



Windows PowerShell Get-Help on Cmdlet 'Remove-AzKeyVaultSecret'

PS:\>Get-HELP Remove-AzKeyVaultSecret -Full

NAME

Remove-AzKeyVaultSecret

SYNOPSIS

Deletes a secret in a key vault.

SYNTAX

```
Remove-AzKeyVaultSecret [-InputObject] <Microsoft.Azure.Commands.KeyVault.Models.PSKeyVaultSecretIdentityItem>
[-DefaultProfile
    <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-Force]
[-InRemovedState] [-PassThru] [-Confirm] [-WhatIf]
[<CommonParameters>]

Remove-AzKeyVaultSecret [-VaultName] <System.String> [-Name] <System.String> [-DefaultProfile
    <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-Force]
[-InRemovedState] [-PassThru] [-Confirm] [-WhatIf]
[<CommonParameters>]
```

DESCRIPTION

The Remove-AzKeyVaultSecret cmdlet deletes a secret in a key vault. If the secret was accidentally deleted the secret can be recovered using

Undo-AzKeyVaultSecretRemoval by a user with special 'recover' permissions. This cmdlet has a value of high for the ConfirmImpact property.

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

-Force <System.Management.Automation.SwitchParameter>

Forces the command to run without asking for user confirmation.

Required? false

Position? named

Default value False

Accept pipeline input? False

Accept wildcard characters? false

-InputObject <Microsoft.Azure.Commands.KeyVault.Models.PSKeyVaultSecretIdentityItem>

Key Vault Secret Object

Required? true

Position? 0

Default value None

Accept pipeline input? True (ByValue)

Accept wildcard characters? false

-InRemovedState <System.Management.Automation.SwitchParameter>

If present, removes the previously deleted secret permanently.

Required? false

Position? named

Default value False

Accept pipeline input? False

Accept wildcard characters? false

-Name <System.String>

Specifies the name of a secret. This cmdlet constructs the fully qualified domain name (FQDN) of a secret based on the name that this parameter specifies, the name of the key vault, and your current environment.

Required? true

Position? 1

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-PassThru <System.Management.Automation.SwitchParameter>

Indicates that this cmdlet returns a Microsoft.Azure.Commands.KeyVault.Models.Secret object. By default, this cmdlet does not generate any output.

Required? false

Position? named

Default value False

Accept pipeline input? False

Accept wildcard characters? false

-VaultName <System.String>

Specifies the name of the key vault to which the secret belongs. This cmdlet constructs the FQDN of a key vault based on the name that this parameter specifies and your current environment.

Required?	true
Position?	0
Default value	None
Accept pipeline input?	False
Accept wildcard characters?	false

-Confirm <System.Management.Automation.SwitchParameter>

Prompts you for confirmation before running the cmdlet.

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

-WhatIf <System.Management.Automation.SwitchParameter>

Shows what would happen if the cmdlet runs. The cmdlet is not run. Shows what would happen if the cmdlet runs. The cmdlet is not run.

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

<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>).

INPUTS

Microsoft.Azure.Commands.KeyVault.Models.PSKeyVaultSecretIdentityItem

OUTPUTS

Microsoft.Azure.Commands.KeyVault.Models.PSDeletedKeyVaultSecret

NOTES

----- Example 1: Remove a secret from a key vault -----

Remove-AzKeyVaultSecret -VaultName 'Contoso' -Name 'FinanceSecret' -PassThru

Vault Name : Contoso

Name : FinanceSecret

Version : f622abc7b1394092812f1eb0f85dc91c

Id : https://contoso.vault.azure.net:443/secrets/financesecret/f622abc7b1394092812f1eb0f85dc91c

Deleted Date : 5/25/2018 4:45:34 PM

Scheduled Purge Date : 8/23/2018 4:45:34 PM

Enabled : True

Expires :

Not Before :

Created : 4/19/2018 5:56:02 PM

Updated : 4/26/2018 7:48:40 PM

Content Type :

Tags :

This command removes the secret named FinanceSecret from the key vault named Contoso.'

Example 2: Remove a secret from a key vault without user confirmation

Remove-AzKeyVaultSecret -VaultName 'Contoso' -Name 'FinanceSecret' -PassThru -Force

Vault Name : Contoso
Name : FinanceSecret
Version : f622abc7b1394092812f1eb0f85dc91c
Id : https://contoso.vault.azure.net:443/secrets/financesecret/f622abc7b1394092812f1eb0f85dc91c
Deleted Date : 5/25/2018 4:45:34 PM
Scheduled Purge Date : 8/23/2018 4:45:34 PM
Enabled : True
Expires :
Not Before :
Created : 4/19/2018 5:56:02 PM
Updated : 4/26/2018 7:48:40 PM
Content Type :
Tags :

This command removes the secret named FinanceSecret from the key vault named Contoso. The command specifies the Force and Confirm parameters, and, therefore, the cmdlet does not prompt you for confirmation.

Example 3: Remove a secret in Azure Key Vault by command Remove-Secret in module Microsoft.PowerShell.SecretManagement

```
# Install module Microsoft.PowerShell.SecretManagement
```

```
Install-Module Microsoft.PowerShell.SecretManagement -Repository PSGallery -AllowPrerelease
```

Register vault for Secret Management

```
Register-SecretVault -Name AzKeyVault -ModuleName Az.KeyVault -VaultParameters @{ AZKVaultName = 'test-kv';  
SubscriptionId = 'xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxxxx' }
```

Set secret for vault AzKeyVault

```
$secure = ConvertTo-SecureString -String "Password" -AsPlainText -Force
```

```
Set-Secret -Vault AzKeyVault -Name secureSecret -SecureStringSecret $secure
```

```
Remove-Secret -Vault AzKeyVault -Name secureSecret
```

None

This example removes a secret named `secureSecret` in Azure Key Vault `test-kv` by command `Remove-Secret` in module `Microsoft.PowerShell.SecretManagement`.

Example 4: Purge deleted secret from the key vault permanently

```
Remove-AzKeyVaultSecret -VaultName 'Contoso' -Name 'FinanceSecret' -InRemovedState
```

This command removes the secret named FinanceSecret from the key vault named Contoso permanently. Executing this cmdlet requires the 'purge' permission, which must have been previously and explicitly granted to the user for this key vault.

RELATED LINKS

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

Get-AzKeyVaultSecret

Set-AzKeyVaultSecret

Undo-AzKeyVaultSecretRemoval