

00:00:00



The Tech
Blackboard



The Tech
Blackboard

Learn  Azure with
The Tech BlackBoard



600 Questions

Links in description box below.

Learn Azure with The Tech BlackBoard



600 Questions

Links in description box below.



The Tech
Blackboard



SUBSCRIBED



- All
- Personalized
- None



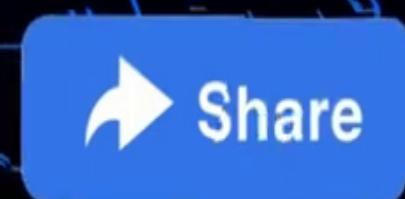
Get Certified
Build Cloud Career



The Tech BlackBoard



SUBSCRIBE



@askthetechblackboard



@thetechblackboard



@Dtechbla

ge Tech
lackboard

Q601: Support from MSDN forums is only provided to companies that have a pay-as-you-go subscription.

Yes No .

Q601: Support from MSDN forums is only provided to companies that have a pay-as-you-go subscription.

Yes No

Users with any type of Azure subscription (pay-as-you-go, Enterprise Agreement, Microsoft Customer Agreement etc.) can get support from the MSDN forums.

Blackboard

Q602: 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.

Azure Service

Answer Area

Azure HDInsight

A managed relational cloud database service.

Azure SQL
Database

Azure Data Lake
Analytics

A cloud-based service that leverages massively parallel processing (MPP) to quickly run complex queries across petabytes of data in a relational database.

Azure SQL
Synapse Analytics

Azure SQL
Synapse Analytics

Can run massively parallel data transformation and processing programs across petabytes of data.

Azure Data Lake
Analytics

Azure SQL
Database

An open-source framework for the distributed processing and analysis of big data sets in clusters.

Azure HDInsight



Q603: You need to identify which blades in the Azure portal must be used to perform the following tasks:

Monitor the health of Azure services:

- a) Azure Monitor
- b) Azure Subscriptions
- c) Marketplace
- d) Azure Advisor

View security recommendations:

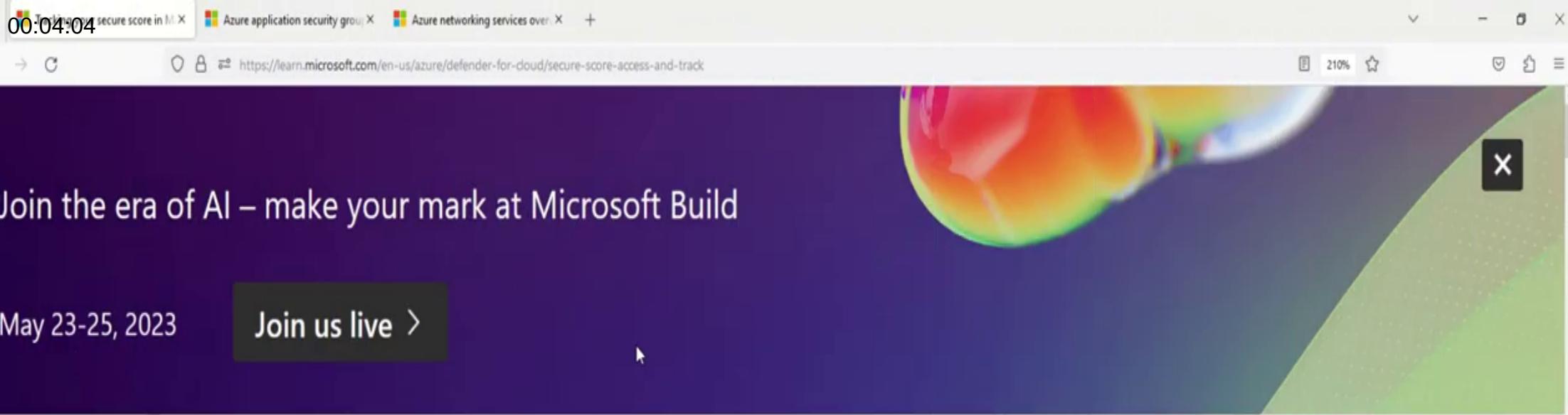
- a) Azure Monitor
- b) Azure Subscriptions
- c) Marketplace
- d) Azure Advisor

Browse available virtual machine images.

