

Building, Securing, and Protecting a Web Application in Azure

Create a resource

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Dashboard

All services

FAVORITES

All resources

Resource groups

Quickstart Center

App Services

Function App

SQL databases

Azure Cosmos DB

Virtual machines

Load balancers

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Microsoft Entra ID

Monitor

Advisor

Microsoft Defender for Cloud

Cost Management +

Upgrade

Search resources, services, and docs (g+)

Copilot

...

Subscription equals all

Type equals all

Resource group equals all

Location equals all

Add filter

No grouping

List view

App Services

Create

View

Description

Create, build, deploy, and manage powerful web, mobile, and API apps for employees or customers using a single back-end. Build standards-based web apps and APIs using .NET, Java, Node.js, PHP, and Python.

Free training from Microsoft

Host a web application with Azure App servi...
7 units · 1 hr 5 min

Deploy and run a containerized web app wit...
8 units · 46 min

Scale an App Service web app to efficiently ...
6 units · 46 min

Useful links

Overview

Get started

Group	Location	Status	Operating system	Size	Public IP address	Disks	
...	Australia East	Running	Linux	Standard_B1s	20.188.242.168	1	...
...	Australia East	Running	Linux	Standard_B1s	20.47.122.174	1	...
...	Australia East	Running	Linux	Standard_B1s	20.47.122.174	1	...

Give feedback

Microsoft Azure

Upgrade

Search resources, services, and docs (g+)

Copilot

...

Subscription equals all

Resource group equals all

Location equals all

Add filter

No grouping

List view

App Services

Create

Manage Deleted Apps

Manage view

Refresh

Export to CSV

Open query

Assign tags

Start

Restart

Stop

Delete

Subscription equals all

Resource group equals all

Location equals all

Add filter

No grouping

List view

Web App

Static Web App

Web App + Database

WordPress on App Service

Status

Location

Pricing Tier

App Service Plan

Subscription

App Type

...

Give feedback

No app services to display

Create, build, deploy, and manage powerful web, mobile, and API apps for employees or customers using a single back-end. Build standards-based web apps and APIs using .NET, Java, Node.js, PHP, and Python.

Learn more about App Service

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Sign in

DEFAULT DIRECTORY

Home > App Services >

Create Web App

Project Details

Select a subscription to manage deployed resources and costs. Use resource groups like folders to organize and manage all your resources.

Subscription * Azure subscription 1

Resource Group * (New) Resource group

Create new

Instance Details

Name Web App name.azurewebsites.net

Unique default hostname (preview) on. More about this update

Publish * Code Container Static Web App

Runtime stack * Select a runtime ProvisionerAppTestDomain

Operating System Linux Windows

Region * Canada Central

Not finding your App Service Plan? Try a different region or select your App Service Environment.

Review + create

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Create Web App

Unique default hostname (preview) on. More about this update

Publish * Code Container Static Web App

Runtime stack * PHP 8.2

Operating System * Linux Windows

Region * East US

Not finding your App Service Plan? Try a different region or select your App Service Environment.

Pricing plans

App Service plan pricing tier determines the location, features, cost and compute resources associated with your app. Learn more

Linux Plan (East US) * (New) project1plan

Create new

Pricing plan Basic B1 (100 total ACU, 1.75 GB memory, 1 vCPU)

Explore pricing plans

Zone redundancy

Review + create

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Microsoft Azure

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Create Web App

×

Region *

East US

Not finding your App Service Plan? Try a different region or select your App Service Environment.

Pricing plans

App Service plan pricing tier determines the location, features, cost and compute resources associated with your app. [Learn more](#)

Linux Plan (East US) * ⓘ

(New) project1plan

Create new

Pricing plan

Basic B1 (100 total ACU, 1.75 GB memory, 1 vCPU)

Explore pricing plans

Zone redundancy

An App Service plan can be deployed as a zone redundant service in the regions that support it. This is a deployment time only decision. You can't make an App Service plan zone redundant after it has been deployed. [Learn more](#)

Zone redundancy

☐ Enabled: Your App Service plan and the apps in it will be zone redundant. The minimum App Service plan instance count will be three.

☒ Disabled: Your App Service Plan and the apps in it will not be zone redundant. The minimum App Service plan instance count will be one.

Review + create

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Create Web App

×

Basics Database Deployment Networking Monitor + secure Tags Review + create

Summary

 Web App

by Microsoft

Basic (B1) sku

Estimated price - 12.41 USD/Month

Basic authentication for this app is currently disabled and may impact deployments. Click to learn more.

Details

Subscription	915648c5-6b02-4250-97e7-2857a2023693
Resource Group	RedTeamRG
Name	sasgcybersecurityresume
Unique default hostname (preview)	Enabled
Publish	Code
Runtime stack	PHP 8.2

App Service Plan (New)

Name	project1plan
------	--------------

Create

< Previous

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[Download a template for automation](#)

[Home](#) > [App Services](#) > **Create Web App** ...

Name	sasgcybersecurityresume
Unique default hostname (preview)	Enabled
Publish	Code
Runtime stack	PHP 8.2

App Service Plan (New)

Name	project1plan
Operating System	Linux
Region	East US
SKU	Basic
Size	Small
ACU	100 total ACU
Memory	1.75 GB memory

Monitor + secure

Application Insights	Not enabled
----------------------	-------------

Deployment

Basic authentication	Disabled
Continuous deployment	Not enabled / Set up after app creation

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[Download a template for automation](#)

Home > App Services > Create Web App ...

Name	sasgcybersecurityresume
Unique default hostname (preview)	Enabled
Publish	Code
Runtime stack	PHP 8.2

App Service Plan (New)

Name	project1plan
Operating System	Linux
Region	East US
SKU	Basic
Size	Small
ACU	100 total ACU
Memory	1.75 GB memory

Monitor + secure

Application Insights	Not enabled
----------------------	-------------

Deployment

Basic authentication	Disabled
Continuous deployment	Not enabled / Set up after app creation

Validating... < Previous Next > [Download a template for automation](#)

=== Initializing deployment... X

Initializing template deployment to resource group 'RedTeamRG'.

Microsoft Azure

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Create Web App

deploymentName: Microsoft.Web-WebApp-Portal-38547b0d-9c3e
deploymentStatusCode: -1
details: [{"code": "InvalidTemplateDeployment", "message": "The template deployment 'Microsoft.Web-WebApp-Portal-38547b0d-9c3e' is not valid according to the validation procedure. The tracking id is '47c2c958-77af-452b-b211-736f5d15cfb2'. See inner errors for details.", "details": [{"code": "ValidationForResourceFailed", "message": "Validation failed for a resource. Check 'Error.Details[0]' for more information.", "details": [{"code": "SubscriptionsOverQuotaForSku", "message": "This region has quota of 0 instances for your subscription. Try selecting different region or SKU."}]]]]]
error: [{"code": "InvalidTemplateDeployment", "details": [{"code": "ValidationForResourceFailed", "message": "Validation failed for a resource. Check 'Error.Details[0]' for more information.", "details": [{"code": "SubscriptionsOverQuotaForSku", "message": "This region has quota of 0 instances for your subscription. Try selecting different region or SKU."}]]}], "message": "The template deployment 'Microsoft.Web-WebApp-Portal-38547b0d-9c3e' is not valid according to the validation procedure. The tracking id is '47c2c958-77af-452b-b211-736f5d15cfb2'. See inner errors for details."}]
expected: true
location: australiaeast
notificationTimestamp: "2024-10-21T23:45:18.022Z"
resourceGroupName: RedTeamRG
stage: 6
subscriptionId: 915648c5-6b02-4250-97e7-2857a2023693

BasicsDatabaseDeploymentNetworkingMonitor + secureTagsReview + create

Summary

Web App

by Microsoft

Basic (B1) sku

Estimated price - 12.41 USD/Month

Basic authentication for this app is currently disabled and may impact deployments. Click to learn more.

