

You need to recommend which Azure service will minimize the administrative effort required to deploy and remove the virtual machines.

What should you recommend?

- A. Azure Reserved Virtual Machines (VM) Instances
- B. Azure virtual machine scale sets
- C. Azure DevTest Labs
- D. Microsoft Managed Desktop

Correct Answer: C

Section: Describe core solutions and management tools on Azure

Explanation

Explanation/Reference:

Explanation:

DevTest Labs creates labs consisting of pre-configured bases or Azure Resource Manager templates.

By using DevTest Labs, you can test the latest versions of your applications by doing the following tasks:

- Quickly provision Windows and Linux environments by using reusable templates and artifacts.
- Easily integrate your deployment pipeline with DevTest Labs to provision on-demand environments.
- Scale up your load testing by provisioning multiple test agents and create pre-provisioned environments for training and demos.

Reference:

<https://docs.microsoft.com/en-us/azure/lab-services/devtest-lab-overview>

QUESTION 89

A support engineer plans to perform several Azure management tasks by using the Azure CLI.

You install the CLI on a computer.

You need to tell the support engineer which tools to use to run the CLI.

Which two tools should you instruct the support engineer to use? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

- A. Command Prompt
- B. Azure Resource Explorer
- C. Windows PowerShell
- D. Windows Defender Firewall
- E. Network and Sharing Center

Correct Answer: AC

Section: Describe core solutions and management tools on Azure

Explanation

Explanation/Reference:

Explanation:

For Windows the Azure CLI is installed via an MSI, which gives you access to the CLI through the Windows Command Prompt (CMD) or PowerShell.

References:

<https://docs.microsoft.com/en-us/cli/azure/install-azure-cli-windows?view=azure-cli-latest>

QUESTION 90

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You have an Azure environment. You need to create a new Azure virtual machine from a tablet that runs the Android operating system.

Solution: You use PowerShell in Azure Cloud Shell.

Does this meet the goal?

- A. Yes
- B. No

Correct Answer: A

Section: Describe core solutions and management tools on Azure

Explanation

Explanation/Reference:

Explanation:

Azure Cloud Shell is a browser-based shell experience to manage and develop Azure resources.

Cloud Shell offers a browser-accessible, pre-configured shell experience for managing Azure resources without the overhead of installing, versioning, and maintaining a machine yourself.

Being browser-based, Azure Cloud Shell can be run on a browser from a tablet that runs the Android operating system.

References:

<https://docs.microsoft.com/en-us/azure/cloud-shell/features>

QUESTION 91

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You have an Azure environment. You need to create a new Azure virtual machine from a tablet that runs the Android operating system.

Solution: You use the PowerApps portal.

Does this meet the goal?

- A. Yes
- B. No

Correct Answer: B

Section: Describe core solutions and management tools on Azure

Explanation

Explanation/Reference:

Explanation:

PowerApps lets you quickly build business applications with little or no code. It is not used to create Azure virtual machines. Therefore, this solution does not meet the goal.

PowerApps Portals allow organizations to create websites which can be shared with users external to their organization either anonymously or through the login provider of their choice like LinkedIn, Microsoft Account, other commercial login providers.

References:

<https://powerapps.microsoft.com/en-us/blog/introducing-powerapps-portals-powerful-low-code-websites-for-external-users/>

QUESTION 92

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You have an Azure environment. You need to create a new Azure virtual machine from a tablet that runs the Android operating system.

Solution: You use the Azure portal.

Does this meet the goal?

- A. Yes
- B. No

Correct Answer: A

Section: Describe core solutions and management tools on Azure

Explanation

Explanation/Reference:

Explanation:

The Azure portal is a web-based, unified console that provides an alternative to command-line tools. With the Azure portal, you can manage your Azure subscription using a graphical user interface. You can build, manage, and monitor everything from simple web apps to complex cloud deployments. Create custom dashboards for an organized view of resources. Configure accessibility options for an optimal experience.

Being web-based, the Azure portal can be run on a browser from a tablet that runs the Android operating system.

References:

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

QUESTION 93

This question requires that you evaluate the underlined text to determine if it is correct.

Azure Databricks is an Apache Spark-based analytics service.

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. Azure Data Factory
- C. Azure DevOps
- D. Azure HDInsight

Correct Answer: A

Section: Describe core solutions and management tools on Azure

Explanation

Explanation/Reference:

Explanation:

Azure Databricks is an Apache Spark-based analytics platform. The platform consists of several components including 'MLib'. Mlib is a Machine Learning library consisting of common learning algorithms and utilities, including classification, regression, clustering, collaborative filtering, dimensionality reduction, as well as underlying optimization primitives.

References:

<https://docs.microsoft.com/en-us/azure/azure-databricks/what-is-azure-databricks#apache-spark-based-analytics-platform>

QUESTION 94

HOTSPOT

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

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

Statements	Yes	No
Azure Monitor can monitor the performance of on-premises computers.	<input type="radio"/>	<input type="radio"/>
Azure Monitor can send alerts to Azure Active Directory security groups.	<input type="radio"/>	<input type="radio"/>
Azure Monitor can trigger alerts based on data in an Azure Log Analytics workspace.	<input type="radio"/>	<input type="radio"/>

Correct Answer:

Answer Area

Statements	Yes	No
Azure Monitor can monitor the performance of on-premises computers.	<input checked="" type="radio"/>	<input type="radio"/>
Azure Monitor can send alerts to Azure Active Directory security groups.	<input checked="" type="radio"/>	<input type="radio"/>
Azure Monitor can trigger alerts based on data in an Azure Log Analytics workspace.	<input checked="" type="radio"/>	<input type="radio"/>

Section: Describe core solutions and management tools on Azure

Explanation

Explanation/Reference:

Explanation:

Box 1: Yes

Azure Monitor maximizes the availability and performance of your applications and services by delivering a comprehensive solution for collecting, analyzing, and acting on telemetry from your cloud and on-premises environments.

Box 2: Yes

Alerts in Azure Monitor proactively notify you of critical conditions and potentially attempt to take corrective action.

Box 3: Yes

Azure Monitor uses Target Resource, which is the scope and signals available for alerting. A target can be any Azure resource. Example targets: a virtual machine, a storage account, a virtual machine scale set, a Log Analytics workspace, or an Application Insights resource.

References:

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

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

QUESTION 95

Which Azure service provides a set of version control tools to manage code?

- A. Azure Repos
- B. Azure DevTest Labs
- C. Azure Storage
- D. Azure Cosmos DB

Correct Answer: A

Section: Describe core solutions and management tools on Azure

Explanation

Explanation/Reference:

Explanation:

Azure Repos is a set of version control tools that you can use to manage your code.

Incorrect Answers:

B: Azure DevTest Labs creates labs consisting of pre-configured bases or Azure Resource Manager templates. These have all the necessary tools and software that you can use to create environments.

D: Azure Cosmos DB is Microsoft's globally distributed, multi-model database service.

References:

<https://docs.microsoft.com/en-us/azure/devops/repos/get-started/what-is-repos?view=azure-devops>

QUESTION 96

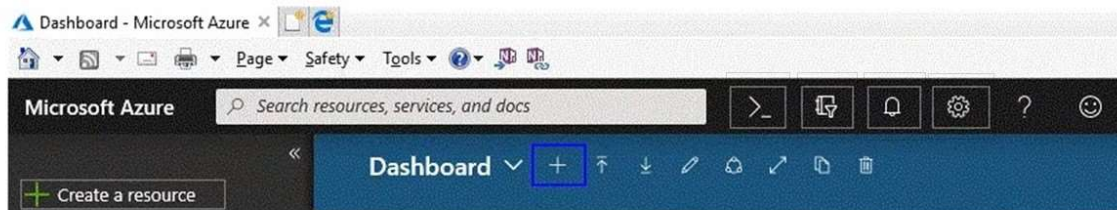
HOTSPOT

You need to manage Azure by using Azure Cloud Shell.

Which Azure portal icon should you select? To answer, select the appropriate icon in the answer area.

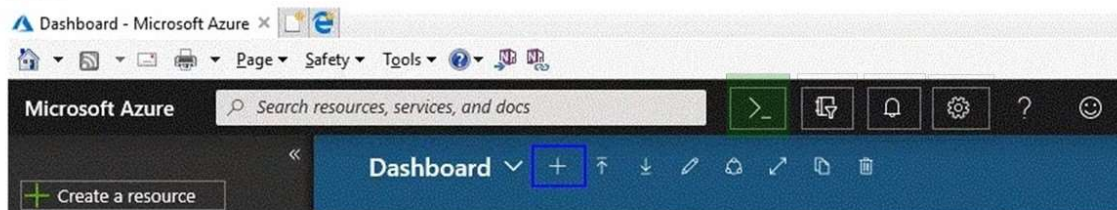
Hot Area:

Answer Area



Correct Answer:

Answer Area



Section: Describe core solutions and management tools on Azure

Explanation

Explanation/Reference:

Explanation:

You can access Azure Cloud Shell in the Azure portal by clicking the icon.