- a) Azure Monitor
- b) Azure Subscriptions
- c) Marketplace
- d) Azure Advisor

Q604: Which Azure service should you use to check your secure score?

- a) Microsoft defender
- b) Azure Arc
- c) DDoS Protection
- d) Azure Firewall



Filter by title

Learn / Azure / Security / Microsoft Defender for Cloud /

[+](#) [Edit](#) [⋮](#)

Microsoft Defender for Cloud documentation

Overview

What is Microsoft Defender for Cloud?

Access and track your secure score

Article • 01/09/2023 • 4 contributors

Feedback



Filter by title

[Learn](#) / [Azure](#) / [Security](#) / [Microsoft Defender for Cloud](#) /[+](#) [Edit](#) [⋮](#)

Microsoft Defender for Cloud
documentation

Overview

What is Microsoft Defender for
Cloud?

What's new?

Important upcoming changes

› Common questions

› Quickstarts

› Tutorials

› Samples

› Concepts

Access and track your secure score

Article • 01/09/2023 • 4 contributors

[Feedback](#)

In this article

[Get your secure score from the portal](#)

[Get your secure score from the REST API](#)

[Get your secure score from Azure Resource Graph](#)

[Tracking your secure score over time](#)

[Next steps](#)



Calculations - understanding your score.

Filter by title

Microsoft Defender for Cloud documentation

› Overview

What is Microsoft Defender for Cloud?

What's new?

Important upcoming changes

› Common questions

› Quickstarts

› Tutorials

› Samples

› Concepts

Download PDF

Get your secure score from the portal

Defender for Cloud displays your score prominently in the portal. When you select the Secure score tile on the overview page, you're taken to the dedicated secure score page, where **you'll see the score broken down by subscription**.

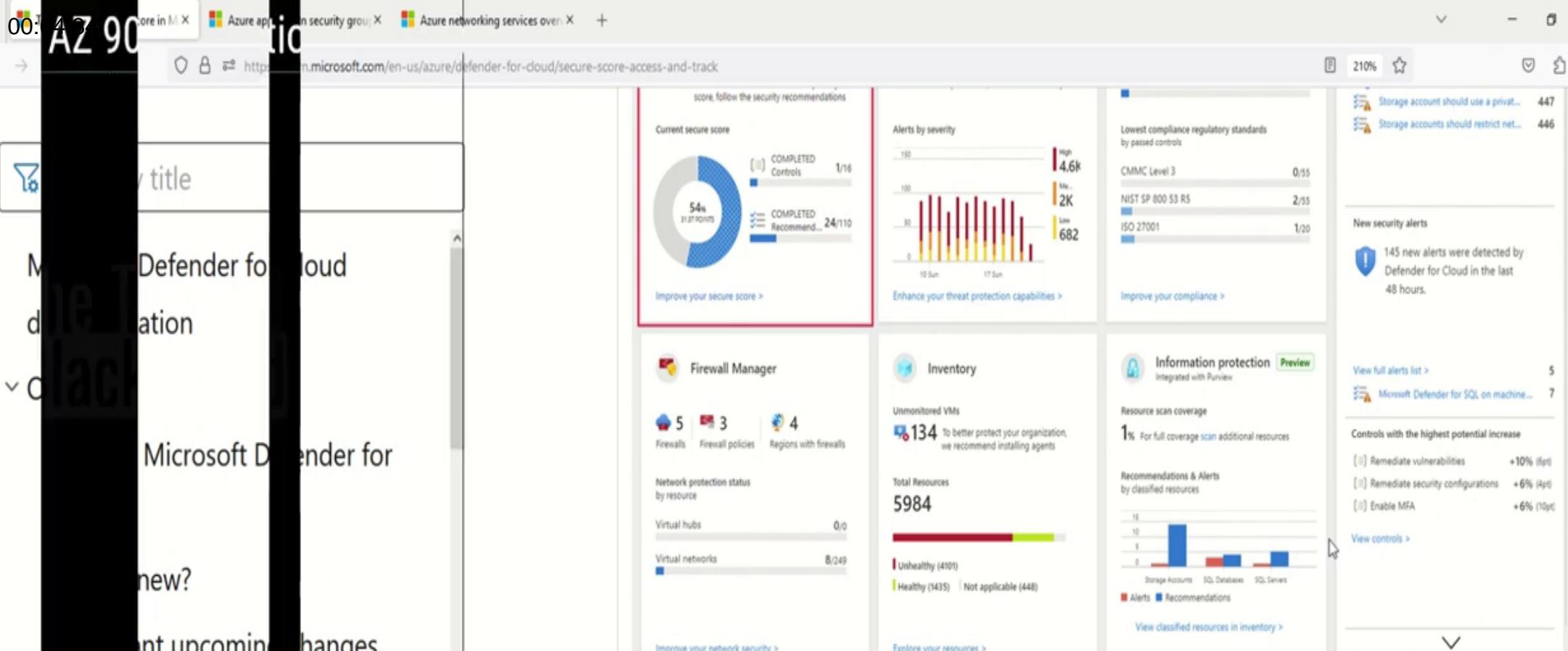
Select a single subscription to see the detailed list of prioritized recommendations and the potential effect that remediating them will have on the subscription's score.