Details

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Above error was resolved by selecting Australia east as region instead of us east

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Create Web App

Region *Australia East

Not finding your App Service Plan? Try a different region or select your App Service Environment.

Pricing plans

App Service plan pricing tier determines the location, features, cost and compute resources associated with your app.
[Learn more](#)

Linux Plan (Australia East) * (New) project1plan
[Create new](#)

Pricing planBasic B1 (100 total ACU, 1.75 GB memory, 1 vCPU)
[Explore pricing plans](#)

Zone redundancy

An App Service plan can be deployed as a zone redundant service in the regions that support it. This is a deployment time only decision. You can't make an App Service plan zone redundant after it has been deployed [Learn more](#)

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Enabled: Your App Service plan and the apps in it will be zone redundant. The minimum App Service plan instance count will be three.

Disabled: Your App Service Plan and the apps in it will not be zone redundant. The minimum App Service plan instance count will be one.

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Highly secure@github.com

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Deployment

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Inputs

Outputs

Template

✓ Your deployment is complete

Deployment name: Microsoft.Web-WebApp-Portal-1d815203-b3d2

Subscription: Azure subscription 1

Resource group: RedTeamRG

Start time: 10/21/2024, 7:54:40 PM

Correlation ID: c7ed40b8-2315-4933-a6ba-faa142d89b13

Deployment details

Next steps

Manage deployments for your app. Recommended

Protect your app with authentication. Recommended

Go to resource

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Cost Management

Get notified to stay within your budget and prevent unexpected charges on your bill.

Set up cost alerts >

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Support + troubleshooting

Essentials

Resource group (move) : RedTeamRG

Status (move) : Running

Location (move) : Australia East

Subscription (move) : Azure subscription 1

Subscription ID : 915648c5-6b02-4250-97e7-2857a2023693

Tags (edit) : Add tags

Default domain : sasgcybersecurityresume-eqcgqefh0fvccbvbx.australiaeast-01.azure...

App Service Plan : project1plan (B1: 1)

Operating System : Linux

Health Check : Cannot fetch health check data. Please try again later.

JSON View

PropertiesMonitoringLogsCapabilitiesNotificationsRecommendations

Web app

Name : sasgcybersecurityresume

Publishing model : Code

Runtime Stack : Php - 8.3

Deployment Center

Deployment logs : View logs

Last deployment : Loading deployments...

Deployment provider : None

Domains

Default domain : sasgcybersecurityresume-eqcgqefh0fvccbvbx.australiaeast-01.azurewebsites.net

Custom domain : Add custom domain

Application Insights

Name : Enable Application Insights

Networking

Virtual IP address : 13.70.72.33

Microsoft Azure Upgrade Search resources, services, and docs (G+/) Copilot

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- Support + troubleshooting

Properties

Web app

Name	sasgcybersecurityresume
Publishing model	Code
Runtime Stack	Php - 8.3

Domains

Default domain	sasgcybersecurityresume-eqcqefh0fvccbvbx.australiaeast-01.azurewebsites.net
Custom domain	Add custom domain

Hosting

Plan Type	App Service plan
Name	project1plan
Operating System	Linux
Instance Count	1
SKU and size	Basic (B1) Scale up

Deployment Center

Deployment logs	View logs
Last deployment	Loading deployments...
Deployment provider	None

Application Insights

Name	Enable Application Insights
------	---

Networking

Virtual IP address	13.70.72.33
Outbound IP addresses	23.101.215.225, 52.187.193.154, 1... Show More
Additional Outbound IP addresses	23.101.215.225, 52.187.193.154, 1... Show More
Virtual network integration	Not configured

portal.azure.com/#@highroller039gmail.onmicrosoft.com/resource/subscriptions/915648c5-6b02-4250-97e7-2857a2023693/resourcegroups/RedTeamRG/provide... Finish update

Microsoft Azure Upgrade Search resources, services, and docs (G+/) Copilot highroller039@gmail.com

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sasgcybersecurityresume | Custom domains

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- Configuration
- Authentication
- Identity
- Backups
- Custom domains**
- Certificates
- Networking

Configure and manage custom domains assigned to your app. [Learn more](#)

IP address: 13.70.72.33

Custom Domain Verification ID: 6D50082CDA21479F569261EC1ADEFD936CA2368089BC0...

Filter by keywords Add filter

1 items

+ Add custom domain + Buy App Service domain Delete

Custom domains	Status	Solution	Binding type	Certificate used	Actions
sasgcybersecurityresume-eqcqef...	Secured	-	-	-	

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Launching cloud shell

Microsoft Azure

Upgrade

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High-Performance Computing

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Configure and manage custom domains assigned to your app. [Learn more](#)

IP address: 13.70.72.33

Custom Domain Verification ID: 6D50082CDA21479F569261EC1ADEFD936CA236B089BC0...

Filter by keywords

Add filter

1 items

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Items per page: 50

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Welcome to Azure Cloud Shell

Select Bash or PowerShell. You can change shells any time via the environment selector in the Cloud Shell toolbar. The most recently used environment will be the default for your next session.

Bash

PowerShell

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Configure and manage custom domains assigned to your app. [Learn more](#)

IP address: 13.70.72.33

Custom Domain Verification ID: 6D50082CDA21479F569261EC1ADEFD936CA236B089BC0...

Filter by keywords

Add filter

1 items

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Getting started

Select a subscription to get started. You can optionally mount a storage account to persist files between sessions. [Learn more](#)

☒ No storage account required

☐ Mount storage account

Subscription *

Select

☐ Use an existing private virtual network [Learn more](#)

Apply

Previous

Microsoft Azure Upgrade Search resources, services, and docs (G+/I) Copilot

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Resource group (move) [RedTeamRG](#)

Status Running

Location (move) Australia East

Subscription (move) [Azure subscription 1](#)

Subscription ID

Default domain [sasgcybersecurityresume-egcqe9h0fvcbybx.australiaeast-01.azure...](#)

App Service Plan [project1plan \(B1: 1\)](#)

Operating System Linux

Health Check Not Configured

JSON View

Deployment is in progress

Subscription: Azure subscription 1
Resource group: 915648c5-6b02-4250-97e7-2857a2023693/resourcegroups/cloud-shell-storage-eastus
Storage account: cs210032003df972956
File share: cs-highroller039-gmail-com-10032003df972956
Region: East US

