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# Microsoft Azure Security & Cost Microsoft Defender

Data Egress and Ingress



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Microsoft Defender for cloud can monitor Azure resources and on-premises resources.

Yes

No

**Q701:** Microsoft Defender for cloud can monitor Azure resources and on-premises resources.

Yes

No

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Don't miss to watch earlier 700 questions to ensure high score in AZ-900.

Links to all the previous parts are in description box.



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**Q702:** All features of Microsoft Defender for cloud are free.

Yes

No



Don't miss to watch earlier 700 questions to ensure high score in AZ-900.

Links to all the previous parts are in description box.



For Microsoft Defender for cloud, you can download a Regulatory Compliance report.

Yes

No

**Q703:** For Microsoft Defender for cloud, you can download a Regulatory Compliance report.

Yes

No



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# Microsoft Defender

Get ahead of threat actors with integrated security solutions.



Get industry-leading endpoint protection—for 50% less

For a limited time, save 50 percent on comprehensive endpoint security for devices across platforms and clouds. Terms apply.

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less

For a limited time, save 50 percent on comprehensive endpoint security for devices across platforms and clouds. Terms apply.

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## Defend against malicious cyberthreats

The Microsoft Defender family offers comprehensive threat prevention, detection, and response capabilities for everyone—from individuals looking to protect their family to the world's largest enterprises.



### For enterprise

Prevent, detect, and respond to attacks across devices, identities, apps, email, data, workloads, and clouds.



### For **business**

Get enterprise-grade endpoint protection that's cost-effective and easy to use—and designed especially for small-to-medium businesses.



### For **individuals**

Seamlessly protect your personal data, computers, and phones against malicious threats with a simplified app for you and your family.



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## Explore Microsoft Defender products for enterprises

### Microsoft 365 Defender

Get unrivaled threat intelligence and automated attack disruption of the most sophisticated attacks with a unified extended detection and response (XDR) solution.

[Learn more >](#)

### Microsoft Defender for Cloud

Find weak spots across your cloud configuration, strengthen the overall security posture of your environment, and protect workloads across multicloud and hybrid environments from evolving threats with XDR capabilities.

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## Microsoft 365 Defender

Get unrivaled threat intelligence and automated attack disruption of the most sophisticated attacks with a unified extended detection and response (XDR) solution.

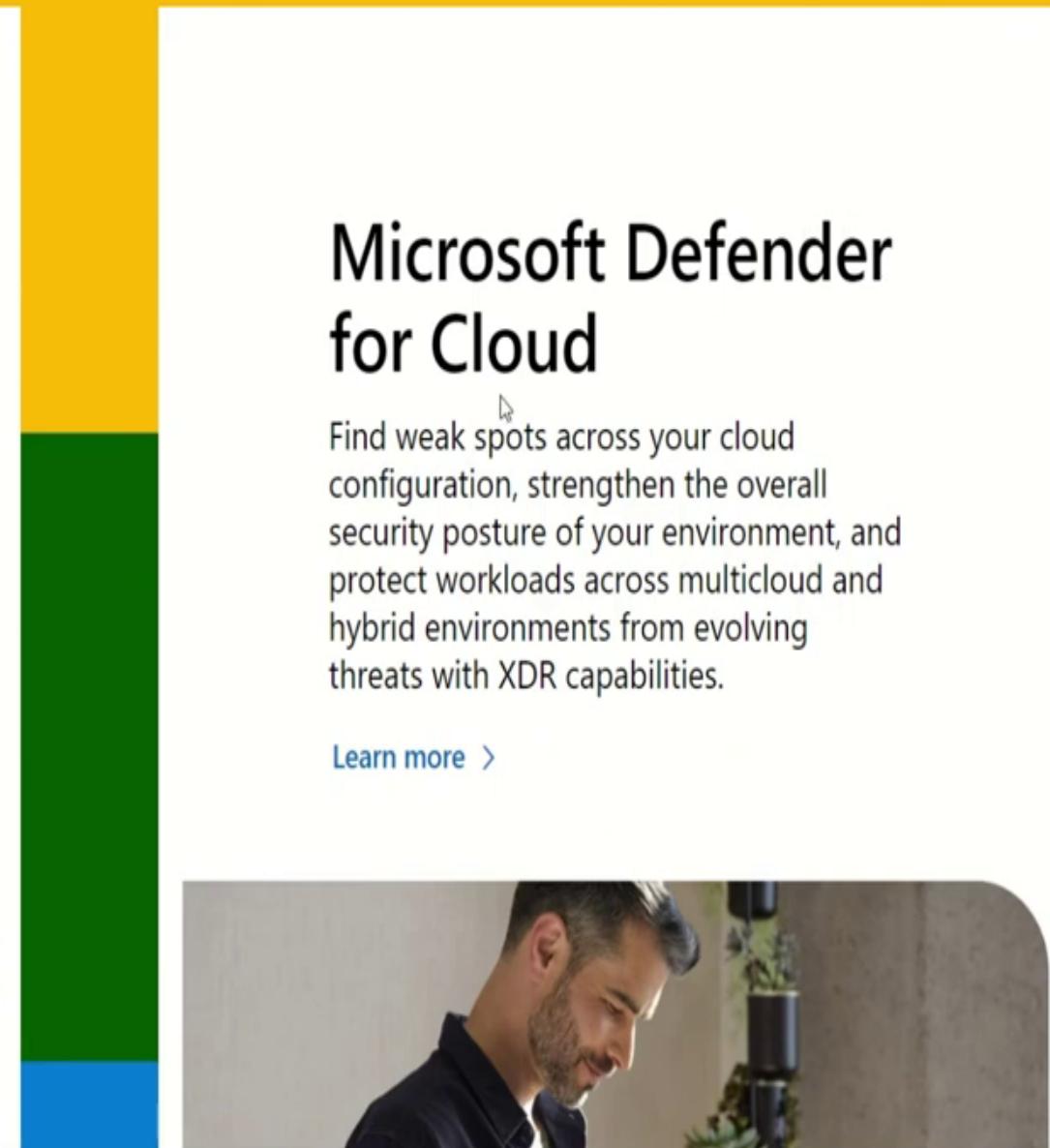
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## Microsoft Defender for Cloud