Your secure score is shown in the following locations in Defender for Cloud's portal pages.

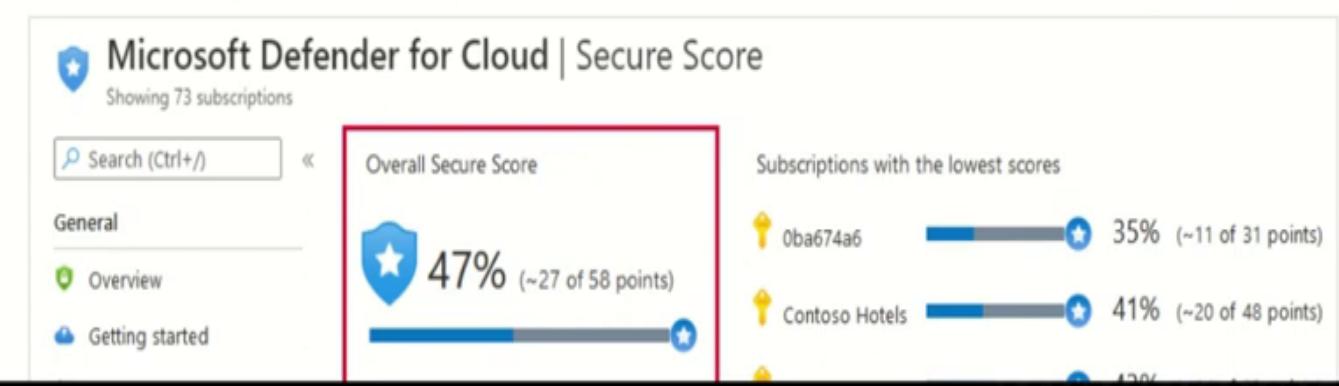
- In a tile on Defender for Cloud's **Overview** (main dashboard):

The screenshot shows the Microsoft Defender for Cloud Overview page with the following data:

Azure subscriptions	AWS accounts	GCP projects	Assessed resources	Active recommendations	Security alerts
73	4	4	5984	209	7336



- In the dedicated **Secure score** page you can see the secure score for your subscription and your management groups:



Q605: You can manage an on-premises Windows server as an Azure resource by using:

- a) Azure AD connect
- b) Azure pipelines agent
- c) Azure VPN Gateway
- d) Azure Arc

Q605: You can manage an on-premises Windows server as an Azure resource by using:

- a) Azure AB connect
- b) Azure pipelines agent
- c) Azure VPN Gateway
- d) Azure Arc

Q605: You can manage an on-premises Windows server as an Azure resource by using:

- a) Azure AD connect
- b) Azure pipelines agent
- c) Azure VPN Gateway
- d) Azure Arc

Azure Arc is a service that allows you to manage on-premises servers and other resources as part of your Azure hybrid environment. With Azure Arc, you can use the same tools, APIs, and portals that you use to manage Azure resources to manage your on-premises resources as well.

Q606: Which of the following service is a cloud-based network security service that helps to protect the resources that are stored in an Azure Virtual Network?

- a) Azure Sentinel
- b) Azure Key Vault
- c) Azure Dedicated Hosts
- d) Azure Firewall

Q606: Which of the following service is a cloud-based network security service that helps to protect the resources that are stored in an Azure Virtual Network?

- a) Azure Sentinel
- b) Azure Key Vault
- c) Azure Dedicated Hosts
- d) Azure Firewall

The Azure Firewall is a cloud-based service that can be used to protect resources in an Azure virtual network. Here you can define network rules and application rules to protect your Azure Virtual Network.