Switch to PowerShell Restart Manage files ▾ New session Editor Web preview Settings ▾ Help ▾

```
/usr/lib64/az/lib/python3.9/site-packages/paramiko/pkey.py:100: CryptographyDeprecationWarning: TripleDES has been moved to cryptography.hazmat.decrepit.ciphers.algorithms.TripleDES and will be removed from this module in 48.0.0.
"cipher": algorithms.TripleDES,
/usr/lib64/az/lib/python3.9/site-packages/paramiko/transport.py:259: CryptographyDeprecationWarning: TripleDES has been moved to cryptography.hazmat.decrepit.ciphers.algorithms.TripleDES and will be removed from this module in 48.0.0.
"class": algorithms.TripleDES,
Option '--docker-custom-image-name' has been deprecated and will be removed in a future release. Use '--container-image-name' instead.
App settings have been redacted. Use 'az webapp/logicapp/functionapp config appsettings list' to view.
[
  {
    "name": "DOCKER_CUSTOM_IMAGE_NAME",
    "value": "DOCKER|cyberxsecurity/project1-apachewebserver:4.0"
  }
]
bash: --enable-app-service-storage: command not found
s [ ~ ]$ az webapp config container show --name sasgcybersecurityresume --resource-group redteamRG
/usr/lib64/az/lib/python3.9/site-packages/paramiko/pkey.py:100: CryptographyDeprecationWarning: TripleDES has been moved to cryptography.hazmat.decrepit.ciphers.algorithms.TripleDES and will be removed from this module in 48.0.0.
"cipher": algorithms.TripleDES,
/usr/lib64/az/lib/python3.9/site-packages/paramiko/transport.py:259: CryptographyDeprecationWarning: TripleDES has been moved to cryptography.hazmat.decrepit.ciphers.algorithms.TripleDES and will be removed from this module in 48.0.0.
"class": algorithms.TripleDES,
[
  {
    "name": "WEBSITES_ENABLE_APP_SERVICE_STORAGE",
    "slotSetting": false,
    "value": "false"
  },
  {
    "name": "DOCKER_CUSTOM_IMAGE_NAME",
    "value": "DOCKER|cyberxsecurity/project1-apachewebserver:4.0"
  }
]
s [ ~ ]$
```

Default Directory

+ Create ...

Filter for any field...

Name ↑↓

sasgcybersecurityresume

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Location (move)

Australia East

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Azure subscription 1

Subscription ID

915648c5-6b02-4250-97e7-2857a2023693

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Code

Runtime Stack

Php - 8.3

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App Service Plan

project1plan (B1: 1)

Operating System

Linux

Health Check

Not Configured

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https://portal.azure.com/#@highroller039gmail.onmicrosoft.com/resource/subscriptions/915...

```
GNU nano 2.7.4 File: index.html Modified
<!DOCTYPE html>
<html lang="en">

<head>
  <meta charset="UTF-8" />
  <title>My Blog</title>
  <link rel="stylesheet" href="./assets/css/style.css" />
</head>

<body>
  <!-- navigation -->
  <header>
    <h1>
      <a href="/">
        S. ASGHAR'S CYBER BLOG
      </a>
    </h1>
    <a href="mailto:marsupialseven@gmail.com" class="button">Send Email</a>
    <a href="https://www.linkedin.com/in/s-asghar-243538120/" class="linkedin">
    </a>
  </header>

  <!-- "About" section -->
  <section id="about" class="intro">
    <!--Replace with your own image-->

    
    <h2 class="section-title">Hi, I'm S. Asghar!</h2>

^G Get Help ^O Write Out ^W Where Is ^R Cut Text ^J Justify ^C Cur Pos ^Y Prev Page M-^ First Line M-^ WhereIs Next ^P Mark Text
^X Exit ^F Read File ^_ Replace ^U Uncut Text ^T To Spell ^_ Go To Line ^V Next Page M-^ Last Line M-^ To Bracket M-^ Copy Text
^M Menu ssh://root@169.254.130.2:2222 SSH CONNECTION ESTABLISHED
```

S. ASGHAR'S CYBER BLOG

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Hi, I'm S. Asghar!


Welcome to my cybersecurity blog. I am a cybersecurity analyst with a solid foundation in threat monitoring, incident response, and vulnerability management. I hold certification from ISC2, Certified in Cybersecurity (CC), along with hands-on experience in SOC operations. My expertise includes analyzing security events, configuring IDS/IPS systems, and monitoring logs to detect anomalies. I am proficient with SIEM tools and network hardening techniques.

Blog Posts

S. ASGHAR'S CYBER BLOG

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Understanding Cloud Security: Protecting Your Digital Assets

Data Breaches, Encryption, Access Control, Shared Responsibility Model, Continuous Monitoring

In today's digital landscape, cloud security has become a crucial concern for businesses of all sizes. As organizations increasingly rely on cloud services for data storage and application hosting, the need to secure these assets is paramount. Cloud security encompasses a range of measures designed to protect data, applications, and services in the cloud from cyber threats.

One of the primary risks associated with cloud computing is data breaches. Cybercriminals are continuously finding new ways to exploit vulnerabilities, making it essential for companies to implement robust security protocols. Encryption is a vital tool in this regard, ensuring that data is unreadable to unauthorized users, even if it is intercepted.

Another key aspect of cloud security is access control. Organizations should enforce strict authentication measures, such as multi-factor authentication (MFA), to ensure that only authorized personnel can access sensitive information. Regular audits of user permissions can further mitigate the risk of unauthorized access.

Additionally, understanding the shared responsibility model is crucial. While cloud service providers (CSPs) offer a secure infrastructure, businesses must take responsibility for securing their applications and data. This partnership is essential

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is2

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vital tool in this regard, ensuring that data is unreadable to unauthorized users, even if it is intercepted.

Another key aspect of cloud security is access control. Organizations should enforce strict authentication measures, such as multi-factor authentication (MFA), to ensure that only authorized personnel can access sensitive information. Regular audits of user permissions can further mitigate the risk of unauthorized access.

Additionally, understanding the shared responsibility model is crucial. While cloud service providers (CSPs) offer a secure infrastructure, businesses must take responsibility for securing their applications and data. This partnership is essential for creating a comprehensive security strategy.

Continuous monitoring is also vital for identifying potential threats in real-time. Implementing security information and event management (SIEM) systems can help detect anomalies and respond swiftly to incidents. Regular security assessments and penetration testing should also be part of a proactive security strategy.

Finally, employee training cannot be overlooked. Human error is often a significant factor in security breaches, making it essential for organizations to educate their staff about best practices and emerging threats. By fostering a culture of security awareness, businesses can significantly reduce their risk exposure.

In conclusion, cloud security is a multifaceted challenge that requires a proactive and comprehensive approach. By prioritizing encryption, access control, continuous monitoring, and employee training, organizations can better protect their digital assets in the cloud. As the cloud continues to evolve, staying informed about the latest security trends and technologies will be vital for maintaining a strong security posture.

