

Task 1

Microsoft Azure

Search resources, services, and docs (G+)

Copilot

bscs2112104@szabist.pk

All services > Key vaults >

Create a key vault

Key vaults are a cloud service used to manage cryptographic keys and certificates. They are commonly used 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 for Students

Resource group *

(New) MyKeyVaultGroup

Create new

Instance details

Key vault name *

keyvaulttestAliyan

Region *

East US

Pricing tier *

Standard

Recovery options

Soft delete protection will automatically be enabled on this key vault. This feature allows you to recover or permanently delete

Previous

Next

Review + create

Give feedback

Notifications

No new notifications from this session

More events in the activity log

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All services > Key vaults >

Create a key vault

Subscription

Azure for Students

Resource group

MyKeyVaultGroup

Key vault name

keyvaulttestAliyan

Region

East US

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

Azure role-based access control

Networking

Connectivity method

Public endpoint (all networks)

Previous

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Create

Give feedback

Notifications

No new notifications from this session

More events in the activity log

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DEFAULT DIRECTORY

All services >

keyvaulttestAliyan | Overview

Deployment

Search

Delete Cancel Redeploy Download Refresh

Overview

Inputs

Outputs

Template

✔ Your deployment is complete

Deployment name : keyvaulttestAliyan
Subscription : Azure for Students
Resource group : MyKeyVaultGroup
Start time :
Correlation ID : Tee29cb3-1221-494a-a1b6-deaff1fab196

> 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 >

Notifications

More events in the activity log → Dismiss all

✔ Deployment succeeded

Deployment 'keyvaulttestAliyan' to resource group 'MyKeyVaultGroup' was successful.

Go to resource Pin to dashboard

a minute ago

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DEFAULT DIRECTORY

All services >

keyvaulttestAliyan

Key vault

Search

Delete Move Refresh Open in mobile

Overview

Activity log

Access control (IAM)

Tags

Diagnose and solve problems

Access policies

Resource visualizer

Events

Objects

Settings

Monitoring

Automation

Help

Essentials

Resource group (move)
MyKeyVaultGroup

Location
East US

Subscription (move)
Azure for Students

Subscription ID
ea6fc9c7-fe32-4565-b42a-e336c72040d9

Vault URI
https://keyvaulttestaliyan.vault.azure.net/

Sku (Pricing tier)
Standard

Directory ID
c50060a0-dd36-4161-8af6-65cee61eadb0

Directory Name
Default Directory

Soft-delete
Copy to clipboard
Purge protection
Disabled

Tags (edit)
Add tags

JSON View

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.

Notifications

More events in the activity log → Dismiss all

✔ Deployment succeeded

Deployment 'keyvaulttestAliyan' to resource group 'MyKeyVaultGroup' was successful.

Go to resource Pin to dashboard

2 minutes ago

Task 2

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Home > keyvaulttestAliyan | Secrets >

Create a secret

Upload options: Manual

Name: Ali

Secret value: [Redacted]

Content type (optional):

Set activation date: ☐

Set expiration date: ☐

Enabled: Yes

Tags: 0 tags

Create Cancel

Notifications

More events in the activity log → Dismiss all

- Added Role assignment**
Aliyan Pervez(Guest) was added as Key Vault Administrator for keyvaulttestAliyan.
a few seconds ago
- Deployment succeeded**
Deployment 'keyvaulttestAliyan' to resource group 'MyKeyVaultGroup' was successful.
Go to resource Pin to dashboard
49 minutes ago

Microsoft Azure | Search resources, services, and docs (G+)

Home > keyvaulttestAliyan

keyvaulttestAliyan | Secrets

Generate/Import Refresh Restore Backup Manage deleted secrets View sample code

The secret 'Ali' has been successfully created.

Name	Type	Status	Expiration date
Ali		✓ Enabled	

Give feedback

Notifications

More events in the activity log → Dismiss all

- Creating the secret 'Ali'.**
The secret 'Ali' has been successfully created.
a few seconds ago
- Added Role assignment**
Aliyan Pervez(Guest) was added as Key Vault Administrator for keyvaulttestAliyan.
a few seconds ago
- Deployment succeeded**
Deployment 'keyvaulttestAliyan' to resource group 'MyKeyVaultGroup' was successful.
Go to resource Pin to dashboard
50 minutes ago

Microsoft Azure

Search resources, services, and docs (G+)

Copilot

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Home > keyvaulttestAliyan | Secrets >

Ali

Versions

Search

+ New Version Refresh Delete Download Backup

Overview

Access control (IAM)

Version	Status	Activation date	Expiration date
CURRENT VERSION			
b2224e5b906a449aa4da...	✓ Enabled		

Give feedback

Notifications

More events in the activity log →

Dismiss all

Creating the secret 'Ali'.

The secret 'Ali' has been successfully created.

2 minutes ago

Added Role assignment

Aliyan Pervez(Guest) was added as Key Vault Administrator for keyvaulttestAliyan.

3 minutes ago

Deployment succeeded

Deployment 'keyvaulttestAliyan' to resource group 'MyKeyVaultGroup' was successful.

Go to resource Pin to dashboard

52 minutes ago

Microsoft Azure

Search resources, services, and docs (G+)

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Home > keyvaulttestAliyan | Secrets > Ali >

b2224e5b906a449aa4da0400c9024fc6

Secret Version

Secret Identifier

https://keyvaulttestaliyan.vault.azure.net/secrets/Ali/b2224e5b906a44...

Settings

Set activation date

Set expiration date

Enabled

Yes No

Tags

0 tags

Secret

Content type (optional)

Hide Secret Value

Secret value

hVfK396

Notifications

More events in the activity log →

Dismiss all

Creating the secret 'Ali'.

The secret 'Ali' has been successfully created.

7 minutes ago

Added Role assignment

Aliyan Pervez(Guest) was added as Key Vault Administrator for keyvaulttestAliyan.

8 minutes ago

Deployment succeeded

Deployment 'keyvaulttestAliyan' to resource group 'MyKeyVaultGroup' was successful.

Go to resource Pin to dashboard

57 minutes ago

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Home > Resource groups >

MyKeyVaultGroup

Resource group

Search

+ Create Manage view Delete resource group Refresh Export to CSV Open query

Overview

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JSON View

Resources

Recommendations

Filter for any field...

Type equals all

Location equals all

Add filter

Showing 0 to 0 of 0 records.

Show hidden types

No grouping

List view

Name

Type

Location

No resources match your filters

Try changing or clearing your filters.

Create resources Clear filters

Give feedback

Notifications

More events in the activity log →

Dismiss all

Deleted resource group MyKeyVaultGroup

Deleted resource group MyKeyVaultGroup

a few seconds ago

Creating the secret 'Ali'.

The secret 'Ali' has been successfully created.

22 minutes ago

Added Role assignment

Aliyan Pervez(Guest) was added as Key Vault Administrator for keyvaulttestAliyan.

23 minutes ago

Deployment succeeded

Deployment 'keyvaulttestAliyan' to resource group 'MyKeyVaultGroup' was successful.

Go to resource Pin to dashboard

an hour ago