



Windows PowerShell Get-Help on Cmdlet 'Get-AzKeyVault'

PS:\>Get-HELP Get-AzKeyVault -Full

NAME

Get-AzKeyVault

SYNOPSIS

Gets key vaults.

SYNTAX

```
Get-AzKeyVault [-VaultName] <System.String> [-Location] <System.String> [-DefaultProfile
    <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] -InRemovedState
[-SubscriptionId <System.String>] [<CommonParameters>]
```

```
Get-AzKeyVault [-VaultName] <System.String> [-ResourceGroupName] <System.String> [-DefaultProfile
    <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] -InRemovedState
[-SubscriptionId
    <System.String>] [<CommonParameters>]
```

```
Get-AzKeyVault [[-VaultName] <System.String>] [[-ResourceGroupName] <System.String>] [-DefaultProfile
    <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-SubscriptionId
    <System.String>] [-Tag <System.Collections.Hashtable>]
```

[<CommonParameters>]

DESCRIPTION

The Get-AzKeyVault cmdlet gets information about the key vaults in a subscription. You can view all key vaults instances in a subscription, or filter your results by

a resource group or a particular key vault. Note that although specifying the resource group is optional for this cmdlet when you get a single key vault, you should do so for better performance.

The cmdlet may call below Microsoft Graph API according to input parameters:

- GET /directoryObjects/{id}

- GET /users/{id}

- GET /servicePrincipals/{id}

- GET /groups/{id}

PARAMETERS

-DefaultProfile <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>

The credentials, account, tenant, and subscription used for communication with azure

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-InRemovedState <System.Management.Automation.SwitchParameter>

Specifies whether to show the previously deleted vaults in the output.

Required? true
Position? named
Default value False
Accept pipeline input? False
Accept wildcard characters? false

-Location <System.String>

The location of the deleted vault.

Required? true
Position? 1
Default value None
Accept pipeline input? True (ByPropertyName)
Accept wildcard characters? false

-ResourceGroupName <System.String>

Specifies the name of the resource group associated with the key vault or key vaults being queried.

Required? false
Position? 1
Default value None
Accept pipeline input? True (ByPropertyName)
Accept wildcard characters? true

-SubscriptionId <System.String>

The ID of the subscription. By default, cmdlets are executed in the subscription that is set in the current context. If the user specifies another subscription,

the current cmdlet is executed in the subscription specified by the user. Overriding subscriptions only take effect during the lifecycle of the current cmdlet. It

does not change the subscription in the context, and does not affect subsequent cmdlets.

Required? false

Position? named
Default value None
Accept pipeline input? True (ByPropertyName)
Accept wildcard characters? false

-Tag <System.Collections.Hashtable>

Key-value pairs in the form of a hash table. For example: @{key0="value0";key1=\$null;key2="value2"}

Required? false
Position? named
Default value None
Accept pipeline input? True (ByPropertyName)
Accept wildcard characters? false

-VaultName <System.String>

Specifies the name of the key vault.

Required? false
Position? 0
Default value None
Accept pipeline input? True (ByPropertyName)
Accept wildcard characters? true

<CommonParameters>

This cmdlet supports the common parameters: Verbose, Debug, ErrorAction, ErrorVariable, WarningAction, WarningVariable, OutBuffer, PipelineVariable, and OutVariable. For more information, see [about_CommonParameters](https://go.microsoft.com/fwlink/?LinkID=113216) (<https://go.microsoft.com/fwlink/?LinkID=113216>).

INPUTS

System.String

System.Collections.Hashtable

OUTPUTS

Microsoft.Azure.Commands.KeyVault.Models.PSKeyVault

Microsoft.Azure.Commands.KeyVault.Models.PSKeyVaultIdentityItem

Microsoft.Azure.Commands.KeyVault.Models.PSDeletedKeyVault

NOTES

-- Example 1: Get all key vaults in your current subscription --

Get-AzKeyVault

Vault Name : myvault1

Resource Group Name : myrg

Location : westus

Resource ID : /subscriptions/xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxxxx/resourceGroups/myrg/providers/Microsoft.KeyVault/vaults/myvault1

Tags :

Vault Name : myvault2

Resource Group Name : myrg1

Location : westus

Resource ID : /subscriptions/xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxxxx/resourceGroups/myrg1/providers/Microsoft.KeyVault/vaults/myvault2

Tags :

Vault Name : myvault3

Resource Group Name : myrg1

Location : westus

Resource ID : /subscriptions/xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxxxx/resourceGroups/myrg1/providers/Microsoft.KeyVault/vaults/myvault3

Tags :

This command gets all the key vaults in your current subscription.