Find weak spots across your cloud configuration, strengthen the overall security posture of your environment, and protect workloads across multicloud and hybrid environments from evolving threats with XDR capabilities.

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## Microsoft Defender for Business

Increase security with enterprise-grade endpoint protection for small and medium-sized businesses that's cost effective and easy to use.

[Learn more >](#)

## Microsoft Defender for individuals

Get online security protection for individuals and families with one easy-to-use app.<sup>1</sup>

[Learn more >](#)



Microsoft Defender - Cybersecu x + 00:02:23 https://www.microsoft.com/en-us/security/business/microsoft-defender

Google search icons

Overview Products Blogs and events

A screenshot of a Microsoft web page showing two images side-by-side. The left image shows a woman with curly hair, wearing a green blazer, sitting at a desk and working on a laptop. The right image shows a man in a dark shirt standing and looking down at a tablet device he is holding. The background of the page features a large blue banner with white text and a sidebar with three blue buttons.

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[Learn more >](#)



# Microsoft Defender for Cloud

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## Microsoft Defender for Cloud

Strengthen security posture, protect workloads against modern threats, and help develop secure applications.



Integrated threat protection with SIEM and XDR

**Q704:** Adding resource groups in an Azure subscription generates additional costs.

Yes

No

Resource groups are logical containers for Azure resources. You do not pay for resource groups.

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**Q705:** Storing 1 TB of data in Azure Blob storage will always cost the same, regardless of the Azure region in which the data is located.

Yes

No

**Q705:** Storing 1 TB of data in Azure Blob storage will always cost the same, regardless of the Azure region in which the data is located.

Yes

No

The price of Azure storage varies by region. If you use the Azure storage pricing page, you can select different regions and see how the price changes per region.

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**Q706:** When you use a general-purpose v2 Azure Storage account, you are only charged for the amount of data that is stored. All read and write operations are free.

Yes

No

**Q706:** When you use a general-purpose v2 Azure Storage account, you are only charged for the amount of data that is stored. All read and write operations are free.

Yes

No

You are charged for read and write operations in general-purpose v2 storage accounts. •

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Q707: Copying 10 GB of data to Azure from an on-premises network over a VPN generates additional Azure data transfer costs.

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Yes

No

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**Q707:** Copying 10 GB of data to Azure from an on-premises network over a VPN generates additional Azure data transfer costs.

Yes

No

**Data Egress refers to any traffic that exits an entity, or a network boundary. This may also be referred to as outbound traffic.**



**Data Ingress refers to traffic that enters the boundary of a network. This may also be referred to as inbound traffic.**



**Q707:** Copying 10 GB of data to Azure from an on-premises network over a VPN generates additional Azure data transfer costs.

Yes

No

**Q707:** Copying 10 GB of data to Azure from an on-premises network over a VPN generates additional Azure data transfer costs.

Yes

No

Data ingress over a VPN is data 'coming in' to Azure over the VPN. You are not charged data transfer costs for data ingress.

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**Q708:** Copying 10 GB of data from Azure to an on-premises network over a VPN generates additional Azure data transfer costs.

Yes

No

**Q709:** Transferring data between Azure Storage accounts in different Azure regions is free.

Yes

No

You would be charged for the read operations of the source storage account and write operations in the destination storage account.

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**Q710:** In Azure Active Directory Premium P2, at least 99.9 percent availability is guaranteed.

Yes

No

**Q711:** The Service Level Agreement (SLA) for Azure Active Directory Premium P2 is the same as the SLA for Azure Active Directory Free.

Yes

No 

**Q712:** All paying Azure customers receive a credit if their monthly uptime percentage is below the guaranteed amount in the Service Level Agreement (SLA).

Yes

No

**Q712:** All paying Azure customers receive a credit if their monthly uptime percentage is below the guaranteed amount in the Service Level Agreement (SLA).