Azure Cloud Shell is an interactive, authenticated, browser-accessible shell for managing Azure resources. It provides the flexibility of choosing the shell experience that best suits the way you work, either Bash or PowerShell.

Cloud Shell enables access to a browser-based command-line experience built with Azure management tasks in mind.

References:

<https://docs.microsoft.com/en-us/azure/cloud-shell/overview?view=azure-cli-latest>

QUESTION 97

You have a virtual machine named VM1 that runs Windows Server 2016. VM1 is in the East US Azure region.

Which Azure service should you use from the Azure portal to view service failure notifications that can affect the availability of VM1?

- A. Azure Service Fabric
- B. Azure Monitor
- C. Azure virtual machines
- D. Azure Advisor

Correct Answer: C

Section: Describe core solutions and management tools on Azure

Explanation

Explanation/Reference:

Explanation:

In the Azure virtual machines page in the Azure portal, there is a named Maintenance Status. This column will display service issues that could affect your virtual machine. A service failure is rare but host server maintenance that could affect your virtual machines is more common.

Azure periodically updates its platform to improve the reliability, performance, and security of the host infrastructure for virtual machines. The purpose of these updates ranges from patching software components in the hosting environment to upgrading networking components or decommissioning hardware.

References:

<https://docs.microsoft.com/en-us/azure/virtual-machines/maintenance-and-updates>

QUESTION 98

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

An Azure administrator plans to run a PowerShell script that creates Azure resources.

You need to recommend which computer configuration to use to run the script.

Solution: Run the script from a computer that runs Linux and has the Azure CLI tools installed.

Does this meet the goal?

- A. Yes
- B. No

Correct Answer: B

Section: Describe core solutions and management tools on Azure

Explanation

Explanation/Reference:

Explanation:

A PowerShell script is a file that contains PowerShell cmdlets and code. A PowerShell script needs to be run in PowerShell.

PowerShell can now be installed on Linux. However, the question states that the computer has Azure CLI tools, not PowerShell installed. Therefore, this solution does not meet the goal.

References:

<https://docs.microsoft.com/en-us/powershell/scripting/components/ise/how-to-write-and-run-scripts-in-the->

[windows-powershell-ise?view=powershell-6](#)

QUESTION 99

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

An Azure administrator plans to run a PowerShell script that creates Azure resources.

You need to recommend which computer configuration to use to run the script.

Solution: Run the script from a computer that runs Chrome OS and uses Azure Cloud Shell.

Does this meet the goal?

- A. Yes
- B. No

Correct Answer: A

Section: Describe core solutions and management tools on Azure

Explanation

Explanation/Reference:

Explanation:

A PowerShell script is a file that contains PowerShell cmdlets and code. A PowerShell script needs to be run in PowerShell.

With the Azure Cloud Shell, you can run PowerShell cmdlets and scripts in a Web browser. You log in to the Azure Portal and select the Azure Cloud Shell option. This will open a PowerShell session in the Web browser. The Azure Cloud Shell has the necessary Azure PowerShell module installed.

Note: to run a PowerShell script in the Azure Cloud Shell, you need to change to the directory where the PowerShell script is stored.

References:

<https://docs.microsoft.com/en-us/azure/cloud-shell/quickstart-powershell>

QUESTION 100

HOTSPOT

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

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

Statements	Yes	No
From Azure Service Health, an administrator can view the health of all the services in an Azure environment.	<input type="radio"/>	<input type="radio"/>
From Azure Service Health, an administrator can create a rule to be alerted if an Azure service fails.	<input type="radio"/>	<input type="radio"/>
From Azure Service Health, an administrator can prevent a service failure	<input type="radio"/>	<input type="radio"/>

Correct Answer:**Answer Area**

Statements	Yes	No
From Azure Service Health, an administrator can view the health of all the services in an Azure environment.	<input checked="" type="radio"/>	<input type="radio"/>
From Azure Service Health, an administrator can create a rule to be alerted if an Azure service fails.	<input checked="" type="radio"/>	<input type="radio"/>
From Azure Service Health, an administrator can prevent a service failure	<input type="radio"/>	<input checked="" type="radio"/>

Section: Describe core solutions and management tools on Azure
Explanation**Explanation/Reference:**

Explanation:

Box 1: Yes

Azure Service Health consists of three components: Azure Status, Azure Service Health and Azure Resource Health.

Azure service health provides a personalized view of the health of the Azure services and regions you're using. This is the best place to look for service impacting communications about outages, planned maintenance activities, and other health advisories because the authenticated Azure Service Health experience knows which services and resources you currently use.

To view the health of all other services available in Azure, you would use the Azure Status component of Azure Service Health. Azure status informs you of service outages in Azure on the Azure Status page. The page is a global view of the health of all Azure services across all Azure regions.

Box 2: Yes

The best way to use Service Health is to set up Service Health alerts to notify you via your preferred communication channels when service issues, planned maintenance, or other changes may affect the Azure services and regions you use.

Box 3: No

You can use Resource Health to view the health of a virtual machine. However, you cannot use Resource Health to prevent a service failure affecting the virtual machine.

Azure resource health provides information about the health of your individual cloud resources such as a specific virtual machine instance.

References:

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

QUESTION 101

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

An Azure administrator plans to run a PowerShell script that creates Azure resources.

You need to recommend which computer configuration to use to run the script.

Solution: Run the script from a computer that runs macOS and has PowerShell Core 6.0 installed.

Does this meet the goal?

- A. Yes
- B. No

Correct Answer: A

Section: Describe core solutions and management tools on Azure

Explanation

Explanation/Reference:

Explanation:

A PowerShell script is a file that contains PowerShell cmdlets and code. A PowerShell script needs to be run in PowerShell.

In this question, the computer has PowerShell Core 6.0 installed. Therefore, this solution does meet the goal.

Note: To create Azure resources using PowerShell, you would need to import the Azure PowerShell module which includes the PowerShell cmdlets required to create the resources.

References:

<https://docs.microsoft.com/en-us/powershell/scripting/components/ise/how-to-write-and-run-scripts-in-the-windows-powershell-ise?view=powershell-6>

QUESTION 102

HOTSPOT

You need to view a list of planned maintenance events that can affect the availability of an Azure subscription.

Which blade should you use from the Azure portal? To answer, select the appropriate blade in the answer area.

Hot Area:

Microsoft Azure



New



All services



FAVORITES



Dashboard



All resources



Resource groups



App Services



Function Apps



SQL databases



Azure Cosmos DB



Virtual machines



Load balancers



Storage accounts



Virtual networks



Azure Active Directory



Advisor



Security Center

Correct Answer:

Microsoft Azure



New



All services



FAVORITES



Dashboard



All resources



Resource groups



App Services



Function Apps



SQL databases



Azure Cosmos DB



Virtual machines



Load balancers



Storage accounts



Virtual networks



Azure Active Directory



Advisor



Security Center

Section: Describe core solutions and management tools on Azure

Explanation

Explanation/Reference:

Explanation:

On the Help and Support blade, there is a Service Health option. If you click Service Health, a new blade opens. The Service Health blade contains the Planned Maintenance link which opens a blade where you can view a list of planned maintenance events that can affect the availability of an Azure subscription.

QUESTION 103

DRAG DROP

Match the Azure service to the correct definition.

Instructions: 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.

NOTE: Each correct match is worth one point.

Select and Place:

Answer Options

Azure Advisor

Azure Cognitive
Services

Azure Application
Insights

Azure DevOps

Answer Area

An integrated solution for the
deployment of code

A tool that provides guidance and recommendations to
improve an Azure environment

A simplified tool to build intelligent Artificial
Intelligence (AI) applications

Monitors web applications

Correct Answer:

Answer Options

Azure Advisor

Azure Cognitive
Services

Azure Application
Insights

Azure DevOps

Answer Area

Azure DevOps An integrated solution for the
deployment of code

Azure Advisor A tool that provides guidance and recommendations to
improve an Azure environment

Azure Cognitive
Services A simplified tool to build intelligent Artificial
Intelligence (AI) applications

Azure Application
Insights Monitors web applications

Section: Describe core solutions and management tools on Azure

Explanation

Explanation/Reference:

Explanation:

Box 1: Azure DevOps.

Azure DevOps is Microsoft's primary software development and deployment platform.

DevOps influences the application lifecycle throughout its plan, develop, deliver and operate phases.

Box 2: Azure Advisor.

Advisor is a personalized cloud consultant that helps you follow best practices to optimize your Azure deployments. It analyzes your resource configuration and usage telemetry and then recommends solutions that can help you improve the cost effectiveness, performance, high availability, and security of your Azure resources.