← → ↻

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Strengthening Network Security: Safeguarding Your Digital Infrastructure

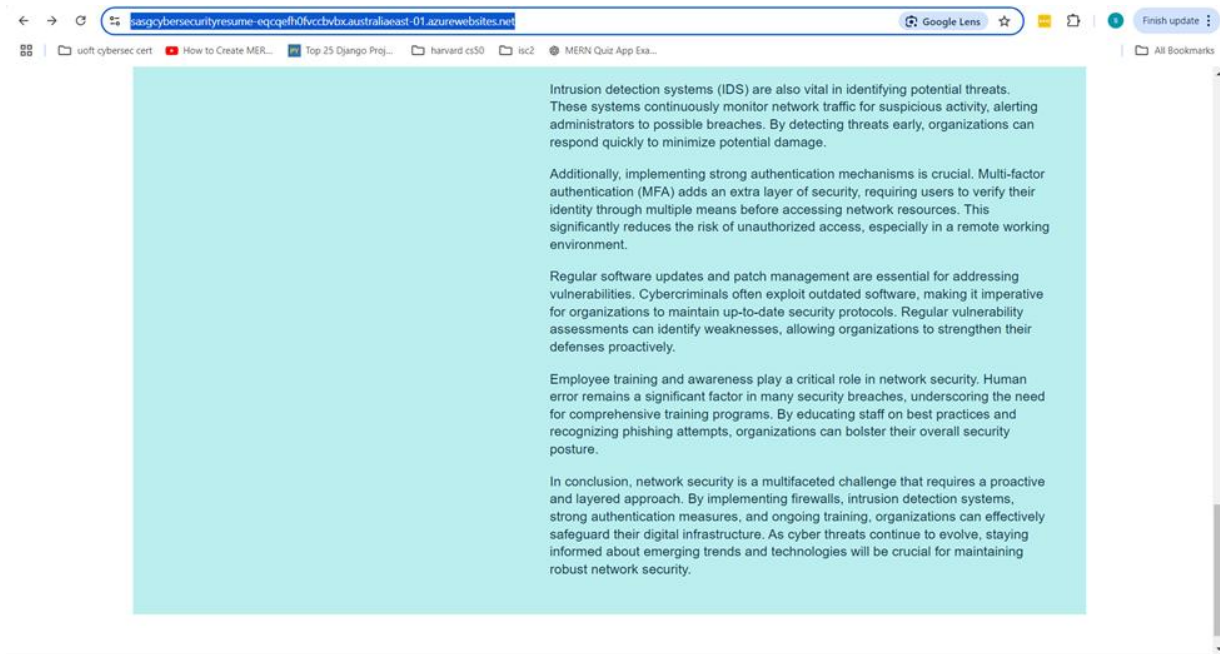
network security, firewalls, intrusion detection systems, multi-factor authentication, cyber threats

In an increasingly interconnected world, network security has become a cornerstone of organizational safety. As cyber threats evolve in complexity, securing the network infrastructure is critical for protecting sensitive data and maintaining business continuity. Network security encompasses a variety of technologies, policies, and practices designed to safeguard networks from unauthorized access, misuse, or destruction.

One of the primary components of network security is the use of firewalls. Firewalls act as a barrier between trusted internal networks and untrusted external networks, filtering incoming and outgoing traffic based on predetermined security rules. This essential line of defense helps mitigate risks and prevent unauthorized access to network resources.

Intrusion detection systems (IDS) are also vital in identifying potential threats. These systems continuously monitor network traffic for suspicious activity, alerting administrators to possible breaches. By detecting threats early, organizations can respond quickly to minimize potential damage.

Additionally, implementing strong authentication mechanisms is crucial. Multi-factor authentication (MFA) adds an extra layer of security, requiring users to verify their identity through multiple means before accessing network resources. This significantly reduces the risk of unauthorized access, especially in a remote working environment.



//////2

Assigning Keys

The screenshot shows the Microsoft Azure portal interface. The main heading is 'Virtual machines'. Below it, there's a search bar with the text 'key'. The search results are displayed in a list format. The first result is 'Key vaults', which is highlighted. Other results include 'SSH keys', 'Microsoft Entra authentication methods', and 'BitLocker Keys'. The 'Key vaults' section is expanded, showing a list of key vaults with columns for 'Name', 'Subscription', and 'Status'. The first row shows 'Jump-Box-Provisioner' under 'Azure subscription 1'. The second row shows 'Web-1' under 'Azure subscription 1'. The third row shows 'Web-2' under 'Azure subscription 1'. The 'Key vaults' section also includes a 'Documentation' link and a 'Continue searching in Microsoft Entra ID' button.

Name	Subscription	Status
Jump-Box-Provisioner	Azure subscription 1	
Web-1	Azure subscription 1	
Web-2	Azure subscription 1	

Microsoft Azure

Upgrade

Search resources, services, and docs (g+7)

Copilot

DEFAULT DIRECTORY

Home >

Key vaults

Default Directory

+ Create

Manage deleted vaults

Manage view

Refresh

Export to CSV

Open query

Assign tags

Filter for any field...

Subscription equals all

Resource group equals all

Location equals all

Add filter

Showing 0 to 0 of 0 records.

No grouping

List view

Name	Type	Resource group	Location	Subscription	Tags
------	------	----------------	----------	--------------	------

No key vaults to display

Safeguard cryptographic keys and other secrets used by cloud apps and services.

Create key vault

Learn more

Microsoft Azure

Upgrade

Search resources, services, and docs (g+7)

Copilot

DEFAULT DIRECTORY

Home > Key vaults >

Create a key vault

...

Basics

Access configuration

Networking

Tags

Review + create

Azure Key Vault is a cloud service used to manage keys, secrets, and certificates. Key Vault eliminates the need for developers to store security information in their code. It allows you to centralize the storage of your application secrets which greatly reduces the chances that secrets may be leaked. Key Vault also allows you to securely store secrets and keys backed by Hardware Security Modules or HSMs. The HSMs used are Federal Information Processing Standards (FIPS) 140-2 Level 2 validated. In addition, key vault provides logs of all access and usage attempts of your secrets so you have a complete audit trail for compliance.

Project details

Select the subscription to manage deployed resources and costs. Use resource groups like folders to organize and manage all your resources.

Subscription *

Azure subscription 1

Resource group *

RedTeamRG

Create new

Instance details

Key vault name *

Proj1-KVault

Region *

Australia East

Previous

Next

Review + create

Give feedback

Microsoft Azure

Upgrade

Search resources, services, and docs (0/77)

Copilot

Default Directory

Home > Key vaults >

Create a key vault

Permission model

Grant data plane access by using a [Azure RBAC](#) or [Key Vault access policy](#)

☐ Azure role-based access control (recommended)

☒ Vault access policy

Resource access

☐ Azure Virtual Machines for deployment

☐ Azure Resource Manager for template deployment

☐ Azure Disk Encryption for volume encryption

Access policies

Access policies enable you to have fine grained control over access to vault items. [Learn more](#)

+ Create

Edit

Delete

☒ Name

Email

Key Permissions

Secret Permissions

Certificate Permissions

USER

☒ s asghar

highroller039_gmail.com#EXT#@highroller039...

Get, List, Update, Create, Import, Delete, Recov...

Get, List, Set, Delete, Recover, Backup, Restore

Get, List, Update, Create, Import, Delete, Recov...

Previous

Next

Review + create

[Give feedback](#)

Microsoft Azure

Upgrade

Search resources, services, and docs (0/77)

Copilot

Default Directory

Home > Key vaults >

Create a key vault

basics

Access configuration

Networking

Tags

Review + create

Review + create

Basics

Subscription

Azure subscription 1

Resource group

RedTeamRG

Key vault name

Proj1-KVault

Region

Australia East

Pricing tier

Standard

Soft-delete

Enabled

Purge protection during retention period

Disabled

Days to retain deleted vaults

90 days

Access configuration

Azure Virtual Machines for deployment

Disabled

Azure Resource Manager for template deployment

Disabled

Azure Disk Encryption for volume encryption

Disabled

Permission model

Vault access policy

Access policies

1

Previous

Next

Create

[Give feedback](#)

Microsoft Azure

Upgrade

Search resources, services, and docs (0/7)

Copilot

Home >

Proj1-KVault | Overview

Deployment

Search

Delete

Cancel

Redeploy

Download

Refresh

Overview

Inputs

Outputs

Template

Deployment succeeded

Deployment 'Proj1-KVault' to resource group 'RedTeamRG' was successful.