Q607: _____ refers to the ability to increase or decrease resources for a given workload.

- a) Scalability
- b) Elasticity
- c) Agility
- d) Resiliency

Q608: Which of the following is referred as logic implementation into readily available blocks of code?

- a) Azure Logic Apps
- b) Azure App Service
- c) Azure ARM Template
- d) Azure Functions

exp

1

0

ce

pl

The Tech
Blackboard



Azure Functions

Execute event-driven serverless code functions with an end-to-end development experience.



Try Azure Functions free

Create a pay-as-you-go account

Overview Features Security Pricing Get started Customer stories Resources FAQ



Accelerate and simplify serverless application development

Develop more efficiently with an event-driven, serverless compute platform for orchestration problems. The Azure Functions end-to-end development experience lets you write serverless code in the programming languages you're already familiar with. Build and debug locally without adding overhead, then have your code operate at scale in the cloud, and integrate services using triggers and bindings.

Can we help you?

Chat now

No thanks >

Q609: A company is planning to set up a solution on the Azure platform. The solution has the following main key requirement.

- Provide a managed service that could be used to manage and scale container-based applications.

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

- a) Azure Event Grid
- b) Azure DevOps
- c) Azure Kubernetes
- d) Azure Dev Test Labs

Q610: A company is planning to set up a solution in Azure. The solution would have the following key requirement.

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

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

- a) Azure Advisor
- b) Azure Cognitive Services
- c) Azure Application Insights
- d) Azure DevOps

Q611: A company is planning to set up a solution in Azure. They have the following key requirement.

- Give the ability to process data from millions of sensors.

Which of the below Azure services can be used for this purpose?

- a) Azure Machine Learning
- b) Azure IoT Hub
- c) Azure AI Bot
- d) Azure Functions

Q611: A company is planning to set up a solution in Azure. They have the following key requirement.

- Give the ability to process data from millions of sensors.

Which of the below Azure services can be used for this purpose?

- a) Azure Machine Learning
- b) Azure IoT Hub
- c) Azure AI Bot
- d) Azure Functions

The Tech
Blackboard

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.



BLACKBOARD

Q612: A company is planning to set up a solution in Azure. The solution would have the following key requirement.

- An Integration solution for the deployment of code

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

- a) Azure Advisor
- b) Azure Cognitive Services
- c) Azure Application Insights
- d) Azure DevOps

Q612: A company is planning to set up a solution in Azure. The solution would have the following key requirement.

- An Integration solution for the deployment of code

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

- a) Azure Advisor
- b) Azure Cognitive Services
- c) Azure Application Insights
- d) Azure DevOps

Azure DevOps consists of a large set of tools. Amongst these, you have Azure Pipelines which can be used to build, test and deploy code. Since this is a clear feature of the tool, all other options are incorrect.

Q613: Your company is planning on hosting resources using Azure services. You have to decide on the right service to use for the desired requirement. Which of the following would you use for the following requirement?

- Provide a service that is used to integrate bots with applications

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

- a) Azure Cognitive Service
- b) Azure DevOps
- c) Azure Bot service
- d) Azure Synapse Analytics

Q614: Your company is planning on hosting resources using Azure services. You have to decide on the right service to use for the desired requirement. Which of the following would you use for the following requirement?

- Provide a service that is used to add artificial intelligence features to applications

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

- a) Azure Cognitive Service
- b) Azure DevOps
- c) Azure Bot service
- d) Azure Synapse Analytics

Q614: Your company is planning on hosting resources using Azure services. You have to decide on the right service to use for the desired requirement. Which of the following would you use for the following requirement?

- Provide a service that is used to add artificial intelligence features to applications

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

- a) Azure Cognitive Service
- b) Azure DevOps
- c) Azure Bot service
- d) Azure Synapse Analytics

You can use the Azure Cognitive service to build applications with artificial intelligence capabilities. There are several services available in Azure Cognitive services based on the following categories:

- Vision
- Speech
- Language
- Decision
- Search

Q615: Which offering below uses inbound and outbound rules to filter network traffic to and from Azure resources connected to Azure Virtual Networks?

- a) Public Load Balancer
- b) Internal Load Balancer
- c) Application Security Group
- d) Network Security Group



11:56

secure se

C

ctions

://head

0: Questions and Answers – Part 32

Q6 Which offering is going to use to configure network security as an extension of an application's structure?

