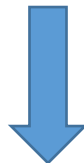# Microsoft Azure Certification AZ-900 Exam

➢ **Vendor: Microsoft**

➢ **Exam Code: AZ-900**

➢ **Exam Name: Microsoft Azure Fundamentals**

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https://www.passleader.com/az-900.html

NEW QUESTION 130
Your company has an Azure subscription that contains the following unused resources:
– 20 user accounts in Azure Active Directory (Azure AD)
– Five groups in Azure AD
– 10 public IP addresses
– 10 network interfaces
You need to reduce the Azure costs for the company.
Solution: You remove the unused public IP addresses.
Does this meet the goal?

A. Yes
B. No

Answer: A
Explanation:
https://docs.microsoft.com/en-us/azure/advisor/advisor-cost-recommendations#reduce-costs-by-deleting-or-reconfiguring-idle-virtual-network-gateways

NEW QUESTION 131
This question requires that you evaluate the underlined text to determine if it is correct. Instructions: Review the underlined text. If it makes the statement correct, select "No change is needed". If the statement is incorrect, select the answer choice that makes the statement correct.
A support plan solution that gives you best practice information, health status and notifications, and 24/7 access to billing information at the lowest possible cost is a Standard support plan.

A. No change is needed
B. Developer
C. Basic
D. Premier

Answer: C
Explanation:
https://azure.microsoft.com/en-us/support/plans/

NEW QUESTION 132
You plan to deploy several Azure virtual machines. You need to ensure that the services running on the virtual machines are available if a single data center fails.
Solution: You deploy the virtual machines to two or more resource groups.
Does this meet the goal?

A. Yes
B. No

Answer: B
Explanation:
https://docs.microsoft.com/en-us/azure/virtual-machines/windows/regions-and-availability

NEW QUESTION 133
In which Azure support plans can you open a new support request?

A. Premier and Professional Direct only.
B. Premier, Professional Direct, and Standard only.
C. Premier, Professional Direct, Standard, and Developer only.
D. Premier, Professional Direct, Standard, Developer, and Basic.

Answer: C
Explanation:
https://azure.microsoft.com/en-us/support/plans/

NEW QUESTION 134
What is guaranteed in an Azure Service Level Agreement (SLA)?

A.   uptime
B.   feature availability
C.   bandwidth
D.   performance

Answer: B
Explanation:
https://azure.microsoft.com/en-us/support/legal/sla/summary/

NEW QUESTION 135
This question requires that you evaluate the underlined text to determine if it is correct. Instructions:
Review the underlined text. If it makes the statement correct, select "No change is needed". If the
statement is incorrect, select the answer choice that makes the statement correct.
An Azure service is available to all Azure customers when it is in public preview.

A.   no change is needed
B.   private preview
C.   development
D.   an Enterprise Agreement (EA) subscription

Answer: A
Explanation:
https://www.neowin.net/news/several-more-azure-services-now-available-in-private-public-
preview/

NEW QUESTION 136
Your company has 10 departments. The company plans to implement an Azure environment. You
need to ensure that each department can use a different payment option for the Azure services it
consumes. What should you create for each department?

A.   a reservation
B.   a subscription
C.   a resource group
D.   a container instance

Answer: B

NEW QUESTION 137
Your company plans to migrate to Azure. The company has several departments. All the Azure
resources used by each department will be managed by a department administrator. You need to
recommend an Azure deployment that provides the ability to segment Azure for the departments.
The solution must minimize administrative effort. What should you include in the recommendation?

A.   multiple subscriptions
B.   multiple Azure Active Directory (Azure AD) directories
C.   multiple regions
D.   multiple resource groups

Answer: A

NEW QUESTION 138
A company has the requirement to have an automated process in place which would upload logs to an Azure SQL database every week. Reports would then be generated from the SQL database. Which of the following would you use for this requirement?

A.   The AzCopy tool
B.   Azure Data Factory
C.   Azure HDInsight
D.   Data Migration Assistant

Answer: B
Explanation:
You can use the Azure Data Factory to create a pipeline that can be used to copy data. Below is an excerpt from the Microsoft documentation on the connector for SQL server.
https://docs.microsoft.com/en-us/azure/data-factory/connector-sql-server

NEW QUESTION 139
A company is planning on deploying an application onto Azure. The application will be based on the .Net core programming language. The application would be hosted using Azure Web apps. Below is part of the various requirements for the application:
– Gives the ability for the testing team to view the different components of an application and see the calls being made between the different application components
– Helps business analyse how many users actually return to the application
– Ensuring IT administrators get alerts based on critical conditions being met in the application
Which of the following service would be best suited for fulfilling the requirement of "Helps business analyse how many users actually return to the application"?