Box 3: Azure Cognitive Services.

Azure Cognitive Services are APIs, SDKs, and services available to help developers build intelligent applications without having direct AI or data science skills or knowledge. Azure Cognitive Services enable developers to easily add cognitive features into their applications. The goal of Azure Cognitive Services is to help developers create applications that can see, hear, speak, understand, and even begin to reason. The catalog of services within Azure Cognitive Services can be categorized into five main pillars - Vision, Speech, Language, Web Search, and Decision.

Box 4: Azure Application Insights.

Azure Application Insights detects and diagnoses anomalies in web apps.

Application Insights, a feature of Azure Monitor, is an extensible Application Performance Management (APM) service for developers and DevOps professionals. Use it to monitor your live applications. It will automatically detect performance anomalies, and includes powerful analytics tools to help you diagnose issues and to understand what users actually do with your app.

References:

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

<https://azure.microsoft.com/en-gb/overview/what-is-devops/>

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

<https://docs.microsoft.com/en-us/azure/cognitive-services/welcome>

QUESTION 104

DRAG DROP

Match the Azure service to the correct description.

Instructions: 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.

NOTE: Each correct match is worth one point.

Select and Place:

Answer Options	Answer Area
Azure HDInsight	<input type="text"/> A managed relational cloud database service.
Azure Data Lake Analytics	<input type="text"/> 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 Synapse Analytics	<input type="text"/> Can run massively parallel data transformation and processing programs across petabytes of data
Azure SQL Database	<input type="text"/> An open-source framework for the distributed processing and analysis of big data sets in clusters

Correct Answer:

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

Section: Describe core solutions and management tools on Azure

Explanation

Explanation/Reference:

Explanation:

Box 1: Azure SQL Database

SQL Server is a relational database service. Azure SQL Database is a managed SQL Server Database in Azure. The SQL Server is managed by Microsoft; you just have access to the database.

Box 2: Azure SQL Synapse Analytics

Azure SQL Synapse Analytics (previously called Data Warehouse) is a cloud-based Platform-as-a-Service (PaaS) offering from Microsoft. It is a large-scale, distributed, MPP (massively parallel processing) relational database technology in the same class of competitors as Amazon Redshift or Snowflake. Azure SQL Synapse Analytics is an important component of the Modern Data Warehouse multi-platform architecture. Because Azure SQL Synapse Analytics is an MPP system with a shared-nothing architecture across distributions, it is meant for large-scale analytical workloads which can take advantage of parallelism.

Box 3: Azure Data Lake Analytics

You can process big data jobs in seconds with Azure Data Lake Analytics. You can process petabytes of data for diverse workload categories such as querying, ETL, analytics, machine learning, machine translation, image processing and sentiment analysis by leveraging existing libraries written in .NET languages, R or Python.

Box 4: Azure HDInsight.

Apache Hadoop was the original open-source framework for distributed processing and analysis of big data sets on clusters. The Hadoop ecosystem includes related software and utilities, including Apache Hive, Apache HBase, Spark, Kafka, and many others.

Azure HDInsight is a fully managed, full-spectrum, open-source analytics service in the cloud for enterprises. The Apache Hadoop cluster type in Azure HDInsight allows you to use HDFS, YARN resource management, and a simple MapReduce programming model to process and analyze batch data in parallel.

Reference:

<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>

<https://www.blue-granite.com/blog/is-azure-sql-data-warehouse-a-good-fit-updated>

<https://azure.microsoft.com/en-gb/services/data-lake-analytics/>

QUESTION 105

HOTSPOT

You need to identify which blades in the Azure portal must be used to perform the following tasks:

- View security recommendations.
- Monitor the health of Azure services.
- Browse available virtual machine images.

Which blade should you identify for each task? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

Monitor the health of Azure services:

	▼
Monitor	
Subscriptions	
Marketplace	
Advisor	

Browse available virtual machine images:

	▼
Monitor	
Subscriptions	
Marketplace	
Advisor	

View security recommendations:

	▼
Monitor	
Subscriptions	
Marketplace	
Advisor	

Correct Answer:

Answer Area

Monitor the health of Azure services:



Browse available virtual machine images:



View security recommendations:



Section: Describe core solutions and management tools on Azure

Explanation

Explanation/Reference:

Explanation:

Box 1:

Azure Monitor is used to monitor the health of Azure services.

Azure Monitor maximizes the availability and performance of your applications and services by delivering a comprehensive solution for collecting, analyzing, and acting on telemetry from your cloud and on-premises environments. It helps you understand how your applications are performing and proactively identifies issues affecting them and the resources they depend on.

Box 2:

You can browse available virtual machine images in the Azure Marketplace.

Azure Marketplace provides access and information on solutions and services available from Microsoft and their partners. Customers can discover, try, or buy cloud software solutions built on or for Azure. The catalog of 8,000+ listings provides Azure building blocks, such as Virtual Machines (VMs), APIs, Azure apps, Solution Templates and managed applications, SaaS apps, containers, and consulting services.

Box 3.

Azure Advisor displays security recommendations.

Azure Advisor provides you with a consistent, consolidated view of recommendations for all your Azure

resources. It integrates with Azure Security Center to bring you security recommendations. You can get security recommendations from the Security tab on the Advisor dashboard.

Security Center helps you prevent, detect, and respond to threats with increased visibility into and control over the security of your Azure resources. It periodically analyzes the security state of your Azure resources. When Security Center identifies potential security vulnerabilities, it creates recommendations. The recommendations guide you through the process of configuring the controls you need.

References:

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

<https://docs.microsoft.com/en-us/azure/marketplace/marketplace-faq-publisher-guide>

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

QUESTION 106

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You have an Azure environment. You need to create a new Azure virtual machine from a tablet that runs the Android operating system.

Solution: You use Bash in Azure Cloud Shell.

Does this meet the goal?

- A. Yes
- B. No

Correct Answer: A

Section: Describe core solutions and management tools on Azure

Explanation

Explanation/Reference:

Explanation:

With Azure Cloud Shell, you can create virtual machines using Bash or PowerShell.

Azure Cloud Shell is an interactive, authenticated, browser-accessible shell for managing Azure resources. It provides the flexibility of choosing the shell experience that best suits the way you work, either Bash or PowerShell.

Reference:

<https://docs.microsoft.com/en-us/azure/cloud-shell/quickstart>

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

QUESTION 107

You have an on-premises application that sends email notifications automatically based on a rule.

You plan to migrate the application to Azure.

You need to recommend a serverless computing solution for the application.

What should you include in the recommendation?

- A. a web app
- B. a server image in Azure Marketplace
- C. a logic app
- D. an API app

Correct Answer: C

Section: Describe core solutions and management tools on Azure

Explanation

Explanation/Reference:

Explanation:

Azure Logic Apps is a cloud service that helps you schedule, automate, and orchestrate tasks, business processes, and workflows when you need to integrate apps, data, systems, and services across enterprises or organizations. Logic Apps simplifies how you design and build scalable solutions for app integration, data integration, system integration, enterprise application integration (EAI), and business-to-business (B2B) communication, whether in the cloud, on premises, or both.

For example, here are just a few workloads you can automate with logic apps:

- Process and route orders across on-premises systems and cloud services.
- Send email notifications with Office 365 when events happen in various systems, apps, and services.
- Move uploaded files from an SFTP or FTP server to Azure Storage.
- Monitor tweets for a specific subject, analyze the sentiment, and create alerts or tasks for items that need review.

References:

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

QUESTION 108

You plan to deploy a website to Azure. The website will be accessed by users worldwide and will host large video files.

You need to recommend which Azure feature must be used to provide the best video playback experience.

What should you recommend?

- A. an application gateway
- B. an Azure ExpressRoute circuit
- C. a content delivery network (CDN)
- D. an Azure Traffic Manager profile

Correct Answer: C

Section: Describe core solutions and management tools on Azure

Explanation

Explanation/Reference:

Explanation:

The question states that users are located worldwide and will be downloading large video files. The video playback experience would be improved if they can download the video from servers in the same region as the users. We can achieve this by using a content deliver network.

A content delivery network (CDN) is a distributed network of servers that can efficiently deliver web content to users. CDNs store cached content on edge servers in point-of-presence (POP) locations that are close to end users, to minimize latency.

Azure Content Delivery Network (CDN) offers developers a global solution for rapidly delivering high-bandwidth content to users by caching their content at strategically placed physical nodes across the world. Azure CDN can also accelerate dynamic content, which cannot be cached, by leveraging various network optimizations using CDN POPs. For example, route optimization to bypass Border Gateway Protocol (BGP).

The benefits of using Azure CDN to deliver web site assets include:

- Better performance and improved user experience for end users, especially when using applications in which multiple round-trips are required to load content.
- Large scaling to better handle instantaneous high loads, such as the start of a product launch event.
- Distribution of user requests and serving of content directly from edge servers so that less traffic is sent to the origin server.

