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NEW



440

Exam like Questions!

2023

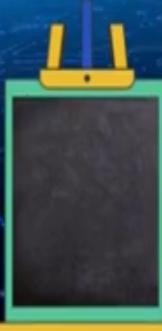
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Q441: Your company has an Azure subscription that contains resources in several regions. You need to ensure that administrators can only create resources in those regions. What should you use?

- a) a read-only lock
- b) an Azure policy
- c) a management group
- d) a reservation

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Azure Policy helps to enforce organizational standards and to assess compliance at-scale. Through its compliance dashboard, it provides an aggregated view to evaluate the overall state of the environment, with the ability to drill down to the per-resource, per-policy granularity. It also helps to bring your resources to compliance through bulk remediation for existing resources and automatic remediation for new resources.

 Note

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Learn how to configure Azure Policy to implement compliance requirements.

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In this tutorial, you use policies to enforce standards, control costs,

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ⓘ Note

For more information on remediation, see [Remediate non-compliant resources with Azure Policy](#).

Module

Configure Azure Policy - Training

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Tutorial: Build policies to enforce compliance - Azure Policy

In this tutorial, you use policies to enforce standards, control costs, maintain security, and impose...

Quickstart: New policy

Q442: Azure AD requires the implementation of domain controllers on azure virtual machines.

Yes

No

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

Q443: You can enable just in time (JIT) VM access by using _____

- a) Azure JIT
- b) Azure Firewall
- c) Azure Front Door
- d) Azure Security Center

00:03:05 | Understanding just-in-time virtual machine access in Microsoft Defender for Cloud

https://learn.microsoft.com/en-us/azure/defender-for-cloud/just-in-time-access-overview?tabs=defender-for-container-arch-aks

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Understanding just-in-time (JIT) VM access

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In this article

- The risk of open management ports on a virtual machine
- Why JIT VM access is the solution
- How JIT operates with network resources in Azure and AWS
- How Defender for Cloud identifies which VMs should have JIT applied

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This page explains the principles behind Microsoft Defender for

Q443: You can enable just in time (JIT) VM access by using _____

- a) Azure JIT
- b) Azure Firewall
- c) Azure Front Door
- d) Azure Security Center

The just-in-time (JIT) virtual machine (VM) access feature in Azure Security Center and it 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.



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Statement: 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?

Q444: Monitor threats by using sensors: _____

- a) Azure Monitor
- b) Azure Security Center
- c) Azure Active Directory (Azure AD) Identity Protection
- d) Azure Advanced Threat Protection (ATP)

Q445: Enforce Azure MFA based on a condition:

- a) Azure Monitor
- b) Azure Security Center
- c) Azure Active Directory (Azure AD) Identity Protection
- d) Azure Advanced Threat Protection (ATP)

Q446: 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

Q446: You need to configure an Azure solution that meets the following requirements:

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- c) Azure Information Protection
- d) DDoS protection

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 offerings: [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.



Q447: Azure Security Center can monitor Azure resources and on-premises resources.

Yes

No

Q447: Azure Security Center can monitor Azure resources and on-premises resources.

Yes

No

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.

Q448: All Azure Security Center features are free.

Yes

No

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

Q449: From Azure Security Center, you can download a Regulatory Compliance report.

Yes

No

Microsoft Defender for Cloud

Q450: Azure Firewall will encrypt all the network traffic sent from Azure to the Internet.

Yes

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.

Q451: A network security group (NSG) will encrypt all the network traffic sent from Azure to the Internet.

Yes

No

Q451: A network security group (NSG) will encrypt all the network traffic sent from Azure to the Internet.

Yes

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.

Q452: Azure virtual machines that run Windows Server 2016 can encrypt network traffic sent to the Internet.

Yes

No



Activity

Does Azure Firewall encrypt all the network traffic sent from Azure to the Internet ?



Sweety Kothari

31

Dec 25, 2022, 5:28 PM

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According to <https://azure.microsoft.com/en-us/products/azure-firewall/> it says ,

Azure Firewall decrypts outbound traffic, performs required security checks, and then encrypts the traffic to the destination. If it encrypt what kind of an algorithm is used internally ?