A.   Application Insights
B.   Azure Service Health
C.   Azure Advisor
D.   Azure Policies

Answer: A
Explanation:
https://docs.microsoft.com/en-us/azure/azure-monitor/app/usage-retention

NEW QUESTION 140
A company wants to deploy an application to Azure. The application has the below requirements:
– Give the ability to install and provide access to the full .Net framework
– Allow administrative access to the operating system
– Provide a level of redundancy if an Azure region fails
Solution: You decide to deploy 2 Azure Virtual Machines in 2 separate regions. And then you create a Traffic Manager Profile
Does this solution meet the requirement?

A.   Yes
B.   No

Answer: A
Explanation:
Yes, this will meet all the requirements. Since you are using Azure Virtual Machines, IT administrators can get the required access. You can also then get the required access to the

underlying software including the .Net framework. Using a Traffic Manager profile along with the failover routing policy can ensure the requirement for redundancy is fulfilled.
https://docs.microsoft.com/en-us/azure/traffic-manager/traffic-manager-overview

NEW QUESTION 141
A team has an Azure CosmosDB account. A solution needs to be in place to generate an alert from Azure Log Analytics when a query request charge exceeds 40 units more than 10 times during a 10-minute window. Which of the following would you recommend? (Choose two.)

A.   Create a search query to identify when the requestCharge_s exceeds 40.
B.   Create a search query to identify when the requestCharge_s exceeds 10.
C.   Create a search query to identify when the duration_s exceeds 10.
D.   Configure a period of 10 and a frequency of 10.

Answer: AD
Explanation:
https://docs.microsoft.com/en-us/azure/cosmos-db/logging

NEW QUESTION 142
Our team needs to deploy a Virtual machine that will host a SQL Server. The Virtual machine will have 2 data disks, one for the log file and the other for the data files. You need to recommend a caching policy for each disk. Which of the following would you recommend for the data disk containing the logs?

A.   None
B.   ReadOnly
C.   WriteOnly
D.   ReadWrite

Answer: A
Explanation:
https://docs.microsoft.com/en-us/azure/virtual-machines/windows/sql/virtual-machines-windows-sql-performance

NEW QUESTION 143
A company has setup an Azure subscription and an Azure tenant. You need to provide the development team to be able to start and stop Virtual Machines. The access needs to be granted on specific occasions only. You need to ensure the permission gets assigned and use the principle of least privilege. You also need to minimize costs. Which of the following security feature would you use for the requirement?

A.   Conditional Access policy
B.   Azure Policies
C.   Just in time VM access
D.   Privileged Identity Management

Answer: D
Explanation:
With Privileged Identity Management, you can implement just in time privileges for Azure resources.
https://docs.microsoft.com/en-us/azure/active-directory/privileged-identity-management/pim-configure

NEW QUESTION 144
A company has deployed several applications across Windows and Linux Virtual machines in Azure. Log Analytics are being used to send the required data for alerting purposes for the Virtual

Machines. You need to recommend which tables need to be queried for security related queries. Which of the following would you query for events from Windows Event Logs?

A.   Azure Activity
B.   Azure Diagnostics
C.   Event
D.   Syslog

Answer: C
Explanation:
https://docs.microsoft.com/en-us/azure/azure-monitor/platform/data-sources-windows-events

NEW QUESTION 145
Hotspot
For each of the following statements, select Yes if the statement is true. Otherwise, select No.

Answer Area

Statements	Yes	No
To achieve a hybrid cloud model, a company must always migrate from a private cloud model.	○	○
A company can extend the capacity of its internal network by using the public cloud.	○	○
In a public cloud model, only guest users at your company can access the resources in the cloud.	○	○

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Answer:

Answer Area

Statements	Yes	No
To achieve a hybrid cloud model, a company must always migrate from a private cloud model.	○	◉
A company can extend the capacity of its internal network by using the public cloud.	◉	○
In a public cloud model, only guest users at your company can access the resources in the cloud.	○	◉

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NEW QUESTION 146
Drag and Drop
Match the Azure Cloud Services benefit to the correct description. (To answer, drag the appropriate benefit from the column on the left to its description on the right. Each benefit may be used once, more than once, or not at all.)