References:

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

QUESTION 109

Your company plans to deploy several million sensors that will upload data to Azure.

You need to identify which Azure resources must be created to support the planned solution.

Which two Azure resources should you identify? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

- A. Azure Data Lake
- B. Azure Queue storage
- C. Azure File Storage
- D. Azure IoT Hub
- E. Azure Notification Hubs

Correct Answer: AD

Section: Describe core solutions and management tools on Azure

Explanation

Explanation/Reference:

Explanation:

IoT Hub (Internet of things Hub) provides data from millions of sensors.

IoT Hub is a managed service, hosted in the cloud, that acts as a central message hub for bi-directional communication between your IoT application and the devices it manages. You can use Azure IoT Hub to build IoT solutions with reliable and secure communications between millions of IoT devices and a cloud-hosted solution backend. You can connect virtually any device to IoT Hub.

There are two storage services IoT Hub can route messages to -- Azure Blob Storage and Azure Data Lake Storage Gen2 (ADLS Gen2) accounts. Azure Data Lake Storage accounts are hierarchical namespace-enabled storage accounts built on top of blob storage. Both of these use blobs for their storage.

References:

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

<https://docs.microsoft.com/en-us/azure/iot-hub/iot-hub-devguide-messages-d2c>

QUESTION 110

You have an Azure web app.

You need to manage the settings of the web app from an iPhone.

What are two Azure management tools that you can use? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

- A. Azure CLI

- B. the Azure portal
- C. Azure Cloud Shell
- D. Windows PowerShell
- E. Azure Storage Explorer

Correct Answer: BC

Section: Describe core solutions and management tools on Azure

Explanation

Explanation/Reference:

Explanation:

The Azure portal is the web-based portal for managing Azure. Being web-based, you can use the Azure portal on an iPhone.

Azure Cloud Shell is a web-based command line for managing Azure. You access the Azure Cloud Shell from the Azure portal. Being web-based, you can use the Azure Cloud Shell on an iPhone.

Incorrect Answers:

A: Azure CLI can be installed on MacOS but it cannot be installed on an iPhone.

D: Windows PowerShell can be installed on MacOS but it cannot be installed on an iPhone.

E: Azure Storage Explorer is not used to manage Azure web apps.

References:

<http://www.deployazure.com/management/managing-azure-from-ipad/>

QUESTION 111

Your company plans to deploy an Artificial Intelligence (AI) solution in Azure.

What should the company use to build, test, and deploy predictive analytics solutions?

- A. Azure Logic Apps
- B. Azure Machine Learning Designer
- C. Azure Batch
- D. Azure Cosmos DB

Correct Answer: B

Section: Describe core solutions and management tools on Azure

Explanation

Explanation/Reference:

Explanation:

Azure Machine Learning designer lets you visually connect datasets and modules on an interactive canvas to create machine learning models.

Reference:

<https://docs.microsoft.com/en-us/azure/machine-learning/concept-designer>

QUESTION 112

HOTSPOT

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

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

Statements	Yes	No
Azure Advisor can generate a list of Azure virtual machines that are protected by Azure Backup.	<input type="radio"/>	<input type="radio"/>
If you implement the security recommendations provided by Azure Advisor, your company's secure score will decrease.	<input type="radio"/>	<input type="radio"/>
To maintain Microsoft support, you must implement the security recommendations provided by Azure Advisor within a period of 30 days.	<input type="radio"/>	<input type="radio"/>

Correct Answer:

Answer Area

Statements	Yes	No
Azure Advisor can generate a list of Azure virtual machines that are protected by Azure Backup.	<input type="radio"/>	<input checked="" type="radio"/>
If you implement the security recommendations provided by Azure Advisor, your company's secure score will decrease.	<input type="radio"/>	<input checked="" type="radio"/>
To maintain Microsoft support, you must implement the security recommendations provided by Azure Advisor within a period of 30 days.	<input type="radio"/>	<input checked="" type="radio"/>

Section: Describe core solutions and management tools on Azure
Explanation

Explanation/Reference:
Explanation:

Box 1: No

Azure Advisor does not generate a list of virtual machines that ARE protected by Azure Backup. Azure Advisor does however, generate a list of virtual that ARE NOT protected by Azure Backup. You can view a list of virtual machines that are protected by Azure Backup by viewing the Protected Items in the Azure Recovery Services Vault.

Box 2: No

If you implement the security recommendations, your company's score will increase, not decrease.

Box 3: No

There is no requirement to implement the security recommendations provided by Azure Advisor. The recommendations are just that, 'recommendations'. They are not 'requirements'.

References:

<https://azure.microsoft.com/en-gb/blog/advisor-backup-recommendations/>

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

<https://microsoft.github.io/AzureTipsAndTricks/blog/tip173.html>

QUESTION 113

What can you use to automatically send an alert if an administrator stops an Azure virtual machine?

- A. Azure Advisor
- B. Azure Service Health
- C. Azure Monitor
- D. Azure Network Watcher

Correct Answer: C

Section: Describe core solutions and management tools on Azure

Explanation

Explanation/Reference:

Reference:

<https://docs.microsoft.com/en-us/azure/azure-monitor/insights/vminsights-alerts>

QUESTION 114

DRAG DROP

Match the Azure services to the correct descriptions.

Instructions: 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.

NOTE: Each correct match is worth one point

Select and Place:

Azure Services

Azure Machine Learning

Azure Synapse Analytics

Azure IoT Hub

Azure Functions

Answer Area

Provides a cloud-based Enterprise Data Warehouse (EDW).

Uses past trainings to provide predictions that have high probability.

Provides serverless computing functionalities.

Processes data from millions of sensors.

Correct Answer:

Azure Services

Answer Area**Azure Synapse Analytics**

Provides a cloud-based Enterprise Data Warehouse (EDW).

Azure Machine Learning

Uses past trainings to provide predictions that have high probability.

Azure IoT Hub

Provides serverless computing functionalities.

Azure Functions

Processes data from millions of sensors.

Section: Describe core solutions and management tools on Azure**Explanation****Explanation/Reference:**

Reference:

<https://azure.microsoft.com/en-gb/services/synapse-analytics/><https://docs.microsoft.com/en-us/azure/machine-learning/overview-what-is-azure-ml><https://docs.microsoft.com/en-us/azure/iot-hub/about-iot-hub><https://docs.microsoft.com/en-us/azure/azure-functions/functions-overview>**QUESTION 115**

You have an Azure environment.

You need to create a new Azure virtual machine from a tablet that runs the Android operating system.

What are three possible solutions? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

- A. Use Bash in Azure Cloud Shell.
- B. Use PowerShell in Azure Cloud Shell.
- C. Use the PowerApps portal.
- D. Use the Security & Compliance admin center.
- E. Use the Azure portal.

Correct Answer: ABE**Section: Describe core solutions and management tools on Azure****Explanation****Explanation/Reference:**

Explanation:

The Android tablet device will have a web browser (Chrome). That's enough to connect to the Azure portal.

The Azure portal offers three ways to create a VM:

- Using the graphical portal.
- Using the Azure Cloud Shell using Bash.
- Using the Azure Cloud Shell using PowerShell.

QUESTION 116

You have an Azure environment that contains 10 virtual networks and 100 virtual machines.

You need to limit the amount of inbound traffic to all the Azure virtual networks.

What should you create?

- A. one application security group (ASG)
- B. 10 virtual network gateways
- C. 10 Azure ExpressRoute circuits
- D. one Azure firewall

Correct Answer: D

Section: Describe general security and network security features

Explanation

Explanation/Reference:

Explanation:

You can restrict traffic to multiple virtual networks with a single Azure firewall.

Azure Firewall is a managed, cloud-based network security service that protects your Azure Virtual Network resources. It's a fully stateful firewall as a service with built-in high availability and unrestricted cloud scalability. You can centrally create, enforce, and log application and network connectivity policies across subscriptions and virtual networks. Azure Firewall uses a static public IP address for your virtual network resources allowing outside firewalls to identify traffic originating from your virtual network.

References:

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

QUESTION 117

This question requires that you evaluate the underlined text to determine if it is correct.

Azure Key Vault is used to store secrets for Azure Active Directory (Azure AD) user accounts.

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. Azure Active Directory (Azure AD) administrative accounts
- C. Personally Identifiable Information (PII)
- D. server applications

Correct Answer: D

Section: Describe general security and network security features

Explanation

Explanation/Reference:

Explanation:

Centralizing storage of application secrets in Azure Key Vault allows you to control their distribution. Key Vault greatly reduces the chances that secrets may be accidentally leaked. When using Key Vault, application developers no longer need to store security information in their application. Not having to store security information in applications eliminates the need to make this information part of the code. For example, an application may need to connect to a database. Instead of storing the connection string in the app's code, you can store it securely in Key Vault.