Go to resource

Pin to dashboard

Your deployment is complete

Deployment name : Proj1-KVault

Subscription : Azure subscription 1

Resource group : RedTeamRG

Start time : 10/23/2024, 7:21:38 PM

Correlation ID : a19f7197-8495-4831-836b-eb1a498c25b7

Deployment details

Next steps

Go to resource

Give feedback

Tell us about your experience with deployment

Cost management

Get notified to stay within your budget and prevent unexpected charges on your bill.

Set up cost alerts >

Microsoft Defender for Cloud

Secure your apps and infrastructure

Go to Microsoft Defender for Cloud >

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Microsoft Azure

Upgrade

Search resources, services, and docs (0/7)

Copilot

Home >

Proj1-KVault

Key vault

Search

Delete

Move

Refresh

Open in mobile

Overview

Activity log

Access control (IAM)

Tags

Diagnose and solve problems

Access policies

Events

Objects

Settings

Monitoring

Automation

Help

Essentials

Resource group (move) : RedTeamRG

Location : Australia East

Subscription (move) : Azure subscription 1

Subscription ID : 915648c5-6b02-4250-97e7-2857a2023693

Vault URI : https://proj1-kvault.vault.azure.net/

Sku (Pricing tier) : Standard

Directory ID : 2f34d20d-9bae-4590-af8b-34acad4ed93c

Directory Name : Default Directory

Soft-delete : Enabled

Purge protection : Disabled

Tags (edit) : Add tags

Get started

Properties

Monitoring

Tools + SDKs

Tutorials

Manage keys and secrets used by apps and services

Our recommendation is to use a vault per application per environment (Development, Pre-Production and Production). This helps you to not share secrets across environments and also reduces the threat in case of a breach.

Control access to key vault

Assign access policy and determine whether a given service principal, namely an application or

Enable logging and set up alerts

Enable logging to monitor how, when and by whom your key vaults are accessed. Monitor

Turn on recovery options

For protection against accidental or malicious deletion, soft-delete is enabled. Turn on purge

Creating a Self-Signed Certificate

Microsoft Azure Upgrade Search resources, services, and docs (G+) Copilot highroller039@gmail.com DEFAULT DIRECTORY

Home > Proj1-KVault Key vault

Search Delete Move Refresh Open in mobile

Overview

- Activity log
- Access control (IAM)
- Tags
- Diagnose and solve problems
- Access policies
- Events
- Objects
 - Keys
 - Secrets
 - Certificates
- Settings

Essentials

Resource group (move) : RedTeamRG

Location : Australia East

Subscription (move) : Azure subscription 1

Subscription ID : 915648c5-6b02-4250-97e7-2857a2023693

Tags (edit) : Add tags

Vault URI : https://proj1-kvault.vault.azure.net/

SKU (Pricing tier) : Standard

Directory ID : 2f34d20d-9bae-4590-af8b-34acad4ed93c

Directory Name : Default Directory

Soft-delete : Enabled

Purge protection : Disabled

Get started Properties Monitoring Tools + SDKs Tutorials

Manage keys and secrets used by apps and services

Our recommendation is to use a vault per application per environment (Development, Pre-Production and Production). This helps you to not share secrets across environments and also reduces the threat of

Switch to PowerShell Restart Manage files New session Editor Web preview Settings Help

Requesting a Cloud Shell.Succeeded.
Connecting terminal...

Welcome to Azure Cloud Shell

Type "az" to use Azure CLI
Type "help" to learn about Cloud Shell

```
s [ ~ ]$ openssl req -x509 -sha256 -nodes -days 365 -newkey rsa:2048 -keyout proj1-key.key -out proj1-cert.crt -addext "extendedKeyUsage=serverAuth"
Generating a RSA private key
.....+++++
writing new private key to 'proj1-key.key'
-----
You are about to be asked to enter information that will be incorporated
into your certificate request.
What you are about to enter is what is called a Distinguished Name or a DN.
There are quite a few fields but you can leave some blank
For some fields there will be a default value,
If you enter '.', the field will be left blank.
-----
Country Name (2 letter code) [AU]:CA
State or Province Name (full name) [Some-State]:
Locality Name (eg, city) []:
Organization Name (eg, company) [Internet Wddgits Pty Ltd]:
Organizational Unit Name (eg, section) []:
Common Name (e.g. server FQDN or YOUR name) []:azurewebsites.net
Email Address []:
s [ ~ ]$ ls
cloudrive proj1-cert.crt proj1-key.key
s [ ~ ]$ nano proj1-cert.crt
s [ ~ ]$ nano proj1-key.key
s [ ~ ]$
```

Switch to PowerShell Restart Manage files New session Editor Web preview Settings Help