- a) Application Load Balancer
- b) Virtual Network Load Balancer
- c) Application Security Group
- d) Network Security Group

Microsoft Azure

Azure Firewall

Filter by

Virtual Network

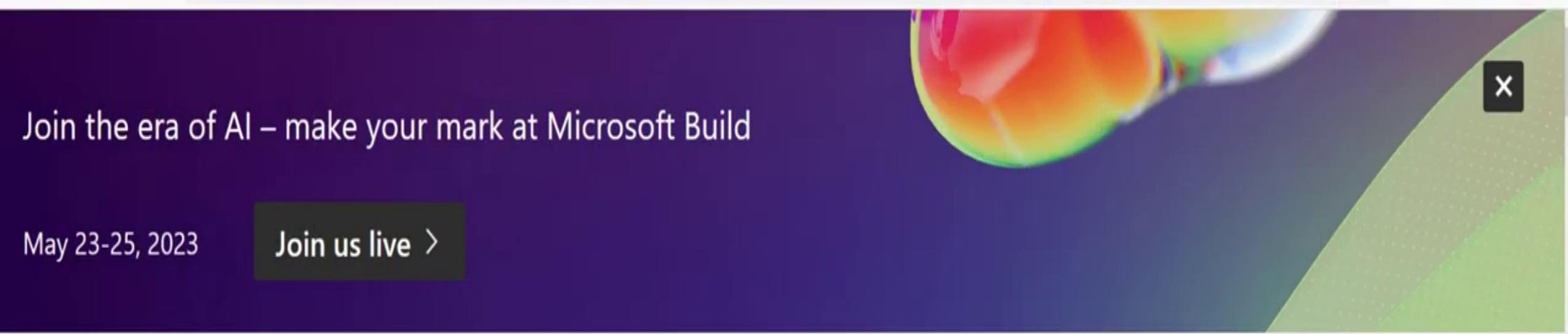
Overview

Quickstart

Create virtual network

Create virtual network





 [Filter by title](#)

Learn / Azure / Networking / Virtual Network / [+](#) [Edit](#) [⋮](#)

Application security groups

Article • 04/09/2023 • 8 contributors [Feedback](#)

Virtual Network documentation

› Overview

› Quickstarts

Create virtual network - Portal

Create virtual network - PowerShell

In this article

Filter by title

Virtual Network documentation

> Overview

Quickstarts

Create virtual network - Portal

Create virtual network - PowerShell

Create virtual network - Azure CLI

Create virtual network - Bicep

Create virtual network - ARM
template

> Tutorials

> Samples

< Contents

Download PDF

In this article

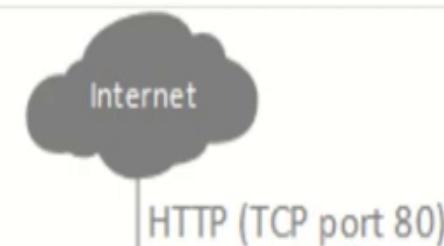
[Allow-HTTP-Inbound-Internet](#)

[Deny-Database-All](#)

[Allow-Database-BusinessLogic](#)

[Next steps](#)

Application security groups enable you to configure network security as a natural extension of an application's structure, allowing you to group virtual machines and define network security policies based on those groups. You can reuse your security policy at scale without manual maintenance of explicit IP addresses. The platform handles the complexity of explicit IP addresses and multiple rule sets, allowing you to focus on your business logic. To better understand application security groups, consider the following example:





Learn / Azure / Networking / Virtual Network /

Application security groups

Article • 04/09/2023 • 8 contributors

 Feedback

In this article

Allow-HTTP-Inbound-Internet

Deny-Database-All

Allow-Database-BusinessLogic

Next steps

Application security groups enable you to configure network security as a natural extension of an application's structure, allowing you to group virtual machines and define network security policies based on those groups. You can reuse your

Q617: Deploying a solution using Azure Container Instances requires you to manage virtual machines.

Yes No

Q618: The Azure App Service is an HTTP-based service for hosting web applications, REST APIs, and mobile back ends.

Yes No

Q619: High Availability refers to the ability to keep services up and running for long periods of time, while experiencing little to no downtime.

Yes No

Q620: Which service below is Microsoft's managed network security service in Azure that protects Azure Virtual Network resources?