References:

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

<https://docs.microsoft.com/en-us/learn/modules/manage-secrets-with-azure-key-vault/>

QUESTION 118

Your company plans to automate the deployment of servers to Azure.

Your manager is concerned that you may expose administrative credentials during the deployment.

You need to recommend an Azure solution that encrypts the administrative credentials during the deployment.

What should you include in the recommendation?

- A. Azure Key Vault
- B. Azure Information Protection
- C. Azure Security Center
- D. Azure Multi-Factor Authentication (MFA)

Correct Answer: A

Section: Describe general security and network security features

Explanation

Explanation/Reference:

Explanation:

Azure Key Vault is a secure store for storage various types of sensitive information. In this question, we would store the administrative credentials in the Key Vault. With this solution, there is no need to store the administrative credentials as plain text in the deployment scripts.

All information stored in the Key Vault is encrypted.

Azure Key Vault can be used to Securely store and tightly control access to tokens, passwords, certificates, API keys, and other secrets.

Secrets and keys are safeguarded by Azure, using industry-standard algorithms, key lengths, and hardware security modules (HSMs). The HSMs used are Federal Information Processing Standards (FIPS) 140-2 Level 2 validated.

Access to a key vault requires proper authentication and authorization before a caller (user or application) can get access. Authentication establishes the identity of the caller, while authorization determines the operations that they are allowed to perform.

References:

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

QUESTION 119

You plan to deploy several Azure virtual machines.

You need to control the ports that devices on the Internet can use to access the virtual machines.

What should you use?

- A. a network security group (NSG)
- B. an Azure Active Directory (Azure AD) role
- C. an Azure Active Directory group
- D. an Azure key vault

Correct Answer: A

Section: Describe general security and network security features

Explanation

Explanation/Reference:

Explanation:

A network security group works like a firewall. You can attach a network security group to a virtual network and/or individual subnets within the virtual network. You can also attach a network security group to a network interface assigned to a virtual machine. You can use multiple network security groups within a virtual network to restrict traffic between resources such as virtual machines and subnets.

You can filter network traffic to and from Azure resources in an Azure virtual network with a network security group. A network security group contains security rules that allow or deny inbound network traffic to, or outbound network traffic from, several types of Azure resources.

References:

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

QUESTION 120

HOTSPOT

To complete the sentence, select the appropriate option in the answer area.

Hot Area:

Answer Area

After you create a virtual machine, you need to modify the

	▼
network security group (NSG)	
virtual network gateway	
virtual network	
route table	

to allow connections to TCP port 8080 on the virtual machine.

Correct Answer:

Answer Area

After you create a virtual machine, you need to modify the

	▼
network security group (NSG)	
virtual network gateway	
virtual network	
route table	

to allow connections to TCP port 8080 on the virtual machine.

Section: Describe general security and network security features

Explanation

Explanation/Reference:

Explanation:

When you create a virtual machine, the default setting is to create a Network Security Group attached to the network interface assigned to a virtual machine.

A network security group works like a firewall. You can attach a network security group to a virtual network and/or individual subnets within the virtual network. You can also attach a network security group to a network interface assigned to a virtual machine. You can use multiple network security groups within a virtual network to restrict traffic between resources such as virtual machines and subnets.

You can filter network traffic to and from Azure resources in an Azure virtual network with a network security group. A network security group contains security rules that allow or deny inbound network traffic to, or outbound network traffic from, several types of Azure resources.

In this question, we need to add a rule to the network security group to allow the connection to the virtual machine on port 8080.

Reference:

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

QUESTION 121

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

Your Azure environment contains multiple Azure virtual machines.

You need to ensure that a virtual machine named VM1 is accessible from the Internet over HTTP.

Solution: You modify a network security group (NSG).

Does this meet the goal?

- A. Yes
- B. No

Correct Answer: A

Section: Describe general security and network security features

Explanation

Explanation/Reference:

Explanation:

A network security group works like a firewall. You can attach a network security group to a virtual network and/or individual subnets within the virtual network. You can also attach a network security group to a network interface assigned to a virtual machine. You can use multiple network security groups within a virtual network to restrict traffic between resources such as virtual machines and subnets.

You can filter network traffic to and from Azure resources in an Azure virtual network with a network security group. A network security group contains security rules that allow or deny inbound network traffic to, or outbound network traffic from, several types of Azure resources.

In this question, we need to add a rule to the network security group to allow the connection to the virtual machine on port 80 (HTTP).

References:

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

QUESTION 122

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

Your Azure environment contains multiple Azure virtual machines.

You need to ensure that a virtual machine named VM1 is accessible from the Internet over HTTP.

Solution: You modify a DDoS protection plan.

Does this meet the goal?

- A. Yes
- B. No

Correct Answer: B

Section: Describe general security and network security features

Explanation

Explanation/Reference:

Explanation:

DDoS is a form of attack on a network resource. A DDoS protection plan is used to protect against DDoS attacks; it does not provide connectivity to a virtual machine.

To ensure that a virtual machine named VM1 is accessible from the Internet over HTTP, you need to modify a network security group or Azure Firewall.

References:

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

QUESTION 123

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

Your Azure environment contains multiple Azure virtual machines.

You need to ensure that a virtual machine named VM1 is accessible from the Internet over HTTP.

Solution: You modify an Azure firewall.

Does this meet the goal?

- A. Yes
- B. No

Correct Answer: A

Section: Describe general security and network security features

Explanation

Explanation/Reference:

Explanation:

Azure Firewall is a managed, cloud-based network security service that protects your Azure Virtual Network resources. It's a fully stateful firewall as a service with built-in high availability and unrestricted cloud scalability.

In this question, we need to add a rule to Azure Firewall to allow the connection to the virtual machine on port 80 (HTTP).

References:

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

QUESTION 124

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these

questions will not appear in the review screen.

Your Azure environment contains multiple Azure virtual machines.

You need to ensure that a virtual machine named VM1 is accessible from the Internet over HTTP.

Solution: You modify an Azure Traffic Manager profile.

Does this meet the goal?

- A. Yes
- B. No

Correct Answer: B

Section: Describe general security and network security features

Explanation

Explanation/Reference:

Explanation:

Azure Traffic Manager is a DNS-based load balancing solution. It is not used to ensure that a virtual machine named VM1 is accessible from the Internet over HTTP.

To ensure that a virtual machine named VM1 is accessible from the Internet over HTTP, you need to modify a network security group or Azure Firewall.

In this question, we need to add a rule to a network security group or Azure Firewall to allow the connection to the virtual machine on port 80 (HTTP).

References:

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

QUESTION 125

Your company plans to deploy several web servers and several database servers to Azure.

You need to recommend an Azure solution to limit the types of connections from the web servers to the database servers.

What should you include in the recommendation?

- A. network security groups (NSGs)
- B. Azure Service Bus
- C. a local network gateway
- D. a route filter

Correct Answer: A

Section: Describe general security and network security features

Explanation

Explanation/Reference:

Explanation:

A network security group works like a firewall. You can attach a network security group to a virtual network and/or individual subnets within the virtual network. You can also attach a network security group to a network interface assigned to a virtual machine. You can use multiple network security groups within a virtual network to restrict traffic between resources such as virtual machines and subnets.

You can filter network traffic to and from Azure resources in an Azure virtual network with a network security group. A network security group contains security rules that allow or deny inbound network traffic to, or outbound network traffic from, several types of Azure resources.

References:

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

QUESTION 126

HOTSPOT

To complete the sentence, select the appropriate option in the answer area.

Hot Area:

Answer Area

From

Azure Access Control IAM
Azure Event Hubs
Azure Activity Log
Azure Service Health

you can view which user turned off a specific virtual machine during the last 14 days.

Correct Answer:

Answer Area

From

Azure Access Control IAM
Azure Event Hubs
Azure Activity Log
Azure Service Health

you can view which user turned off a specific virtual machine during the last 14 days.

Section: Describe general security and network security features

Explanation

Explanation/Reference:

Explanation:

You would use the Azure Activity Log, not Access Control to view which user turned off a specific virtual machine during the last 14 days.

Activity logs are kept for 90 days. You can query for any range of dates, as long as the starting date isn't more than 90 days in the past.

In this question, we would create a filter to display shutdown operations on the virtual machine in the last 14 days.

Reference:

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

QUESTION 127

Which service provides network traffic filtering across multiple Azure subscriptions and virtual networks?

- A. Azure Firewall
- B. an application security group
- C. Azure DDoS protection
- D. a network security group (NSG)

Correct Answer: A

Section: Describe general security and network security features

Explanation

Explanation/Reference:

Explanation:

You can restrict traffic to multiple virtual networks in multiple subscriptions with a single Azure firewall.