GNU nano 6.0 proj1-cert.crt

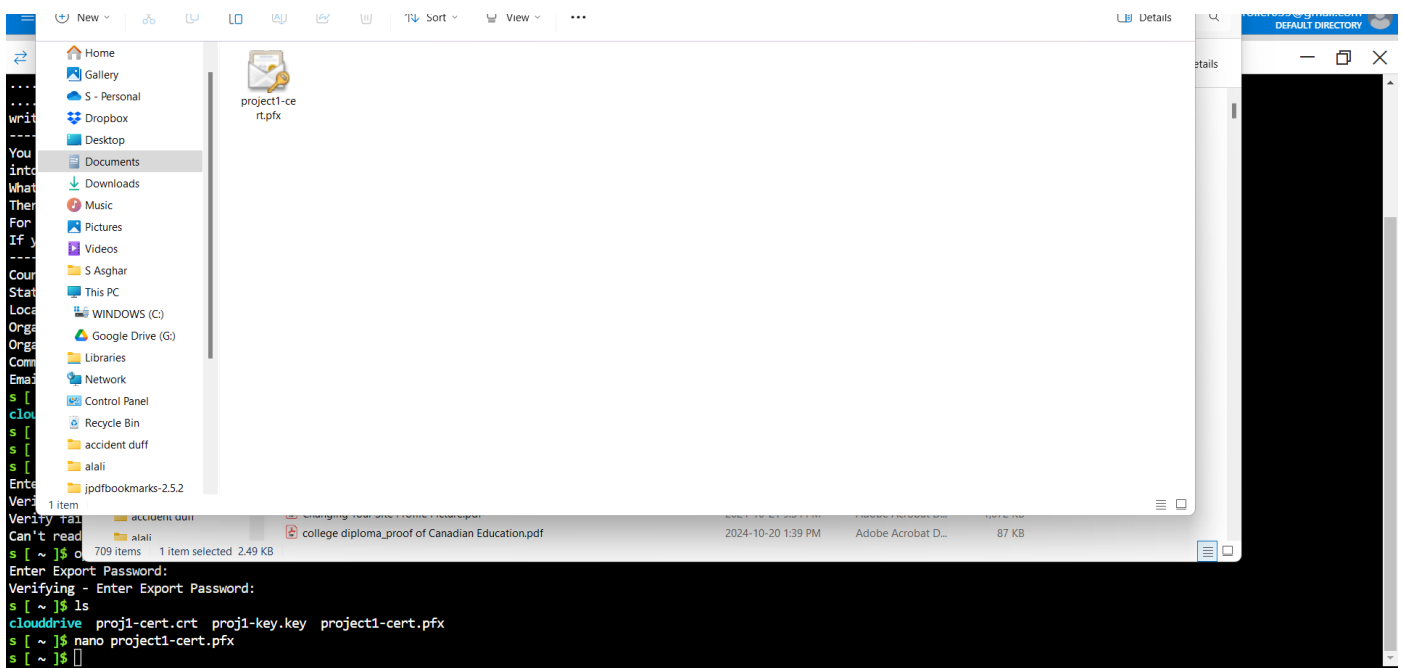
```
-----BEGIN CERTIFICATE-----
MIIDuCCAgCgAIBAgIU/v6j97Yys+uhvokNG4ZDEcZ1TiWQYJKoZIhvcNAQEL
BQAwYTELMakGA1UEBhMCQ0EwEzARBgNVBAgMC1VhbnU3RHRdGluZITAfBgNVBAcM
GE1udGVybWV0IFdpZGdpdHkgUHR5IEEx0ZDEaMBGGA1UEAwRYXp1cmV3ZmV3ZmV3
cy5uZXQwHicCNmJ0MDIzHjMzNzIxwHcNMjUxMDIzHjMzNzIxwHhMQswCQYDVQ0G
EwJDTETMBEGA1UECAwKU29tZS1TdGF0ZTEhMB8GA1UECgwYU29tZS1TdGF0ZTEh
Z2Z10cyBQdHkgTHRkMR0wGwYDVQQDDBFhenVyZXd1YnNpdGVzLm5ldDCCAS1WQYJ
KoZIhvcNAQEBBQdggEPADCCAQoCggEBAMYL4JgAHZTNaaJ6vuEDU+LSTXngFJYm
fECYeVwQkgMF8YKqBPC2YCEpQz8UP0g/HouqioY4z1/FkM+0i71zZB4Jq+derM
GTQ0+THj2H5loqj248oJ01N8wRxdis8JNmUs1esrKvCH6hjWf3FqBSrOYydfvidR
LbB8MvzsfDdwk/ATS+zGv7swe7acIeJQjqr/oEUG0dwsT2KhR+vkcpFvum0
nLTsaKozv/UY2CBkrEyZDF8YfCJwh1Pi3g8/V92qi7YztW2ni9wysbmJE8+aAP
eizJg01Z0Zw1PBhN4k04Z1PwGcZKlyz0PzP4Z1Hnqv+wf631cjin10CAwEAAsNo
MGYwHQYDVIR80BBYEF128FxxYr0MeIJPDT9FxfjBDoC/HuMB8GA1UdIwQYMBaAFI28
FXxxYr0MeIJPDT9FxfjBDoC/HuMA8GA1UdEwEB/wQFMAMBAAwEwYDVIR81BAAwCgYI
```

```

Generating a RSA private key
.....+++++
.....+++++
writing new private key to 'proj1-key.key'
-----
You are about to be asked to enter information that will be incorporated
into your certificate request.
What you are about to enter is what is called a Distinguished Name or a DN.
There are quite a few fields but you can leave some blank
For some fields there will be a default value,
If you enter '.', the field will be left blank.
-----
Country Name (2 letter code) [AU]:CA
State or Province Name (full name) [Some-State]:
Locality Name (eg, city) []:
Organization Name (eg, company) [Internet Widgits Pty Ltd]:
Organizational Unit Name (eg, section) []:
Common Name (e.g. server FQDN or YOUR name) []:azurewebsites.net
Email Address []:

s [ ~ ]$ ls
cloudrive proj1-cert.crt proj1-key.key
s [ ~ ]$ nano proj1-cert.crt
s [ ~ ]$ nano proj1-key.key
s [ ~ ]$ openssl pkcs12 -export -out project1-cert.pfx -inkey proj1-key.key -in proj1-cert.crt
Enter Export Password:
Verifying - Enter Export Password:
Verify failure
Can't read Password
s [ ~ ]$ openssl pkcs12 -export -out project1-cert.pfx -inkey proj1-key.key -in proj1-cert.crt
Enter Export Password:
Verifying - Enter Export Password:
s [ ~ ]$ ls
cloudrive proj1-cert.crt proj1-key.key project1-cert.pfx
s [ ~ ]$

```



Microsoft Azure | Upgrade | Search resources, services, and docs (Q+?) | Copilot | DEFAULT DIRECTORY

Home >

Key vaults

Default Directory

+ Create | Manage deleted vaults | Manage view | Refresh | Export to CSV | Open query | Assign tags

Filter for any field... | Subscription equals all | Resource group equals all | Location equals all | Add filter

Showing 1 to 1 of 1 records. | No grouping | List view

Name	Type	Resource group	Location	Subscription	Tags
Proj1-KVault	Key vault	RedTeamRG	Australia East	Azure subscription 1	

< Previous | Page 1 of 1 | Next >

Give feedback

```
Switch to PowerShell | Restart | Manage files | New session | Editor | Web preview | Settings | Help
```

```
Can't read Password
s [ ~ ]$ openssl pkcs12 -export -out project1-cert.pfx -inkey proj1-key.key -in proj1-cert.crt
Enter Export Password:
Verifying - Enter Export Password:
s [ ~ ]$ ls
clouddrive proj1-cert.crt proj1-key.key project1-cert.pfx
s [ ~ ]$ nano project1-cert.pfx
s [ ~ ]$
```

Microsoft Azure | Upgrade | Search resources, services, and docs (Q+?) | Copilot | DEFAULT DIRECTORY

Home > Key vaults > Proj1-KVault

Key vaults

Default Directory

+ Create

Filter for any field... | Name

Proj1-KVault

Proj1-KVault | Certificates

Key vault

Search | Generate/Import | Refresh | Restore Backup | Manage deleted certificates | Certificate Contacts | Certificate Authorities

The certificate 'proj1PFX-cert' has been successfully imported.

Name	Thumbprint	Status	Expiration date
Completed			
proj1PFX-cert	CF9709CC558EDECS5D6F4CD872B3A...	✓ Enabled	10/23/2025
In progress, failed or cancelled			
There are no certificates available.			

Overview | Activity log | Access control (IAM) | Tags | Diagnose and solve problems | Access policies | Events | Objects | Keys | Secrets | Certificates | Settings

< Page 1 of 1 >

```
Switch to PowerShell | Restart | Manage files | New session | Editor | Web preview | Settings | Help
```

```
Can't read Password
s [ ~ ]$ openssl pkcs12 -export -out project1-cert.pfx -inkey proj1-key.key -in proj1-cert.crt
Enter Export Password:
Verifying - Enter Export Password:
s [ ~ ]$ ls
clouddrive proj1-cert.crt proj1-key.key project1-cert.pfx
s [ ~ ]$ nano project1-cert.pfx
s [ ~ ]$
```

S. ASGHAR'S CYBER BLOG

Send Email

in

Connection is secure
Cookies and site data
Site settings

Hi, I'm S. Asghar!

Welcome to my cybersecurity blog. I am a cybersecurity analyst with a solid foundation in threat monitoring, incident response, and vulnerability management. I hold certification from ISC2, Certified in Cybersecurity (CC), along with hands-on experience in SOC operations. My expertise includes analyzing security events, configuring IDS/IPS systems, and monitoring logs to detect anomalies. I am proficient with SIEM tools and network hardening techniques.