2 additional answers

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msrini-MSFT

6,231 • Microsoft Employee

Dec 26, 2022, 7:14 AM

A2A,

No Azure Firewall doesn't encrypt or decrypt traffic inbound or outbound. If you are sending a traffic with HTTPS, how will Firewall know what is the destination as the hostname headers are encrypted. So it just decaps the packet to find the Host header and then check that against the network and application rule and allow/deny the request.

Regards,

Karthik Srinivas

Please sign in to rate this answer.

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Q452: Azure virtual machines that run Windows Server 2016 can encrypt network traffic sent to the Internet.

Yes

No

Q452: Azure virtual machines that run Windows Server 2016 can encrypt network traffic sent to the Internet.

Yes

No

The VM could not encrypt the traffic to an Internet host that is not configured to require the encryption.

Windows Server does come with a VPN client and it also supports other encryption methods such IPSec encryption or SSL/TLS so it could encrypt the traffic if the Internet host was configured to require or accept the encryption.

Q453: Azure VPN gateways will encrypt all the network traffic sent from Azure to the Internet.

Yes

No

Azure VPN encryption

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Key management in Azure

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Security baseline for

Customer Lockbox

Trusted Hardware Identity

Management

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You can connect to Azure through a virtual private network that creates a secure tunnel to protect the privacy of the data being sent across the network.

Azure VPN gateways

You can use an [Azure VPN gateway](#) to send encrypted traffic between your virtual network and your on-premises location across a public connection, or to send traffic between virtual networks. 

Site-to-site VPNs use [IPsec](#) for transport encryption. Azure VPN gateways use a set of default proposals. You can configure Azure VPN gateways to use a custom IPsec/IKE policy with specific cryptographic algorithms and key strengths, rather than the Azure default policy sets.

Point-to-site VPNs

Point-to-site VPNs allow individual client computers access to an Azure virtual network. [The Secure Socket Tunneling Protocol \(SSTP\)](#) is used to

Q454: Your company plans to purchase an Azure subscription. The company's support policy states that the Azure environment must provide an option to access support engineers by phone or email. You need to recommend which support plan meets the support policy requirement.

Solution: Recommend a Professional Direct support plan.

Yes No

Q455: Your Azure trial account expired last week. You are now unable to _____.

- a) create additional Azure Active Directory (Azure AD) user accounts.
- b) start an existing Azure virtual machine.**
- c) access your data stored in Azure.
- d) access the Azure portal.

Q455: Your Azure trial account expired last week. You are now unable to _____.

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- c) access your data stored in Azure.
- d) access the Azure portal.

A stopped (deallocated) VM is offline and not mounted on an Azure host server. Starting a VM mounts the VM on a host server before the VM starts. As soon as the VM is mounted, it becomes chargeable. For this reason, you are unable to start a VM after a trial has expired.



Q456: Most Azure services are included in private preview before being introduced in public preview, and then in general availability.

Yes No

Q456: Most Azure services are included in private preview before being introduced in public preview, and then in general availability.

Yes No

Most services go to private preview then public preview before being released to general availability. The private preview is only available to certain Azure customers for evaluation purposes. The public preview is available to all Azure customers.



Q457: Azure services in public preview can be managed only by using the Azure CLI.

Yes

No

Azure services in public preview can be managed using the regular management tools: Azure Portal, Azure CLI and PowerShell.

Q458: The cost of an Azure service in private preview decreases when the service becomes generally available.

Yes

No



Q459: Management groups enables you to organize multiple subscriptions in hierarchies for unified policies and compliance?

Yes No

Q459: Management groups enables you to organize multiple subscriptions in hierarchies for unified policies and compliance?

Yes

No

Management groups help you manage access, policy, and compliance for multiple subscriptions. All subscriptions in a management group automatically inherit the conditions applied to the management group.

Q460: What is guaranteed in an Azure Service Level Agreement (SLA) for virtual machines?

- a) feature availability
- b) bandwidth
- c) uptime
- d) performance



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Q460: What is guaranteed in an Azure Service Level Agreement (SLA) for virtual machines?

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Q460: What is guaranteed in an Azure Service Level Agreement (SLA) for virtual machines?

- a) feature availability
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