Azure Firewall is a managed, cloud-based network security service that protects your Azure Virtual Network resources. It's a fully stateful firewall as a service with built-in high availability and unrestricted cloud scalability. You can centrally create, enforce, and log application and network connectivity policies across subscriptions and virtual networks. Azure Firewall uses a static public IP address for your virtual network resources allowing outside firewalls to identify traffic originating from your virtual network.

References:

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

QUESTION 128

Which Azure service should you use to store certificates?

- A. Azure Security Center
- B. an Azure Storage account
- C. Azure Key Vault
- D. Azure Information Protection

Correct Answer: C

Section: Describe general security and network security features

Explanation

Explanation/Reference:

Explanation:

Azure Key Vault is a secure store for storage various types of sensitive information including passwords and certificates.

Azure Key Vault can be used to Securely store and tightly control access to tokens, passwords, certificates, API keys, and other secrets.

Secrets and keys are safeguarded by Azure, using industry-standard algorithms, key lengths, and hardware security modules (HSMs). The HSMs used are Federal Information Processing Standards (FIPS) 140-2 Level 2 validated.

Access to a key vault requires proper authentication and authorization before a caller (user or application) can get access. Authentication establishes the identity of the caller, while authorization determines the operations that they are allowed to perform.

References:

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

QUESTION 129

HOTSPOT

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

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

Statements	Yes	No
Azure Firewall will encrypt all the network traffic sent from Azure to the Internet.	<input type="radio"/>	<input type="radio"/>
A network security group (NSG) will encrypt all the network traffic sent from Azure to the Internet.	<input type="radio"/>	<input type="radio"/>
Azure virtual machines that run Windows Server 2016 can encrypt network traffic sent to the Internet.	<input type="radio"/>	<input type="radio"/>

Correct Answer:

Answer Area

Statements	Yes	No
Azure Firewall will encrypt all the network traffic sent from Azure to the Internet.	<input type="radio"/>	<input checked="" type="radio"/>
A network security group (NSG) will encrypt all the network traffic sent from Azure to the Internet.	<input type="radio"/>	<input checked="" type="radio"/>
Azure virtual machines that run Windows Server 2016 can encrypt network traffic sent to the Internet.	<input type="radio"/>	<input checked="" type="radio"/>

Section: Describe general security and network security features

Explanation

Explanation/Reference:

Explanation:

Box 1: No

Azure firewall does not encrypt network traffic. It is used to block or allow traffic based on source/destination IP address, source/destination ports and protocol.

Box 2: No

A network security group does not encrypt network traffic. It works in a similar way to a firewall in that it is used to block or allow traffic based on source/destination IP address, source/destination ports and protocol.

Box 3: No

The question is rather vague as it would depend on the configuration of the host on the Internet. Windows Server does come with a VPN client and it also supports other encryption methods such as IPSec encryption or SSL/TLS so it could encrypt the traffic if the Internet host was configured to require or accept the encryption. However, the VM could not encrypt the traffic to an Internet host that is not configured to require the encryption.

Reference:

<https://docs.microsoft.com/en-us/azure/security/azure-security-data-encryption-best-practices#protect-data-in-transit>

QUESTION 130

HOTSPOT

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

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

Statements	Yes	No
Azure Security Center can monitor Azure resources and on-premises resources.	<input type="radio"/>	<input type="radio"/>
All Azure Security Center features are free.	<input type="radio"/>	<input type="radio"/>
From Azure Security Center, you can download a Regulatory Compliance report.	<input type="radio"/>	<input type="radio"/>

Correct Answer:

Answer Area

Statements	Yes	No
Azure Security Center can monitor Azure resources and on-premises resources.	<input checked="" type="radio"/>	<input type="radio"/>
All Azure Security Center features are free.	<input type="radio"/>	<input checked="" type="radio"/>
From Azure Security Center, you can download a Regulatory Compliance report.	<input checked="" type="radio"/>	<input type="radio"/>

Section: Describe general security and network security features

Explanation

Explanation/Reference:

Explanation:

Box 1: Yes

Azure Security Center is a unified infrastructure security management system that strengthens the security posture of your data centers, and provides advanced threat protection across your hybrid workloads in the cloud - whether they're in Azure or not - as well as on premises.

Box 2: No

Only two features: Continuous assessment and security recommendations, and Azure secure score, are free.

Box 3: Yes

The advanced monitoring capabilities in Security Center also let you track and manage compliance and governance over time. The overall compliance provides you with a measure of how much your subscriptions are compliant with policies associated with your workload.

References:

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

QUESTION 131

You need to configure an Azure solution that meets the following requirements:

- Secures websites from attacks
- Generates reports that contain details of attempted attacks

What should you include in the solution?

- A. Azure Firewall
- B. a network security group (NSG)
- C. Azure Information Protection
- D. DDoS protection

Correct Answer: D

Section: Describe general security and network security features

Explanation

Explanation/Reference:

Explanation:

DDoS is a type of attack that tries to exhaust application resources. The goal is to affect the application's availability and its ability to handle legitimate requests. DDoS attacks can be targeted at any endpoint that is publicly reachable through the internet.

Azure has two DDoS service offerings that provide protection from network attacks: DDoS Protection Basic and DDoS Protection Standard.

DDoS Basic protection is integrated into the Azure platform by default and at no extra cost.

You have the option of paying for DDoS Standard. It has several advantages over the basic service, including logging, alerting, and telemetry. DDoS Standard can generate reports that contain details of attempted attacks as required in this question.

References:

<https://docs.microsoft.com/en-us/azure/security/fundamentals/ddos-best-practices>

QUESTION 132

HOTSPOT

You plan to implement several security services for an Azure environment. You need to identify which Azure services must be used to meet the following security requirements:

- Monitor threats by using sensors
- Enforce Azure Multi-Factor Authentication (MFA) based on a condition

Which Azure service should you identify for each requirement? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

Monitor threats by using sensors:

Azure Monitor
Azure Security Center
Azure Active Directory (Azure AD) Identity Protection
Azure Advanced Threat Protection (ATP)

Enforce Azure MFA based on a condition:

Azure Monitor
Azure Security Center
Azure Active Directory (Azure AD) Identity Protection
Azure Advanced Threat Protection (ATP)

Correct Answer:

Answer Area

Monitor threats by using sensors:

Azure Monitor
Azure Security Center
Azure Active Directory (Azure AD) Identity Protection
Azure Advanced Threat Protection (ATP)

Enforce Azure MFA based on a condition:

Azure Monitor
Azure Security Center
Azure Active Directory (Azure AD) Identity Protection
Azure Advanced Threat Protection (ATP)

Section: Describe general security and network security features**Explanation****Explanation/Reference:**

Explanation:

Box 1:

To monitor threats by using sensors, you would use Azure Advanced Threat Protection (ATP). Azure Advanced Threat Protection (ATP) is a cloud-based security solution that leverages your on-premises Active Directory signals to identify, detect, and investigate advanced threats, compromised identities, and malicious insider actions directed at your organization. Sensors are software packages you install on your servers to upload information to Azure ATP.

Box 2:

To enforce MFA based on a condition, you would use Azure Active Directory Identity Protection. Azure AD Identity Protection helps you manage the roll-out of Azure Multi-Factor Authentication (MFA) registration by configuring a Conditional Access policy to require MFA registration no matter what modern authentication app you are signing in to.

References:

<https://docs.microsoft.com/en-us/azure-advanced-threat-protection/what-is-atp>

<https://docs.microsoft.com/en-us/azure/active-directory/identity-protection/howto-identity-protection-configure-mfa-policy>

QUESTION 133

Your Azure environment contains multiple Azure virtual machines.

You need to ensure that a virtual machine named VM1 is accessible from the Internet over HTTP.

What are two possible solutions? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

- A. Modify an Azure Traffic Manager profile
- B. Modify a network security group (NSG)
- C. Modify a DDoS protection plan
- D. Modify an Azure firewall

Correct Answer: B

Section: Describe general security and network security features**Explanation****Explanation/Reference:**

Explanation:

A network security group works like a firewall. You can attach a network security group to a virtual network and/or individual subnets within the virtual network. You can also attach a network security group to a network interface assigned to a virtual machine. You can use multiple network security groups within a virtual network to restrict traffic between resources such as virtual machines and subnets.

You can filter network traffic to and from Azure resources in an Azure virtual network with a network security group. A network security group contains security rules that allow or deny inbound network traffic to, or outbound network traffic from, several types of Azure resources.

In this question, we need to add a rule to the network security group to allow the connection to the virtual machine on port 80 (HTTP).

Reference:

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

QUESTION 134
HOTSPOT

To complete the sentence, select the appropriate option in the answer area.