Blog Posts

S. ASGHAR'S CYBER BLOG

Send Email

in

GeneralDetails

Issued To

Common Name (CN)*.azurewebsites.net

Organization (O)Microsoft Corporation

Organizational Unit (OU)<Not Part Of Certificate>

Issued By

Common Name (CN)Microsoft Azure RSA TLS Issuing CA 08

Organization (O)Microsoft Corporation

Organizational Unit (OU)<Not Part Of Certificate>

Validity Period

Issued OnSunday, August 4, 2024 at 4:40:00 AM

Expires OnWednesday, July 30, 2025 at 4:40:00 AM

SHA-256 Fingerprints

Certificate35c45b90c925c441ab3f81f22519ab8e8aa6f8df933726a45785c4a82972ed5b

Public Key39583914096ece7546489c81895239c21fbd53c62141f9d1175e28d1960a98e8

Send Email

in

r!

blog. I am a solid foundation in threat and vulnerability on from ISC2, Certified in n hands-on experience in includes analyzing S/IPS systems, and alies. I am proficient hardening techniques.

/////////3

Creating Web Application Firewall policies

Microsoft Azure

Upgrade

Search resources, services, and docs (G+/)

Copilot

Sign out

DEFAULT DIRECTORY

[Home](#) >

Create a WAF policy ...

Basics

Managed rules

Policy settings

Custom rules

Association

Tags

Review + create

Subscription *

Resource Group *

Subscription

Azure subscription 1

Resource Group

RedTeamRG

Create new

Instance details

Name *

Location *

(Asia Pacific) Australia East

Enable policy

☒

Policy mode

☐ Prevention

Prevention mode takes the corresponding WAF action if a request matches a rule.

☒ Detection

Detection mode monitors and logs all threat alerts to a log file.

Microsoft Azure

Search resources, services, and docs (G+/)

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Sign out

DEFAULT DIRECTORY

[Home](#) >

Create a WAF policy ...

Basics

Managed rules

Policy settings

Custom rules

Association

Tags

Review + create

Malicious attacks such as SQL Injection, Cross Site Scripting (XSS), and other OWASP top 10 threats could cause service outage or data loss, and pose a big threat to web application owners. Web Application Firewall (WAF) protects your web applications from common web attacks, keeps your service available and helps you meet compliance requirements. [Learn more](#)

Project details

Select a subscription to manage deployed resources and costs. Use resource groups like folders to organize and manage all your resources.

Policy for *

☐ Global WAF (Front Door)

☒ Regional WAF (Application Gateway)

Subscription *

Azure subscription 1

Resource Group *

RedTeamRG

Previous

Next

Review + create

Give feedback

Home >

Create a WAF policy ...

BasicsManaged rulesPolicy settingsCustom rulesAssociationTagsReview + create

☒ Regional WAF (Application Gateway)

Subscription * ⓘ

Azure subscription 1

Resource Group *

RedTeamRG

Create new

Instance details

Name * ⓘ

proj1WAF

Location * ⓘ

(Asia Pacific) Australia East

Enable policy ⓘ

☒

Policy mode

☐ Prevention

Prevention mode takes the corresponding WAF action if a request matches a rule.

☒ Detection

Detection mode monitors and logs all threat alerts to a log file.

Home >

Create a WAF policy ...

BasicsManaged rulesPolicy settingsCustom rulesAssociationTagsReview + create

A pre-configured rule set is enabled by default. This rule set protects your web application from common threats defined in the top-ten OWASP categories. The default rule set is managed by the Azure WAF service. Rules are updated as needed for new attack signatures. [Learn more](#)

Default ruleset *

OWASP_3.2

Additional ruleset

Microsoft_BotManagerRuleSet_1.0

☒ Enable ☐ Disable

Filter for any field

Rule group : (All) X

Status : (All) X

Action : (All) X

Showing all 197 items

<input type="checkbox"/>	▼	Rule Id	Description	Action	Status	Rule group	Rule set
	▼	OWASP_3.2 (186)					
<input type="checkbox"/>		200002	Failed to Parse Request Body.	Anomaly score	✔ Enabled	General	OWASP_3.2
<input type="checkbox"/>		200003	Multipart Request Body Strict Validati...	Anomaly score	✔ Enabled	General	OWASP_3.2
<input type="checkbox"/>		200004	Possible Multipart Unmatched Bounda...	Anomaly score	✔ Enabled	General	OWASP_3.2
<input type="checkbox"/>		911100	Method is not allowed by policy	Anomaly score	✔ Enabled	REQUEST-911-METHOD-ENFOR...	OWASP_3.2

Microsoft Azure

Upgrade

Search resources, services, and docs (3/7)

Copilot

DEFAULT DIRECTORY

Home >

Create a WAF policy ...

Basics

Managed rules

Policy settings

Custom rules

Association

Tags

Review + create

<input type="checkbox"/>	200004	Possible Multipart Unmatched Bounda...	Anomaly score	Enabled	General	OWASP_3.2
<input type="checkbox"/>	911100	Method is not allowed by policy	Anomaly score	Enabled	REQUEST-911-METHOD-ENFOR...	OWASP_3.2
<input type="checkbox"/>	913100	Found User-Agent associated with sec...	Anomaly score	Enabled	REQUEST-913-SCANNER-DETEC...	OWASP_3.2
<input type="checkbox"/>	913101	Found User-Agent associated with scri...	Anomaly score	Enabled	REQUEST-913-SCANNER-DETEC...	OWASP_3.2
<input type="checkbox"/>	913102	Found User-Agent associated with we...	Anomaly score	Enabled	REQUEST-913-SCANNER-DETEC...	OWASP_3.2
<input type="checkbox"/>	913110	Found request header associated with...	Anomaly score	Enabled	REQUEST-913-SCANNER-DETEC...	OWASP_3.2
<input type="checkbox"/>	913120	Found request filename/argument ass...	Anomaly score	Enabled	REQUEST-913-SCANNER-DETEC...	OWASP_3.2
<input type="checkbox"/>	920100	Invalid HTTP Request Line	Anomaly score	Enabled	REQUEST-920-PROTOCOL-ENFO...	OWASP_3.2
<input type="checkbox"/>	920120	Attempted multipart/form-data bypass	Anomaly score	Enabled	REQUEST-920-PROTOCOL-ENFO...	OWASP_3.2
<input type="checkbox"/>	920121	Attempted multipart/form-data bypass	Anomaly score	Enabled	REQUEST-920-PROTOCOL-ENFO...	OWASP_3.2
<input type="checkbox"/>	920160	Content-Length HTTP header is not n...	Anomaly score	Enabled	REQUEST-920-PROTOCOL-ENFO...	OWASP_3.2
<input type="checkbox"/>	920170	GET or HEAD Request with Body Cont...	Anomaly score	Enabled	REQUEST-920-PROTOCOL-ENFO...	OWASP_3.2
<input type="checkbox"/>	920171	GET or HEAD Request with Transfer-En...	Anomaly score	Enabled	REQUEST-920-PROTOCOL-ENFO...	OWASP_3.2
<input type="checkbox"/>	920180	POST request missing Content-Length...	Anomaly score	Enabled	REQUEST-920-PROTOCOL-ENFO...	OWASP_3.2

Microsoft Azure

Upgrade

Search resources, services, and docs (3/7)

Copilot

DEFAULT DIRECTORY

Home >

WafPolicyCreateBlade-20241024190838-8 | Overview ...