Answer Options

| Disaster recovery |
| Fault tolerance |
| Low latency |
| Dynamic scalability |

Answer Area

A cloud service that remains available after it occurs	
A cloud service that can be recovered after it occurs	
A cloud service that performs quickly when it increases	
A cloud service that can be accessed quickly to the Internet.	

Answer:

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Answer Options

Answer Area

A cloud service that remains available after it occurs	Fault tolerance
A cloud service that can be recovered after it occurs	Disaster recovery
A cloud service that performs quickly when it increases	Dynamic scalability
A cloud service that can be accessed quickly to the Internet.	Low latency

Explanation:
https://msdn.microsoft.com/en-us/magazine/mt422582.aspx
https://searchdisasterrecovery.techtarget.com/definition/cloud-disaster-recovery-cloud-DR
http://www.siasmsp.com/the-benefit-of-scalability-in-cloud-computing-2/
https://azure.microsoft.com/en-in/overview/what-is-cloud-computing/

NEW QUESTION 147
Hotspot
You have an Azure environment that contains 10 web apps. To which URL should you connect to manage all the Azure resources? (To answer, select the appropriate options in the answer area.)

Answer Area

https:// [admin. / portal. / www. ▼] [azure. / azurewebsites. / microsoft. ▼] com

Answer:

Answer Area

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https:// [admin. / **portal.** / www. ▼] [**azure.** / azurewebsites. / microsoft. ▼] com

NEW QUESTION 148
Drag and Drop
Match the Azure service to the correct description. (To answer, drag the appropriate Azure service from the column on the left to its description on the right. Each service may be used once, more than once, or not at all.)

Answer Options	Answer Area	
Azure HDInsight		A managed relational cloud database service.
Azure Data Lake Analytics		A cloud-based service that leverages massively parallel processing (MPP) to quickly run complex queries across petabytes of data in a relational database.
Azure SQL Data Warehouse		Can run massively parallel data transformation and processing programs across petabytes of data
Azure SQL Database		An open-source framework for the distributed processing and analysis of big data sets in clusters

Answer:

Answer Options	Answer Area	
Azure HDInsight	Azure SQL Database	A managed relational cloud database service.
Azure Data Lake Analytics	Azure SQL Data Warehouse	A cloud-based service that leverages massively parallel processing (MPP) to quickly run complex queries across petabytes of data in a relational database.
Azure SQL Data Warehouse	Azure SQL Data Warehouse	Can run massively parallel data transformation and processing programs across petabytes of data
Azure SQL Database	Azure HDInsight	An open-source framework for the distributed processing and analysis of big data sets in clusters

Explanation:
https://azure.microsoft.com/en-us/services/sql-database/
https://docs.microsoft.com/en-us/azure/sql-data-warehouse/sql-data-warehouse-overview-what-is
https://docs.microsoft.com/bs-latn-ba/azure/hdinsight/hadoop/apache-hadoop-introduction

NEW QUESTION 149
A company is planning on deploying an Azure Web App to 2 regions. One of the key requirements is to ensure that the web app is always running if an Azure region fails. You need to ensure deployment costs are minimized. Which of the following service would you include in the deployment of the solution?

A.   Azure Functions
B.   Azure Traffic Manager
C.   Azure Application Gateway
D.   Azure Load Balancer

Answer: B
Explanation:
https://docs.microsoft.com/en-us/azure/traffic-manager/traffic-manager-overview

NEW QUESTION 150
A company has deployed several applications across Windows and Linux Virtual machines in Azure. Log Analytics are being used to send the required data for alerting purposes for the Virtual Machines. You need to recommend which tables need to be queried for security related queries. Which of the following would you query for events from Linux system logging?

A.   Azure Activity
B.   Azure Diagnostics
C.   Event
D.   Syslog

Answer: D
Explanation:
https://docs.microsoft.com/en-us/azure/azure-monitor/platform/data-sources-syslog

NEW QUESTION 151
A company is planning on deploying a stateless based application based on microservices using the Azure Service Fabric service. You need to design the infrastructure that would be required in the Azure Service Fabric service. Which of the following should you consider? (Choose two.)