- a) Azure Bastion
- b) Azure Firewall
- c) Application Security Group
- d) Azure Sentinel

Filter by title

Networking Fundamentals

documentation

✓ Overview

About Azure Networking

> Quickstarts

> Tutorials

> Samples

✓ Concepts

Architecture

> Plan and design

> Microsoft global network

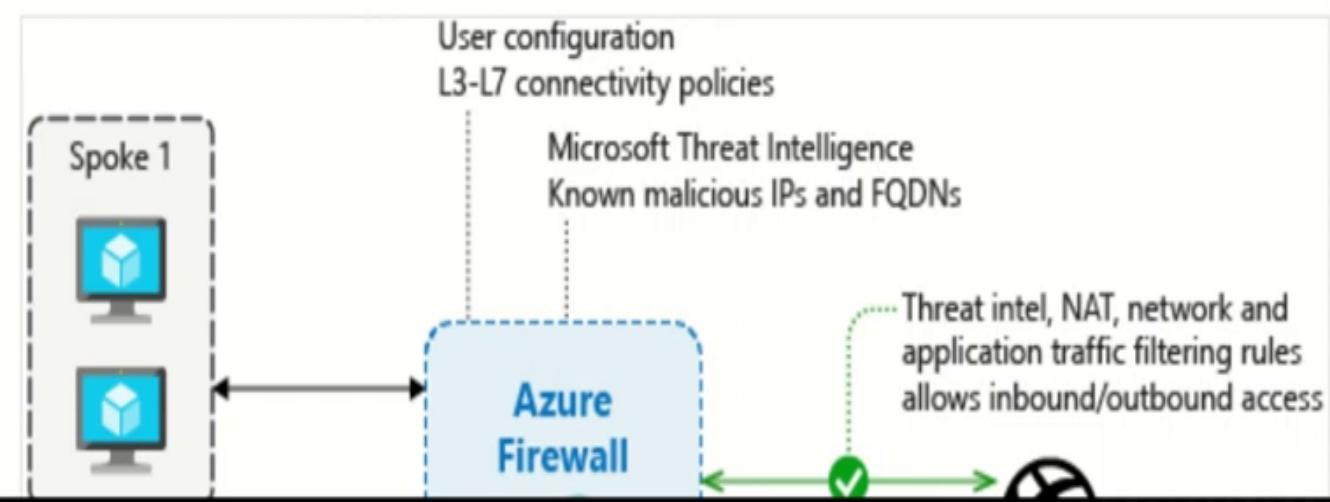
> Cloud network connectivity

Download PDF

Azure Firewall

Azure Firewall is a managed, cloud-based network security service that protects your Azure Virtual Network resources. Using Azure Firewall, 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.

For more information about Azure Firewall, see the [Azure Firewall documentation](#).



