans to purchase an Azure Support plan. Below is a key requirement for the support plan

Ensure that for high severity cases, there is a minimum initial response time of 10 minutes

A recommendation is made to purchase the Professional Direct Support plan

Would this recommendation fulfil the requirement?

☒ A. Yes

☐ B. No

Incorrect

As per the support plans, you can see that the Professional Direct support plan has an SLA of 1 hour for Critical business impact cases

For more information on the support plans, please visit the below URL

<https://azure.microsoft.com/en-us/support/plans/>

43. Question

A company plans to purchase an Azure Support plan. Below is a key requirement for the support plan

Ensure that for high severity cases, there is a minimum initial response time of 20 minutes

A recommendation is made to purchase the Premier Support plan.

Would this recommendation fulfil the requirement?

☒ A. Yes

☐ B. No

Correct

As per the support plans, you can see that the Premier support plan does provide an initial SLA of 15 minutes for business critical cases

For more information on the support plans, please visit the below URL

<https://azure.microsoft.com/en-us/support/plans/response/>

44. Question

A company wants to make use of an Azure service in public preview. Are Azure services in public preview available to all customers?

☐ A. Yes

☒ B. No

Incorrect

An example is given below. Here there is a preview available for Virtual Machines in Azure Monitor.

For more information on updates to the Azure platform, please visit the below URL

<https://azure.microsoft.com/en-us/updates>

45. Question

A company is planning on setting up an Azure account. Can they purchase multiple Azure subscriptions and associate all subscriptions to a single Azure account?

- ☒ A. Yes
- ☐ B. No

Correct

Yes, you can have multiple subscriptions against a single AD tenant as shown below in the Microsoft documentation

For more information on subscriptions, licenses and tenants please visit the below URL

<https://docs.microsoft.com/en-us/office365/enterprise/subscriptions-licenses-accounts-and-tenants-for-microsoft-cloud-offerings>

46. Question

A company has multiple subscriptions. They want to merge the subscriptions into one. Do they need to contact Microsoft to merge the subscriptions?

- ☐ A. Yes
- ☒ B. No

Correct

Ideally you would look to transfer subscriptions under one account and manage them centrally. If you go to your subscription, there will be a Transfer subscription option as shown below

For more information on transferring subscriptions please visit the below URL

<https://docs.microsoft.com/en-us/azure/billing/billing-subscription-transfer>

47. Question

A company is planning on setting up a solution in Azure. The solution would have the following key requirement

Provide a data store that can be used to store and perform analytics on petabytes of data

Which of the following would be best suited for this requirement?

- ☐ A. Azure Content Delivery Network
- ☒ B. Azure SQL Datawarehouse

- ☐ C. Azure Load Balancer
- ☐ D. Azure HD Insight

Correct

The Microsoft documentation mentions the following

Since this is a clear feature on the tool, all other options are incorrect

For more information on Azure SQL Datawarehouse, please visit the below URL

<https://docs.microsoft.com/en-us/azure/sql-data-warehouse/sql-data-warehouse-overview-what-is>

48. Question

A company is planning on setting up a solution in Azure. The solution would have the following key requirement

Provide an efficient way to distribute web content to users across the world

Which of the following would be best suited for this requirement?

- ☒ A. Azure Content Delivery Network
- ☐ B. Azure SQL Datawarehouse
- ☐ C. Azure Load Balancer
- ☐ D. Azure HD Insight

Correct

The Microsoft documentation mentions the following

Since this is a clear feature on the tool, all other options are incorrect

For more information on Azure Content Delivery, please visit the below URL

<https://docs.microsoft.com/en-us/azure/cdn/cdn-overview>

49. Question

A company is planning on setting up a solution in Azure. The solution would have the following key requirement

Provide the ability to distribute user traffic to a set of backend Virtual Machines

- ☐ A. Azure Content Delivery Network
- ☐ B. Azure SQL Datawarehouse

- ☒ C. Azure Load Balancer
- ☐ D. Azure HD Insight

Correct

The Microsoft documentation mentions the following

Since this is a clear feature on the tool, all other options are incorrect

For more information on Azure Load Balancer, please visit the below URL

<https://docs.microsoft.com/en-us/azure/load-balancer/load-balancer-overview>

50. Question

A company is planning on setting up a solution in Azure. The solution would have the following key requirement

Provide a cloud service that makes it easy, fast, and cost-effective to analyse massive amounts of data.

- ☐ A. Azure Content Delivery Network
- ☐ B. Azure SQL Datawarehouse
- ☐ C. Azure Load Balancer
- ☒ D. Azure HD Insight

Correct

The Microsoft documentation mentions the following

Since this is a clear feature on the tool, all other options are incorrect

For more information on Azure HDInsight, please visit the below URL

<https://docs.microsoft.com/en-us/azure/hdinsight/>

51. Question

A company is planning on hosting a set of resources in their Azure subscription. They are currently aware that most Azure Service can provide an SLA of 99.9%. Which of the following technique could be used to increase the uptime for resources hosted in Azure?