A.   The number of node types in the cluster.
B.   The properties for each node type.
C.   The network connectivity.
D.   The service tier.

Answer: AB
Explanation:
https://docs.microsoft.com/en-us/azure/service-fabric/service-fabric-cluster-capacity

NEW QUESTION 152
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NEW QUESTION 194
Your company has an Azure subscription that contains the following unused resources:
- 20 user accounts in Azure Active Directory (Azure AD)
- Five groups in Azure AD
- 10 public IP addresses
- 10 network interfaces
You need to reduce the Azure costs for the company.
Solution: You remove the unused network interfaces.
Does this meet the goal?

A.   Yes
B.   No

Answer: B
Explanation:
You are not charged for unused network interfaces. Therefore, deleting unused network interfaces will not reduce the Azure costs for the company.
https://docs.microsoft.com/en-us/azure/advisor/advisor-cost-recommendations#reduce-costs-by-deleting-or-reconfiguring-idle-virtual-network-gateways

NEW QUESTION 195
Your company has an Azure subscription that contains the following unused resources:
- 20 user accounts in Azure Active Directory (Azure AD)
- Five groups in Azure AD
- 10 public IP addresses
- 10 network interfaces
You need to reduce the Azure costs for the company.
Solution: You remove the unused public IP addresses.
Does this meet the goal?

A.   Yes
B.   No

Answer: A
Explanation:
You are charged for public IP addresses. Therefore, deleting unused public IP addresses will reduce the Azure costs.
https://docs.microsoft.com/en-us/azure/advisor/advisor-cost-recommendations#reduce-costs-by-deleting-or-reconfiguring-idle-virtual-network-gateways

NEW QUESTION 196
In which Azure support plans can you open a new support request?

A.   Premier and Professional Direct only.
B.   Premier, Professional Direct, and Standard only.
C.   Premier, Professional Direct, Standard, and Developer only.
D.   Premier, Professional Direct, Standard, Developer, and Basic.

Answer: C
Explanation:
You can open support cases in the following plans: Premier, Professional Direct, Standard, and Developer only. You cannot open support cases in the Basic support plan.
https://azure.microsoft.com/en-us/support/plans/

NEW QUESTION 197
A support plan solution that gives you best practice information, health status and notifications, and 24/7 access to billing information at the lowest possible cost is a Standard support plan. (This question requires that you evaluate the underlined text to determine if it is correct. Instructions: Review the underlined text. If it makes the statement correct, select "No change is needed". If the statement is incorrect, select the answer choice that makes the statement correct.)

A.   No change is needed
B.   Developer
C.   Basic
D.   Premier

Answer: C
Explanation:
A basic support plan provides:
- 24x7 access to billing and subscription support, online self-help, documentation, whitepapers, and support forums.
- Access to full set of Azure Advisor recommendations.
- Access to personalized Service Health Dashboard & Health API.
https://azure.microsoft.com/en-us/support/plans/

NEW QUESTION 198
What is guaranteed in an Azure Service Level Agreement (SLA) for virtual machines?

A.   uptime
B.   feature availability
C.   bandwidth
D.   performance

Answer: A
Explanation:
The SLA for virtual machines guarantees `uptime'. The amount of uptime guaranteed depends on factors such as whether the VMs are in an availability set or availability zone if there is more than one VM, the distribution of the VMs if there is more than one or the disk type if it is a single VM.
https://azure.microsoft.com/en-us/support/legal/sla/summary/
https://azure.microsoft.com/en-us/support/legal/sla/virtual-machines/v1_9/

NEW QUESTION 199
Your company plans to purchase an Azure subscription. The company's support policy states that the Azure environment must provide an option to access support engineers by phone or email. You need to recommend which support plan meets the support policy requirement.
Solution: Recommend a Basic support plan.
Does this meet the goal?

A.   Yes
B.   No

Answer: B
Explanation:

The Basic support plan does not have any technical support for engineers. Access to Support Engineers via email or phone is available in the following support plans: Premier, Professional Direct and standard.
https://azure.microsoft.com/en-gb/support/plans/

NEW QUESTION 200
Your company plans to purchase an Azure subscription. The company's support policy states that the Azure environment must provide an option to access support engineers by phone or email. You need to recommend which support plan meets the support policy requirement.
Solution: Recommend a Standard support plan.
Does this meet the goal?