Filter by title

Networking Fundamentals
documentation

✓ Overview

About Azure Networking

> Quickstarts

> Tutorials

> Samples

✓ Concepts

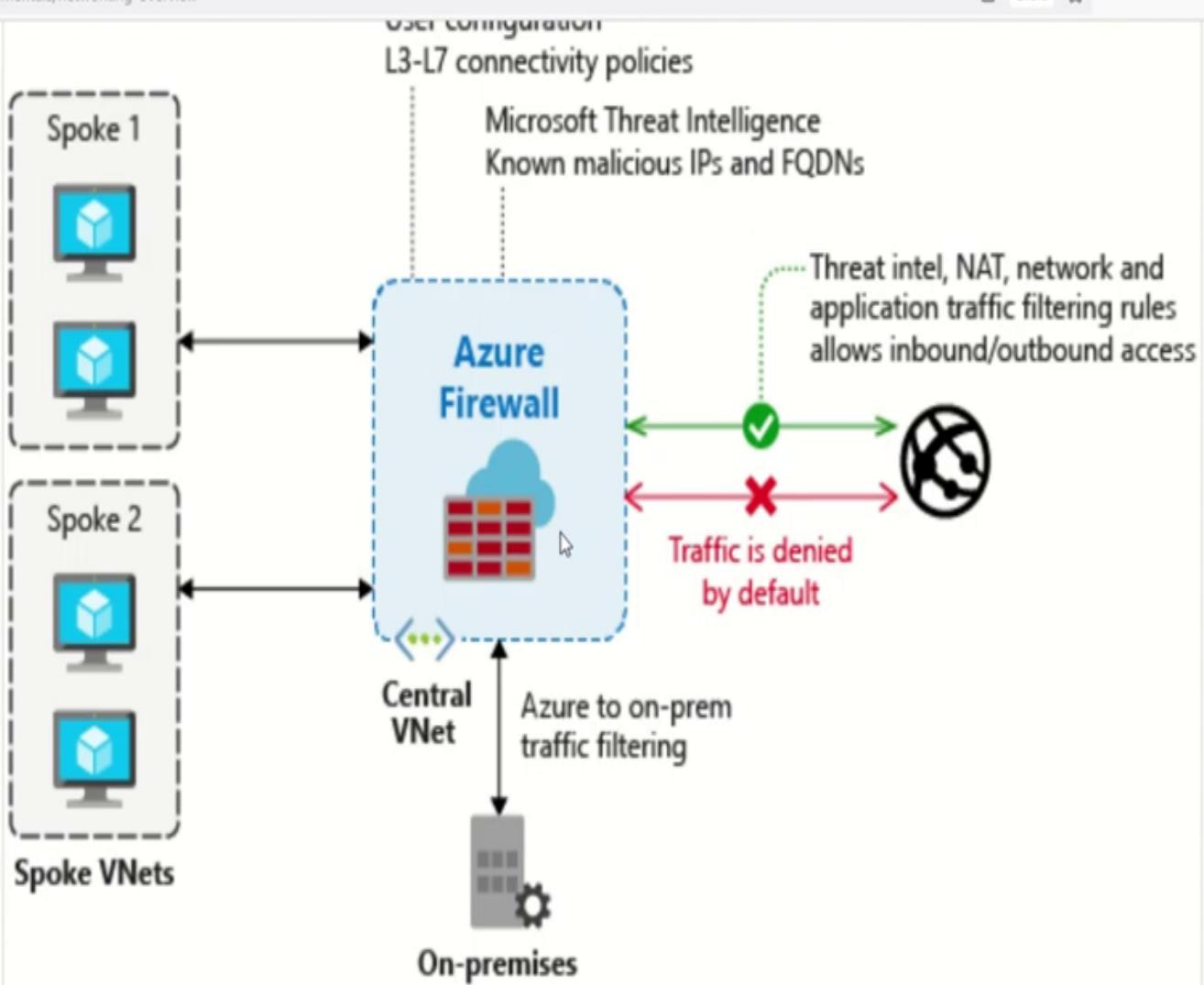
Architecture

> Plan and design

> Microsoft global network

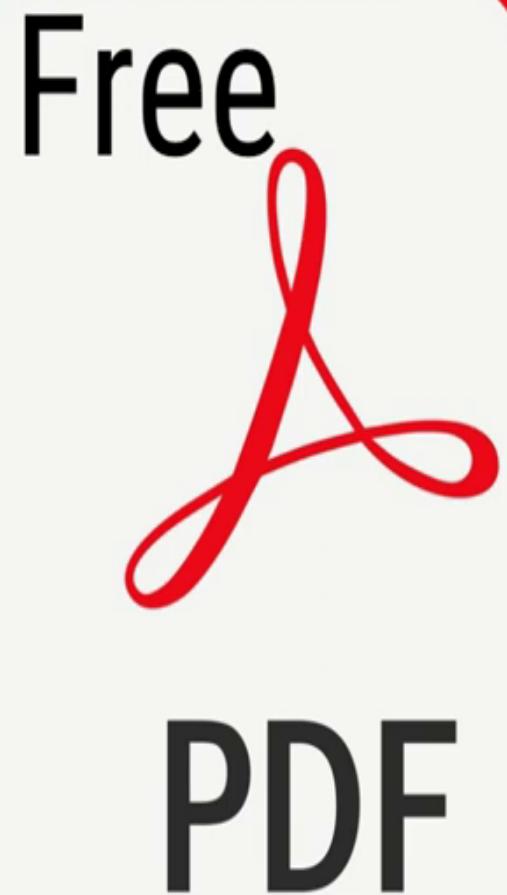
> Cloud network connectivity

Download PDF



Web Application Firewall

Azure Web Application Firewall (WAF) provides protection to your web



Part 31	Part 32
Q: 581	Q: 604
Q: 591	Q: 611
Q: 596	Q: 620
connectus@thetechblackboard.com	
Always mention the part number while sending your answers.	



00:14:54