Hot Area:

Answer Area

You can enable just in time (JIT) VM access by using

	▼
Azure Bastion	
Azure Firewall	
Azure Front Door	
Azure Security Center	

Correct Answer:

Answer Area

You can enable just in time (JIT) VM access by using

	▼
Azure Bastion	
Azure Firewall	
Azure Front Door	
Azure Security Center	

Section: Describe general security and network security features
Explanation

Explanation/Reference:

Explanation:

The just-in-time (JIT) virtual machine (VM) access feature in Azure Security Center allows you to lock down inbound traffic to your Azure Virtual Machines. This reduces exposure to attacks while providing easy access when you need to connect to a VM.

Reference:

<https://docs.microsoft.com/en-us/azure/security-center/security-center-just-in-time?tabs=jit-config-asc%2Cjit-request-asc>

QUESTION 135
HOTSPOT

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

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

Statements	Yes	No
You can associate a network security group (NSG) to a virtual network subnet.	<input type="radio"/>	<input type="radio"/>
You can associate a network security group (NSG) to a virtual network.	<input type="radio"/>	<input type="radio"/>
You can associate a network security group (NSG) to a network interface.	<input type="radio"/>	<input type="radio"/>

Correct Answer:

Answer Area

Statements	Yes	No
You can associate a network security group (NSG) to a virtual network subnet.	<input checked="" type="radio"/>	<input type="radio"/>
You can associate a network security group (NSG) to a virtual network.	<input type="radio"/>	<input checked="" type="radio"/>
You can associate a network security group (NSG) to a network interface.	<input checked="" type="radio"/>	<input type="radio"/>

Section: Describe general security and network security features

Explanation

Explanation/Reference:

Reference:

<https://docs.microsoft.com/en-us/azure/virtual-network/network-security-group-how-it-works>

QUESTION 136

HOTSPOT

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

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

Statements	Yes	No
An Azure resource can have multiple Delete locks.	<input type="radio"/>	<input type="radio"/>
An Azure resource inherits locks from its resource group.	<input type="radio"/>	<input type="radio"/>
If an Azure resource has a Read-only lock, you can add a Delete lock to the resource.	<input type="radio"/>	<input type="radio"/>

Correct Answer:

Answer Area

Statements	Yes	No
An Azure resource can have multiple Delete locks.	<input checked="" type="radio"/>	<input type="radio"/>
An Azure resource inherits locks from its resource group.	<input checked="" type="radio"/>	<input type="radio"/>
If an Azure resource has a Read-only lock, you can add a Delete lock to the resource.	<input checked="" type="radio"/>	<input type="radio"/>

Section: Describe identity, governance, privacy, and compliance features

Explanation

Explanation/Reference:

References:

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

QUESTION 137

Your company plans to migrate all on-premises data to Azure.

You need to identify whether Azure complies with the company's regional requirements.

What should you use?

- A. the Knowledge Center
- B. Azure Marketplace
- C. the Azure portal
- D. the Trust Center

Correct Answer: D

Section: Describe identity, governance, privacy, and compliance features

Explanation

Explanation/Reference:

Explanation:

Azure has more than 90 compliance certifications, including over 50 specific to global regions and countries, such as the US, the European Union, Germany, Japan, the United Kingdom, India and China.

You can view a list of compliance certifications in the Trust Center to determine whether Azure meets your regional requirements.

Reference:

<https://azure.microsoft.com/en-gb/overview/trusted-cloud/compliance/>

<https://docs.microsoft.com/en-us/microsoft-365/compliance/get-started-with-service-trust-portal>

QUESTION 138**HOTSPOT**

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

NOTE: Each correct selection is worth one point.

Hot Area:**Answer Area**

Statements	Yes	No
Authorization to access Azure resources can be provided only to Azure Active Directory (Azure AD) users.	<input type="radio"/>	<input type="radio"/>
Identities stored in Azure Active Directory (Azure AD), third-party cloud services, and on-premises Active Directory can be used to access Azure resources.	<input type="radio"/>	<input type="radio"/>
Azure has built-in authentication and authorization services that provide secure access to Azure resources.	<input type="radio"/>	<input type="radio"/>

Correct Answer:**Answer Area**

Statements	Yes	No
Authorization to access Azure resources can be provided only to Azure Active Directory (Azure AD) users.	<input type="radio"/>	<input checked="" type="radio"/>
Identities stored in Azure Active Directory (Azure AD), third-party cloud services, and on-premises Active Directory can be used to access Azure resources.	<input checked="" type="radio"/>	<input type="radio"/>
Azure has built-in authentication and authorization services that provide secure access to Azure resources.	<input checked="" type="radio"/>	<input type="radio"/>

Section: Describe identity, governance, privacy, and compliance features**Explanation****Explanation/Reference:**

Explanation:

Box 1: No

Authorization to access Azure resources can be provided by other identity providers by using federation. A commonly used example of this is to federate your on-premises Active Directory environment with Azure AD and use this federation for authentication and authorization.

Box 2: Yes

As described above, third-party cloud services and on-premises Active Directory can be used to access Azure resources. This is known as 'federation'.

Federation is a collection of domains that have established trust. The level of trust may vary, but typically includes authentication and almost always includes authorization. A typical federation might include a number of organizations that have established trust for shared access to a set of resources.

Box 3: Yes

Azure Active Directory (Azure AD) is a centralized identity provider in the cloud. This is the primary built-in authentication and authorization service to provide secure access to Azure resources.

References:

<https://docs.microsoft.com/en-us/azure/active-directory/hybrid/whatis-fed>

<https://docs.microsoft.com/en-us/azure/active-directory/develop/authentication-scenarios>

QUESTION 139

HOTSPOT

To complete the sentence, select the appropriate option in the answer area.

Hot Area:

Answer Area

If a resource group named RG1 has a delete lock,

can delete RG1.

- | |
|--|
| only a member of the global administrators group |
| the delete lock must be removed before an administrator |
| an Azure policy must be modified before an administrator |
| an Azure tag must be added before an administrator |

Correct Answer:

Answer Area

If a resource group named RG1 has a delete lock,

can delete RG1.

- | |
|--|
| only a member of the global administrators group |
| the delete lock must be removed before an administrator |
| an Azure policy must be modified before an administrator |
| an Azure tag must be added before an administrator |

Section: Describe identity, governance, privacy, and compliance features

Explanation

Explanation/Reference:

Explanation:

You can configure a lock on a resource group to prevent the accidental deletion of the resource group. The lock applies to everyone, including global administrators. If you want to delete the resource group, the lock must be removed first.

As an administrator, you may need to lock a subscription, resource group, or resource to prevent other users in your organization from accidentally deleting or modifying critical resources. You can set the lock level to **CanNotDelete** or **ReadOnly**. In the portal, the locks are called **Delete** and **Read-only** respectively.

- **CanNotDelete** means authorized users can still read and modify a resource, but they can't delete the resource.
- **ReadOnly** means authorized users can read a resource, but they can't delete or update the resource. Applying this lock is similar to restricting all authorized users to the permissions granted by the **Reader** role.

Reference:

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

QUESTION 140

This question requires that you evaluate the underlined text to determine if it is correct.

Azure Germany can be used by legal residents of Germany only.

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. only enterprises that are registered in Germany
- C. only enterprises that purchase their azure licenses from a partner based in Germany
- D. any user or enterprise that requires its data to reside in Germany

Correct Answer: D

Section: Describe identity, governance, privacy, and compliance features

Explanation

Explanation/Reference:

Explanation:

Azure Germany is available to eligible customers and partners globally who intend to do business in the EU/EFTA, including the United Kingdom.

Azure Germany offers a separate instance of Microsoft Azure services from within German datacenters. The datacenters are in two locations, Frankfurt/Main and Magdeburg. This placement ensures that customer data remains in Germany and that the datacenters connect to each other through a private network. All customer data is exclusively stored in those datacenters. A designated German company--the German data trustee--controls access to customer data and the systems and infrastructure that hold customer data.

References:

<https://docs.microsoft.com/en-us/azure/germany/germany-welcome?toc=%2fazure%2fgermany%2ftoc.json>

<https://docs.microsoft.com/en-us/azure/germany/germany-overview-data-trustee>

QUESTION 141

HOTSPOT

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

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

Statements	Yes	No
Identities stored in an on-premises Active Directory can be synchronized to Azure Active Directory (Azure AD).	<input type="radio"/>	<input type="radio"/>
Identities stored in Azure Active Directory (Azure AD), third-party cloud services, and on-premises Active Directory can be used to access Azure resources.	<input type="radio"/>	<input type="radio"/>
Azure has built-in authentication and authorization services that provide secure access to Azure resources.	<input type="radio"/>	<input type="radio"/>

Correct Answer:

Answer Area

Statements	Yes	No
Identities stored in an on-premises Active Directory can be synchronized to Azure Active Directory (Azure AD).	<input checked="" type="radio"/>	<input type="radio"/>
Identities stored in Azure Active Directory (Azure AD), third-party cloud services, and on-premises Active Directory can be used to access Azure resources.	<input checked="" type="radio"/>	<input type="radio"/>
Azure has built-in authentication and authorization services that provide secure access to Azure resources.	<input checked="" type="radio"/>	<input type="radio"/>

Section: Describe identity, governance, privacy, and compliance features

Explanation

Explanation/Reference:

Explanation:

Box 1: Yes

The tool you would use to sync the accounts is Azure AD Connect. The Azure Active Directory Connect synchronization services (Azure AD Connect sync) is a main component of Azure AD Connect. It takes care of all the operations that are related to synchronize identity data between your on-premises environment and Azure AD.