----- Example 2: Get a specific key vault -----

Get-AzKeyVault -VaultName 'myvault'

Vault Name : myvault

Resource Group Name : myrg

Location : westus

Resource ID : /subscriptions/xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxxxx/resourceGroups/myrg/providers/Microsoft.KeyVault/vaults/myvault

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

Tenant ID : xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxxxx

SKU : Standard

Enabled For Deployment? : True

Enabled For Template Deployment? : True

Enabled For Disk Encryption? : False

Soft Delete Enabled? : True

Access Policies :

Tenant ID : xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxxxx
Object ID : xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxxxx
Application ID :
Display Name : User Name (username@microsoft.com)
Permissions to Keys : get, create, delete, list, update,
import, backup, restore, recover
Permissions to Secrets : get, list, set, delete, backup,
restore, recover
Permissions to Certificates : get, delete, list, create, import,
update, deleteissuers, getissuers, listissuers, managecontacts, manageissuers,
setissuers, recover
Permissions to (Key Vault Managed) Storage : delete, deletesas, get, getsas, list,
listsas, regeneratekey, set, setsas, update

Tags :

This command gets the key vault named myvault in your current subscription.

----- Example 3: Get key vaults in a resource group -----

```
Get-AzKeyVault -ResourceGroupName 'myrg1'
```

Vault Name : myvault2

Resource Group Name : myrg1

Location : westus

Resource ID : /subscriptions/xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxxxx/resourceGroups/myrg1/providers/Microsoft.KeyVault/vaults/myvault2

Tags :

Vault Name : myvault3

Resource Group Name : myrg1

Location : westus

Resource ID : /subscriptions/xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxxxx/resourceGroups/myrg1/providers/Microsoft.KeyVault/vaults/myvault3

Tags :

This command gets all the key vaults in the resource group named ContosoPayRollResourceGroup.

Example 4: Get all deleted key vaults in your current subscription

Get-AzKeyVault -InRemovedState

Vault Name : myvault4

Location : westus

Id : /subscriptions/xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxxxx/providers/Microsoft.KeyVault/locations/westus/deletedVaults/myvault4

Resource ID : /subscriptions/xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxxxx/resourceGroups/myrg/providers/Microsoft.KeyVault/vaults/myvault4

Deletion Date : 5/24/2018 9:33:24 PM

Scheduled Purge Date : 8/22/2018 9:33:24 PM

Tags :

This command gets all the deleted key vaults in your current subscription.

----- Example 5: Get a deleted key vault -----

Get-AzKeyVault -VaultName 'myvault4' -Location 'westus' -InRemovedState

Vault Name : myvault4

Location : westus

Id : /subscriptions/xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxxxx/providers/Microsoft.KeyVault/locations/westus/deletedVaults/myvault4

Resource ID : /subscriptions/xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxxxx/resourceGroups/myrg/providers/Microsoft.KeyVault/vaults/myvault4

eyVault/vaults/myvault4

Deletion Date : 5/24/2018 9:33:24 PM

Scheduled Purge Date : 8/22/2018 9:33:24 PM

Tags :

This command gets the deleted key vault information named myvault4 in your current subscription and in westus region.

----- Example 6: Get key vaults using filtering -----

```
Get-AzKeyVault -VaultName 'myvault*'
```

Vault Name : myvault2

Resource Group Name : myrg1

Location : westus

Resource ID : /subscriptions/xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxxxx/resourceGroups/myrg1/providers/Microsoft.KeyVault/vaults/myvault2

Tags :

Vault Name : myvault3

Resource Group Name : myrg1

Location : westus

Resource ID : /subscriptions/xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxxxx/resourceGroups/myrg1/providers/Microsoft.KeyVault/vaults/myvault3

Tags :

This command gets all the key vaults in the subscription that start with "myvault".

RELATED LINKS

Online Version: <https://learn.microsoft.com/powershell/module/az.keyvault/get-azkeyvault>

New-AzKeyVault