- ☒ A. Adding resources to multiple regions
- ☐ B. Adding resources to the same data center
- ☐ C. Adding resources to the same resource group

☐ D. Adding resources to the same subscription

Correct

By having an additional region for your resources, you have more options if the primary regions goes down for any reason. This can increase the availability of your entire application and hence give a better uptime on the SLA.

An example architecture of a highly available architecture for a web application is shown below

This is from the Microsoft documentation

All other options are invalid, because the best-case scenario is to split resources across different availability zones or regions.

For more information on an example for high availability for your application, please visit the below URL

<https://docs.microsoft.com/en-us/azure/architecture/reference-architectures/app-service-web-app/multi-region>

52. Question

A company is planning on using Azure Cloud for hosting resources. Which of the following is a key advantage of hosting resources in the Azure public cloud?

- ☐ A. All users across the world can access the resources in your Azure account
- ☒ B. High reliability - a vast network of servers ensures against failure
- ☐ C. Only privileged users can have access to resources in your Azure account
- ☐ D. You pay a capital upfront cost when using resources in the public cloud

Correct

What is a public cloud?

Public clouds are the most common way of deploying cloud computing. The cloud resources (like servers and storage) are owned and operated by a third-party cloud service provider and delivered over the Internet. Microsoft Azure is an example of a public cloud. With a public cloud, all hardware, software and other supporting infrastructure is owned and managed by the cloud provider. In a public cloud, you share the same hardware, storage and network devices with other organisations or cloud “tenants.” You access services and manage your account using a web browser. Public cloud deployments are frequently used to provide web-based email, online office applications, storage and testing and development environments.

Advantages of public clouds:

Lower costs—no need to purchase hardware or software and you pay only for the service you use.

No maintenance—your service provider provides the maintenance.

Near-unlimited scalability—on-demand resources are available to meet your business needs.

High reliability—a vast network of servers ensures against failure.

Reference URL

<https://azure.microsoft.com/en-in/overview/what-are-private-public-hybrid-clouds/>

53. Question

A company needs to deploy several virtual machines. Each of these virtual machines will have the same set of permissions. To minimize the administrative overhead, in which would you deploy the Azure Virtual Machines?

- ☐ A. Azure policies
- ☒ B. Azure Virtual Machine Scale sets
- ☐ C. Azure Resource Groups
- ☐ D. Azure Tags

Incorrect

When you deploy a resource to a resource group which has a set of permissions defined, the resource will inherit the permissions assigned to the resource group. An example is shown below.

An example is shown below where a resource group has a permission defined.

And there is a resource defined in the resource group

If you go to the Access Control section of the resource, you will see that the permissions is inherited from the resource group.

For more information on role-based access control, please visit the below URL

<https://docs.microsoft.com/en-us/azure/role-based-access-control/role-assignments-portal>

54. Question

An application consists of a set of virtual machines hosted in a Virtual Network. In a month, the application seems to have a load of around 20% for 3 weeks. During the last week the load on the application reaches 80%. Which of the following concept would you implement to ensure that cost and efficiency of the underlying application infrastructure?

- ☐ A. High availability

- ☒ B. Elasticity
- ☐ C. Disaster recovery
- ☐ D. Fault tolerance

Correct

Here the concept refers to Elasticity.

In this use case, you could define a Virtual Machine Scale set in Azure

You could define an initial set of Virtual Machines as part of the scale set that would run for the first 3 weeks.

You can then add a scaling policy to add more Virtual Machines to support the application during the last week

You can then add a scaling policy to remove the extra Virtual Machines at the end of last week to save on costs

All other options are incorrect since they all refer to availability of the infrastructure.

For more information on Virtual Machine scale sets, please visit the below URL

<https://docs.microsoft.com/en-us/azure/virtual-machine-scale-sets/overview>

55. Question

A company wants to start using Azure. They want to make use of availability zones in Azure. Which of the following is attached to the concept of availability zones in Azure?

- ☐ A. Region failure
- ☐ B. Resource failure
- ☒ C. Data Center failure
- ☐ D. Azure failure

Correct

The Microsoft documentation mentions the following

Since this is clearly mentioned in the Microsoft documentation, all other options are incorrect

For more information on availability zones, please visit the below URL

<https://docs.microsoft.com/en-us/azure/availability-zones/az-overview>

56. Question

A company wants to start using Azure. They want to make use of availability zones in Azure. If they deploy resources across all regions in Azure, can they make use of availability zones in all regions in Azure?

- ☐ A. Yes
- ☒ B. No

Correct

Currently availability zones are not available in all regions. You need to check first on the availability of zones in a region.

Below is the snapshot from the Microsoft documentation

For more information on availability zones, please visit the below URL

<https://docs.microsoft.com/en-us/azure/availability-zones/az-overview>

57. Question

A company is planning on creating resources for different departments in Azure. They want to ensure that they get bills department wise. Which of the following should you consider implementing for this requirement?

- ☐ A. Azure locks
- ☒ B. Azure tags
- ☐ C. Azure Monitor
- ☐ D. Azure Advisor

Correct

The Microsoft documentation mentions the following

An example is given below. Below is a resource being tagged. A department name and value is used as the tag.