Yes

No

You can claim credit if the availability falls below the SLA. The amount of credit depends on the availability. For example: You can claim 25% credit if the availability is less than 99.9%, 50% credit for less than 99% and 100% for less than 95% availability.

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**Q713:** To answer, drag the appropriate benefit from the column on the left to its description on the right. Each benefit may be used once, more than once, or not at all.

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Azure Service	Answer Area	
Azure Monitor	A managed relational cloud database service.	Azure SQL Database
Marketplace	Monitor the health of Azure service	Azure Monitor
Azure Advisor	Browse available VM images	Marketplace
Azure SQL Database	View security recommendations	Azure Advisor

We have covered lot of questions on all these Azure services.  
Refer the previous parts to secure full marks on these services.



**Q714:** You have completed the migration of your organization's core servers and processes to cloud-based virtual machines.

Your final project involves migrating a weekly batch-processing task that relies on operating system drivers to print PDF reports. You need to meet this requirement while minimizing costs.

What should you do?

- a) Run the batch processing task using spot instances.
- b) Execute the batch task on a dedicated virtual machine as needed.
- c) Configure virtual machine clusters to scale for batch processing.
- d) Migrate the batch processing to serverless compute.



**Q715:** Your company deploys resources in Azure. According to the shared responsibility model, which task will you be required to perform?

- a) Configure connectivity between regions.
- b) Manage access to data center resources.
- c) Upgrade RAM on virtualization systems.
- d) Install critical updates on virtual machines.

**Q716:** ExpressRoute is at which OSI layer?

- a) 2
- b) 3
- c) 5
- d) 7

ExpressRoute is at which OSI layer?

- a) 2
- b) 3
- c) 5
- d) 7

**Q716:** ExpressRoute is at which OSI layer?

- a) 2
- b) 3
- c) 5
- d) 7

Filter by title

Hybrid web access

Extend on-premises  
using ExpressRoute

Hybrid availability and  
monitoring

Hybrid file services

Hybrid file share with  
disaster recovery

Hybrid security  
monitoring

Manage hybrid  
workloads with WAC

On-premises data  
gateway for Logic Apps

Out-of-stock detection  
at the edge

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applies to private peering. For Azure and Microsoft 365 services, the Internet is the only failover path.

## Security

Security provides assurances against deliberate attacks and the abuse of your valuable data and systems. For more information, see [Overview of the security pillar](#).

You can configure security options for your Azure connection in different ways, depending on your security concerns and compliance needs.

ExpressRoute operates in layer 3. Threats in the application layer can be prevented by using a network security appliance that restricts traffic to legitimate resources.

To maximize security, add network security appliances between the on-premises network and the provider edge routers. This will help to restrict the inflow of unauthorized traffic from the VNet:



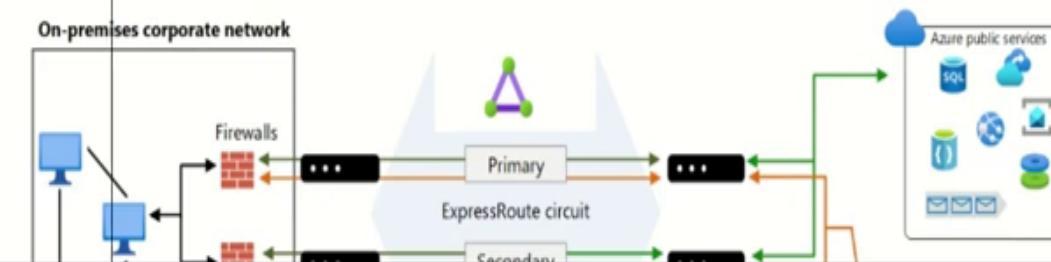
# Security

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**Statement:** You work for a small company that hosts its own web server running Microsoft Internet Information Services (IIS) and email server running Microsoft Exchange.

- As demand on the web server increases, you want to add a secondary web server to spread out the traffic.
- As demand decreases, you want to decommission the web server to save energy and maintenance. You consider moving the current infrastructure to the cloud.

You need to determine the benefits of moving the infrastructure to the cloud.

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

**Q717:** You can use horizontal scaling for the web server.

Yes

No

**Statement:** You work for a small company that hosts its own web server running Microsoft Internet Information Services (IIS) and email server running Microsoft Exchange.

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

**Q717:** You can use horizontal scaling for the web server.

You can use horizontal scaling for the web server. With auto-scale, you can configure rules that monitor metrics such as requests, memory usage, and central processing unit (CPU) percentage to determine when Azure should automatically add and remove virtual machine (VM) instances.

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

**Q718:** You can resize the disk on demand on mail server if e-mail messages increase.

You can resize the disk on demand on mail server if e-mail messages increase. Azure is elastic. It allows you to add more resources on demand, as needed.



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

**Q719:** You eliminate the cost of having IT staff.

You do not eliminate the cost of having IT staff by moving the infrastructure to the cloud. However, you can reduce IT costs associated with having expert IT staff. You still need IT staff to handle Infrastructure-as-a-Service (IaaS) tasks