A.   Yes
B.   No

Answer: A
Explanation:
The Standard, Professional Direct, and Premier support plans have technical support for engineers via email and phone.
https://azure.microsoft.com/en-gb/support/plans/

NEW QUESTION 201
Your company plans to request an architectural review of an Azure environment from Microsoft. The company currently has a Basic support plan. You need to recommend a new support plan for the company. The solution must minimize costs. Which support plan should you recommend?

A.   Premier
B.   Developer
C.   Professional Direct
D.   Standard

Answer: A
Explanation:
The Premier support plan provides customer specific architectural support such as design reviews, performance tuning, configuration and implementation assistance delivered by Microsoft Azure technical specialists.
https://azure.microsoft.com/en-gb/support/plans/

NEW QUESTION 202
What is required to use Azure Cost Management?

A.   a Dev/Test subscription
B.   Software Assurance
C.   an Enterprise Agreement (EA)
D.   a pay-as-you-go subscription

Answer: C
Explanation:
Azure customers with an Azure Enterprise Agreement (EA), Microsoft Customer Agreement (MCA), or Microsoft Partner Agreement (MPA) can use Azure Cost Management. Cost management is the process of effectively planning and controlling costs involved in your business. Cost management tasks are normally performed by finance, management, and app teams. Azure Cost Management + Billing helps organizations plan with cost in mind. It also helps to analyze costs effectively and take action to optimize cloud spending.
https://docs.microsoft.com/en-gb/azure/cost-management/overview-cost-mgt

NEW QUESTION 203
Your company has 10 departments. The company plans to implement an Azure environment. You need to ensure that each department can use a different payment option for the Azure services it consumes. What should you create for each department?

A.   a reservation
B.   a subscription
C.   a resource group
D.   a container instance

Answer: B
Explanation:
There are different payment options in Azure including pay-as-you-go (PAYG), Enterprise Agreement (EA), and Microsoft Customer Agreement (MCA) accounts. Your Azure costs are `per subscription'. You are charged monthly for all resources in a subscription. Therefore, to use different payment options per department, you will need to create a separate subscription per department. You can create multiple subscriptions in a single Azure Active Directory tenant.
Incorrect:
Not A: A reservation is where you commit to a resource (for example a virtual machine) for one or three years. This gives you a discounted price on the resource for the reservation period. Reservations do not provide a way to use different payment options per department.
Not C: A resource group is a logical container for Azure resources. You can view the total cost of all the resources in a resource group. However, resource groups do not provide a way to use different payment options per department.
Not D: A container instance is an Azure resource used to run an application. Container instances do not provide a way to use different payment options per department.
https://docs.microsoft.com/en-us/azure/cost-management-billing/manage/create-subscription

NEW QUESTION 204
Which statement accurately describes the Modern Lifecycle Policy for Azure services?

A.   Microsoft provides mainstream support for a service for five years.
B.   Microsoft provides a minimum of 12 months' notice before ending support for a service.
C.   After a service is made generally available, Microsoft provides support for the service for a minimum of four years.
D.   When a service is retired, you can purchase extended support for the service for up to five years.

Answer: B
Explanation:
For products governed by the Modern Lifecycle Policy, Microsoft will provide a minimum of 12 months' notification prior to ending support if no successor product or service is offered--excluding free services or preview releases.
https://support.microsoft.com/en-us/help/30881/modern-lifecycle-policy

NEW QUESTION 205
You can use Advisor recommendations in Azure to send email alerts when the cost of the current billing period for an Azure subscription exceeds a specified limit. (This question requires that you evaluate the underlined text to determine if it is correct. Instructions: Review the underlined text. If it makes the statement correct, select "No change is needed". If the statement is incorrect, select the answer choice that makes the statement correct.)

A.   No change is needed
B.   Access control (IAM)

C.   Budget alerts
D.   Compliance

Answer: C
Explanation:
Budget alerts notify you when spending, based on usage or cost, reaches or exceeds the amount defined in the alert condition of the budget. Cost Management budgets are created using the Azure portal or the Azure Consumption API.
https://docs.microsoft.com/en-us/azure/cost-management-billing/costs/cost-mgt-alerts-monitor-usage-spending

NEW QUESTION 206
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