Then in cost analysis you can segregate costs based on tags

Option A is incorrect since this is used to ensure that resources don't get accidentally deleted

Option C is incorrect since this is used to monitor resources

Option D is incorrect since this is used for providing recommendations in Azure

For more information on using tags, please visit the below URL

<https://docs.microsoft.com/en-us/azure/azure-resource-manager/resource-group-using-tags>

58. Question

A company needs to create a set of resources in Azure. They have the requirement for IT Administrators that they create resources only in a certain region. Which of the following can help achieve this?

- ☐ A. Azure Tags
- ☐ B. Azure Policies
- ☒ C. Azure Resource Groups
- ☐ D. Azure Locks

Incorrect

You can use Azure policy for governance of your resources. An example policy on this line is shown below

Option A is incorrect since this is used for management and billing purpose

Option C is incorrect since this is used to group resources

Option D is incorrect since this is used to ensure that resources don't get accidentally deleted

For more information on Azure policies, please visit the below URL

<https://docs.microsoft.com/en-us/azure/governance/policy/overview>

59. Question

A company is planning on using the Azure Content Delivery Service. Which of the following is the right category to which the Azure Content Delivery service belongs to?

- ☐ A. Infrastructure as a service (IaaS)
- ☒ B. Platform as a service (PaaS)
- ☐ C. Software as a service (SaaS)
- ☐ D. Function as a service (FaaS)

Correct

The Platform for hosting Azure CDN is managed completely by Azure. Below is the description of the service from the Microsoft documentation

Since this is the right category for the service, all other options are incorrect.

For more information on the Azure CDN service, please visit the below URL

<https://docs.microsoft.com/en-us/azure/cdn/cdn-overview>

60. Question

A company wants to host an application in Azure. The application connects to a database in Azure. The company would like to store the database password in a secure location.

You recommend the usage of the Azure key vault for storage of the password.

Would this fulfill the requirement?

☒ A. Yes

☐ B. No

Correct

Yes, this is the right tool to use. Below is what the Microsoft documentation states about this service.

For more information on the Azure Key vault, please visit the below URL

<https://docs.microsoft.com/en-us/azure/key-vault/key-vault-what-is>

61. Question

A company wants to host an application in Azure. The application connects to a database in Azure. The company wants to store the database password in a secure location.

You recommend the usage of the Azure Security Center for storage of the password.

Would this fulfill the requirement?

☐ A. Yes

☒ B. No

Correct

This is used more of a protective layer for your resources in Azure. Below is what the Microsoft documentation states about this service.

For more information on the Azure Security Service, please visit the below URL

<https://docs.microsoft.com/en-us/azure/security-center/security-center-intro>

62. Question

A company wants to host an application in Azure. The application connects to a database in Azure. The company to store the database password in a secure location.

You recommend the usage of the Azure Advisor for storage of the password.

Would this fulfil the requirement?

- ☐ A. Yes
- ☒ B. No

Correct

This is a recommendation tool. Below is what the Microsoft documentation states about this service.

For more information on the Azure Advisor, please visit the below URL

<https://docs.microsoft.com/en-us/azure/advisor/advisor-overview>

63. Question

A company needs to connect its On-premise data center to an Azure Virtual Network using a Site-to-Site connection. Which of the following would you create as part of this implementation?



Virtual network
[Quickstart tutorial](#)



Load Balancer
[Learn more](#)



Application Gateway
[Learn more](#)



Virtual network gateway
[Learn more](#)

- ☐ A. Virtual Network
- ☐ B. Load Balancer
- ☐ C. Application Gateway
- ☒ D. Virtual Network Gateway

Correct

The Microsoft documentation mentions the following

Option A is incorrect since this is used to create a network in Azure

Options B and C are incorrect since this is used to divert traffic to backend Virtual Machines

For more information on the Virtual Private gateway, please visit the below URL

<https://docs.microsoft.com/en-us/azure/vpn-gateway/vpn-gateway-about-vpngateways>

64. Question

A company is planning on setting up a private cloud network. Which of the following is an advantage of setting up a private cloud network?

- ☐ A. A Private Cloud environment can only support an Infrastructure as a service model
- ☐ B. A Private Cloud environment can only support a Platform as a service model
- ☐ C. The Private Cloud environment can be rolled out to the general public
- ☒ D. The Private Cloud environment can be rolled out to select users

Correct

The Microsoft documentation mentions the following

Since this is clearly mentioned, all other options are incorrect

For more information on the private cloud network, please visit the below URL

<https://azure.microsoft.com/en-us/overview/what-is-a-private-cloud/>

65. Question

A company wants to setup resources in Azure. They want a way to manage identities in Azure. Which of the following is used as an Identity Management solution in Azure?

- ☐ A. Azure AD
- ☐ B. Azure Advisor
- ☒ C. Azure Security Center
- ☐ D. Azure Monitor

Incorrect

The Microsoft documentation mentions the following

Option B is incorrect since this is used to provide recommendations

Option C is incorrect since this is used to protect resources in Azure

Option D is incorrect since this is used to monitor resources in Azure

For more information on Azure AD, please visit the below URL

<https://docs.microsoft.com/en-us/azure/active-directory/fundamentals/active-directory-what-is>

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