Deployment

Search

Delete

Cancel

Redeploy

Download

Refresh

Overview

Inputs

Outputs

Template

Deployment is in progress

Deployment name : WafPolicyCreateBlade-20241024190838-8

Subscription : Azure subscription 1

Resource group : RedTeamRG

Start time : 10/24/2024, 7:11:27 PM

Correlation ID : 8f781468-a8ab-4b75-9145-e828494bc6b9

Deployment details

Resource	Type	Status	Operation details
proj1WAF	Application Gateway WAF policy	OK	Operation details

Give feedback

[Tell us about your experience with deployment](#)

Microsoft Defender for Cloud

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Analyzing WAF Rule Sets

Home > WafPolicyCreateBlade-20241024190838-8 | Overview > proj1WAF

proj1WAF | Managed rules

Application Gateway WAF policy

Search

Overview

Activity log

Access control (IAM)

Tags

Settings

Policy settings

Managed rules

Custom rules

Associated application gateways

Sensitive data

Properties

Locks

Monitoring

Automation

Help

Managed Rulesets

Exclusions

A pre-configured rule set is enabled by default. This rule set protects your web application from common threats defined in the top-ten OWASP categories. The default rule set is managed by the Azure WAF service. Rules are updated as needed for new attack signatures. [Learn more](#)

Policy mode is set to Detection. Detection mode monitors and logs all threat alerts if logging is enabled. [Learn more](#)

Assign + Add exclusions Refresh | Enable Disable Change action

Filter for any field Rule group : (All) Status : (All) Action : (All) Group by Rule set

	Rule Id	Description	Action	Status	Exclusions	Rule group	Rule set
		Microsoft_BotManagerRuleSet_1.0 (11)					
		OWASP_3.2 (186)					

Home > WafPolicyCreateBlade-20241024190838-8 | Overview > proj1WAF

proj1WAF | Managed rules

Application Gateway WAF policy

Search

Overview

Activity log

Access control (IAM)

Tags

Settings

Policy settings

Managed rules

Custom rules

Associated application gateways

Sensitive data

Properties

Locks

Monitoring

Automation

Help

Microsoft_BotManagerRuleSet_1.0 (11)

	1...	Malicious bots detected by threat intellig...	Block	Enabled	BadBots	Microsoft_BotManagerRuleS
	1...	Malicious bots that have falsified their ide...	Block	Enabled	BadBots	Microsoft_BotManagerRuleS
	2...	Search engine crawlers	Allow	Enabled	GoodBots	Microsoft_BotManagerRuleS
	2...	Unverified search engine crawlers	Log	Enabled	GoodBots	Microsoft_BotManagerRuleS
	3...	Unspecified identity	Log	Enabled	UnknownBots	Microsoft_BotManagerRuleS
	3...	Tools and frameworks for web crawling a...	Log	Enabled	UnknownBots	Microsoft_BotManagerRuleS
	3...	General purpose HTTP clients and SDKs	Log	Enabled	UnknownBots	Microsoft_BotManagerRuleS
	3...	Service agents	Log	Enabled	UnknownBots	Microsoft_BotManagerRuleS
	3...	Site health monitoring services	Log	Enabled	UnknownBots	Microsoft_BotManagerRuleS

Adding WAF custom ruleset

Home > WafPolicyCreateBlade-20241024190838-8 | Overview > proj1WAF

proj1WAF | Custom rules

Application Gateway WAF policy

Search

Configure a policy with custom-authored rules. Once a rule is matched, the corresponding action defined in the rule is processed further. A smaller integer value for a rule denotes a higher priority. [Learn more](#)

+ Add custom rule Refresh Duplicate in this policy Copy to another policy Remove custom rule

Priority	Name	Rule type	Status

Match type

Geo location

Match variables

Match variable * RemoteAddr

+ Add another match variable

Operation

Is Is not

Country/Region * 3 selected

+ Add new condition

Then Deny traffic

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proj1WAF | Custom rules

Application Gateway WAF policy

Search

Configure a policy with custom-authored rules. Once a rule is matched, the corresponding action defined in the rule is applied to the request. Once such a match is processed, rules with lower priorities are not processed further. A smaller integer value for a rule denotes a higher priority. [Learn more](#)

+ Add custom rule Refresh Duplicate in this policy Copy to another policy Remove custom rule

Priority	Name	Rule type	Status	Action
100	Project1rule	MatchRule	Enabled	Block

Analyzing and Fixing a Security Center Recommendation

Azure Security Center is a management system that provides best practices and recommendations to enhance the security of your cloud resources.

While Azure provides tools to protect your cloud resources, it is up to you to apply the correct configurations and best practices to protect your web application.

Create a resource

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Dashboard

All services

FAVORITES

All resources

Resource groups

Quickstart Center

App Services

Function App

SQL databases

Azure Cosmos DB

Virtual machines

Load balancers

Storage accounts

Virtual networks

Microsoft Entra ID

Monitor

Advisor

Microsoft Defender for Cloud

Upgrade

Cloud

Defender for Cloud | Getting started

Subscription 1

You may be viewing limited information. To get tenant-wide visibility, click here →

Upgrade

Microsoft Defender for Cloud

View

Description

Enhance your cloud security with Microsoft Defender for Cloud, providing comprehensive

Security posture management

Continuous assessment and security recommendations with more, and verify compliance with industry standards

Cloud workload protection for machines

Harden workloads running on Azure, hybrid, and multi-cloud environments. Protections include server EDR, vulnerability scanning, workload hardening, and more.

Advanced threat protection for PaaS

Prevent threats and detect unusual activities on PaaS workloads including App Service plans, Storage accounts, and SQL servers

Microsoft Defender rates will be automatically charged on supported resource types, with a 30-day free trial if not

Microsoft Azure

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Search resources, services, and docs (G+J)

Copilot

nightlorenz@gmail.com

DEFAULT DIRECTORY

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proj1WAF

Application Gateway WAF policy

Search

Disable

Switch to prevention mode

Delete

Refresh

Overview

Activity log

Access control (IAM)

Tags

Settings

Monitoring

Automation

Help

Essentials

Resource group (move) : RedTeamRG

Location : Australia East

Subscription (move) : Azure subscription 1

Subscription ID : 915648c5-6b02-4250-97e7-2857a2023693

Tags (edit) : Add tags

Policy state : Enabled

Policy mode : Detection

Associated application g... : 0

JSON View

Policy settings

Configure multiple settings that apply to all rules within the policy.

Managed rules

Configure Azure managed rule sets that protect your web application from common threats.

Associated application gateways

Associate this WAF policy to one or more application gateways for protection.

Custom rules

Author custom rules to protect your web application from specifically identified threats.

Log scrubbing rules

Add log scrubbing rules to scrub sensitive data in the logs within this policy.

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proj1WAF | Custom rules



Application Gateway WAF policy

Search

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<input type="checkbox"/>	Priority	Name	Rule type	Status	Action	
<input type="checkbox"/>	100	Project1rule	MatchRule	Enabled	Block	

- Overview
- Activity log
- Access control (IAM)
- Tags
- Settings
 - Policy settings
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 - Associated application gateways
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