

Create a firewall - Microsoft | portal.azure.com/#create/Microsoft.AzureFirewall-Arm

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## Create a firewall

Basics Tags Review + create

Azure Firewall is a managed cloud-based network security service that protects your Azure Virtual Network resources. It is 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. The service is fully integrated with Azure Monitor for logging and analytics. [Learn more](#)

**Project details**

Subscription \*

Resource group \*   
[Create new](#)

**Instance details**

Name \*

Region \*

Availability zone

**Firewall SKU**

☐ Basic  
☐ Standard  
☒ Premium

**Firewall management**

☒ Use a Firewall Policy to manage this firewall  
☐ Use Firewall rules (classic) to manage this firewall

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- Click on create firewall
- Select resource group name
- Give instance name
- Select region
- Give name for firewall policy

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## Create a firewall

**Firewall SKU**

☐ Basic  
☐ Standard  
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**Firewall management**

☒ Use a Firewall Policy to manage this firewall  
☐ Use Firewall rules (classic) to manage this firewall

**Firewall policy \***

[Add new](#)

**Choose a virtual network**

☒ Create new  
☐ Use existing

**Virtual network name \***

**Address space**

Address space \*   
10.0.0.0 - 10.0.255.255 (65536 addresses)

**Subnet**

AzureFirewallSubnet

IPv4 subnet \*   
10.0.0.0 - 10.0.0.255 (256 addresses)

**Public IP address \***

[Add new](#)

**Forced tunneling**

☒ Disabled

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- Create virtual network for firewall
- Click next
- Check the tags

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Create a firewall

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Tags are name/value pairs that enable you to categorize resources and view consolidated billing by applying the same tag to multiple resources and resource groups. [Learn more](#)

Note that if you create tags and then change resource settings on other tabs, your tags will be automatically updated.

NameValueResource

:

3 selected

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Validation passed

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Summary

Basics

Subscription

Resource group

Region

Azure Firewall Sku

Firewall Policy Name

Firewall Policy Sku

Virtual network

Address space

Firewall subnet name

Firewall subnet address space

Firewall public IP address

Availability zone

Tags

Resource type

No results

Free Trial

firewall

South Africa North

Premium

firewall

Premium

myvnet

10.0.0.0/16

AzureFirewallSubnet

10.0.0.0/24

publicip

None

Name

Value

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Click on create

portal.azure.com/#@sasikumarvasuhotmail.onmicrosoft.com/resource/subscriptions/610280a0-20bf-4f6f-b3d2-fb054e20e60a/resourcegroups/firewall/providers/Microsoft...

Microsoft Azure | Upgrade

Home > Microsoft Azure Firewall-20240122101804 | Overview

firewall Firewall

Overview

Activity log

Access control (IAM)

Tags

Settings

Public IP configuration

Learned SNAT IP Prefixes (preview)

Firewall Manager

Properties

Locks

Monitoring

Metrics

Diagnostic settings

Logs

Workbooks

Automation

Tasks (preview)

Export template

Help

Resource health

Essentials

Resource group (move): firewall

Location: South Africa North

Subscription (move): Free Trial

Subscription ID: 610280a0-20bf-4f6f-b3d2-fb054e20e60a

Virtual network: myvnet

Firewall policy: firewall

Provisioning state: Succeeded

Tags (edit): Add tags

SKU: Premium(change)

Subnet: AzureFirewallSubnet

Public IP: publicip

Private IP: 10.0.0.4

Management subnet: -

Management public IP: -

Private IP Ranges: Managed by Firewall Policy

Route Server (preview): Add

Firewall policy

Visit Azure Firewall Manager at the link below to edit the Firewall Policy on this firewall

Policy: firewall (change)

Auto-learn IP Prefixes: Disabled

Rules

DNAT rules: 0 rules in 0 collections

Network rules: 0 rules in 0 collections

Application rules: 0 rules in 0 collections

JSON View

## Check private ip and public ip

portal.azure.com/#@sasikumarvasuhotmail.onmicrosoft.com/resource/subscriptions/610280a0-20bf-4f6f-b3d2-fb054e20e60a/resourcegroups/firewall/providers/Mic...

Microsoft Azure | Upgrade

Home > firewall

firewall | Application rules

Search

+ Add a rule collection + Add rule Edit Delete

Rules are shown in the order of execution below. Network rules take precedence over application rules regardless of priority. Within the same rule collection type, inherited rules take precedence over rule collection

Search to filter items...

<input type="checkbox"/> Rule Collection Priority	Rule collection name	Rule name	Source	Protocol	Destination	Action
No application rule collections found						

Add an application rule

The rule will be added to the selected rule collection upon saving.

Rule collection group: DefaultNetworkRuleCollectionGroup

Rule collection: rules

Name: 200

Source Type: IP Address

Source IP Addresses: 10.0.0.4/24

Destination Type: FQDN

Target FQDNs: www.google.com

☐ TLS inspection

Protocol: http8080

Save Cancel

Click on add rule collection

Add rule collection as we want