Box 2: Yes

As described above, third-party cloud services and on-premises Active Directory can be used to access Azure resources. This is known as 'federation'.

Federation is a collection of domains that have established trust. The level of trust may vary, but typically includes authentication and almost always includes authorization. A typical federation might include a number of organizations that have established trust for shared access to a set of resources.

Box 3: Yes

Azure Active Directory (Azure AD) is a centralized identity provider in the cloud. This is the primary built-in authentication and authorization service to provide secure access to Azure resources.

References:

<https://docs.microsoft.com/en-us/azure/active-directory/hybrid/how-to-connect-sync-what-is>

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

<https://docs.microsoft.com/en-us/azure/active-directory/develop/authentication-scenarios>

QUESTION 142

HOTSPOT

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

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

Statements	Yes	No
Azure Active Directory (Azure AD) requires the implementation of domain controllers on Azure virtual machines.	<input type="radio"/>	<input type="radio"/>
Azure Active Directory (Azure AD) provides authentication services for resources hosted in Azure and Microsoft 365.	<input type="radio"/>	<input type="radio"/>
Each user account in Azure Active Directory (Azure AD) can be assigned only one license.	<input type="radio"/>	<input type="radio"/>

Correct Answer:

Answer Area

Statements	Yes	No
Azure Active Directory (Azure AD) requires the implementation of domain controllers on Azure virtual machines.	<input type="radio"/>	<input checked="" type="radio"/>
Azure Active Directory (Azure AD) provides authentication services for resources hosted in Azure and Microsoft 365.	<input checked="" type="radio"/>	<input type="radio"/>
Each user account in Azure Active Directory (Azure AD) can be assigned only one license.	<input type="radio"/>	<input checked="" type="radio"/>

Section: Describe identity, governance, privacy, and compliance features

Explanation

Explanation/Reference:

Explanation:

Box 1: No

Azure Active Directory (Azure AD) is a cloud-based service. It does not require domain controllers on virtual machines.

Box 2: Yes

Azure Active Directory (Azure AD) is a centralized identity provider in the cloud. This is the primary built-in authentication and authorization service to provide secure access to Azure resources and Microsoft 365.

Box 3: No

User accounts in Azure Active Directory can be assigned multiple licenses for different Azure or Microsoft 365 services.

QUESTION 143

Which two types of customers are eligible to use Azure Government to develop a cloud solution? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

- 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

Correct Answer: CD

Section: Describe identity, governance, privacy, and compliance features

Explanation

Explanation/Reference:

Explanation:

Azure Government is a cloud environment specifically built to meet compliance and security requirements for

US government. This mission-critical cloud delivers breakthrough innovation to U.S. government customers and their partners. Azure Government applies to government at any level – from state and local governments to federal agencies including Department of Defense agencies.

The key difference between Microsoft Azure and Microsoft Azure Government is that Azure Government is a sovereign cloud. It's a physically separated instance of Azure, dedicated to U.S. government workloads only. It's built exclusively for government agencies and their solution providers.

References:

<https://docs.microsoft.com/en-us/learn/modules/intro-to-azure-government/2-what-is-azure-government>

QUESTION 144

HOTSPOT

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

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

Statements	Yes	No
To implement an Azure Multi-Factor Authentication (MFA) solution, you must sync on-premises identities to the cloud.	<input type="radio"/>	<input type="radio"/>
Two valid methods for Azure Multi-Factor Authentication (MFA) are picture identification and a passport number.	<input type="radio"/>	<input type="radio"/>
Azure Multi-Factor Authentication (MFA) can be required for administrative and non-administrative user accounts.	<input type="radio"/>	<input type="radio"/>

Correct Answer:

Answer Area

Statements	Yes	No
To implement an Azure Multi-Factor Authentication (MFA) solution, you must sync on-premises identities to the cloud.	<input type="radio"/>	<input checked="" type="radio"/>
Two valid methods for Azure Multi-Factor Authentication (MFA) are picture identification and a passport number.	<input type="radio"/>	<input checked="" type="radio"/>
Azure Multi-Factor Authentication (MFA) can be required for administrative and non-administrative user accounts.	<input checked="" type="radio"/>	<input type="radio"/>

Section: Describe identity, governance, privacy, and compliance features
Explanation

Explanation/Reference:

Explanation:

Box 1: No

It is not true that you must deploy a federation solution or sync on-premises identities to the cloud. You can have a cloud-only environment and use MFA.

Box 2: No

Picture identification and passport numbers are not valid MFA authentication methods. Valid methods include: Password, Microsoft Authenticator App, SMS and Voice call.

Box 3:

You can configure MFA to be required for administrator accounts only or you can configure MFA for any user account.

Reference:

<https://docs.microsoft.com/en-us/azure/active-directory/authentication/howto-mfa-getstarted>

<https://docs.microsoft.com/en-us/azure/active-directory/authentication/concept-authentication-methods>

QUESTION 145

You need to ensure that when Azure Active Directory (Azure AD) users connect to Azure AD from the Internet by using an anonymous IP address, the users are prompted automatically to change their password.

Which Azure service should you use?

- A. Azure AD Connect Health
- B. Azure AD Privileged Identity Management
- C. Azure Advanced Threat Protection (ATP)
- D. Azure AD Identity Protection

Correct Answer: D

Section: Describe identity, governance, privacy, and compliance features

Explanation

Explanation/Reference:

Explanation:

Azure AD Identity Protection includes two risk policies: sign-in risk policy and user risk policy. A sign-in risk represents the probability that a given authentication request isn't authorized by the identity owner.

There are several types of risk detection. One of them is Anonymous IP Address. This risk detection type indicates sign-ins from an anonymous IP address (for example, Tor browser or anonymous VPN). These IP addresses are typically used by actors who want to hide their login telemetry (IP address, location, device, etc.) for potentially malicious intent.

You can configure the sign-in risk policy to require that users change their password.

References:

<https://docs.microsoft.com/en-us/azure/active-directory/identity-protection/howto-sign-in-risk-policy>

<https://docs.microsoft.com/en-us/azure/active-directory/identity-protection/concept-identity-protection-risks>

QUESTION 146

DRAG DROP

Match the term to the correct definition.

Instructions: To answer, drag the appropriate term from the column on the left to its description on the right. Each term may be used once, more than once, or not at all.

NOTE: Each correct match is worth one point.

Select and Place:**Answer Options**

Azure Government
GDPR
ISO
NIST

Answer Area

	An organization that defines international standards across all industries.
	An organization that defines standards used by the United States government.
	A European policy that regulates data privacy and data protection.
	A dedicated public cloud for federal and state agencies in the United States.

Correct Answer:**Answer Options**

Azure Government
GDPR
ISO
NIST

Answer Area

ISO	An organization that defines international standards across all industries.
NIST	An organization that defines standards used by the United States government.
GDPR	A European policy that regulates data privacy and data protection.
Azure Government	A dedicated public cloud for federal and state agencies in the United States.

Section: Describe identity, governance, privacy, and compliance features**Explanation****Explanation/Reference:**

Explanation:

Box 1: ISO

ISO is the International Organization for Standardization. Companies can be certified to ISO standards, for example ISO 9001 or 27001 are commonly used in IT companies.

Box 2: NIST

The National Institute of Standards and Technology (NIST) is a physical sciences laboratory, and a non-regulatory agency of the United States Department of Commerce.

Box 3: GDPR

GDPR is the General Data Protection Regulations. This standard was adopted across Europe in May 2018 and replaces the now deprecated Data Protection Directive.

The General Data Protection Regulation (EU) (GDPR) is a regulation in EU law on data protection and privacy in the European Union (EU) and the European Economic Area (EEA). It also addresses the transfer of personal data outside the EU and EEA areas. The GDPR aims primarily to give control to individuals over their personal data and to simplify the regulatory environment for international business by unifying the regulation within the EU.

Box 4: Azure Government

US government agencies or their partners interested in cloud services that meet government security and compliance requirements, can be confident that Microsoft Azure Government provides world-class security, protection, and compliance services. Azure Government delivers a dedicated cloud enabling government