



## Windows PowerShell Get-Help on Cmdlet 'Remove-AzKeyVaultKey'

**PS:\>Get-HELP Remove-AzKeyVaultKey -Full**

### NAME

Remove-AzKeyVaultKey

### SYNOPSIS

Deletes a key in a key vault.

### SYNTAX

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

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

```
Remove-AzKeyVaultKey [-VaultName] <System.String> [-Name] <System.String> [-DefaultProfile
```

```
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-Force]
```

[-InRemovedState] [-PassThru] [-Confirm] [-WhatIf]

[<CommonParameters>]

## DESCRIPTION

The Remove-AzKeyVaultKey cmdlet deletes a key in a key vault. If the key was accidentally deleted the key can be recovered using Undo-AzKeyVaultKeyRemoval 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

-HsmName <System.String>

HSM name. Cmdlet constructs the FQDN of a managed HSM based on the name and currently selected environment.

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

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

KeyBundle Object

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

-InRemovedState <System.Management.Automation.SwitchParameter>

Remove the previously deleted key permanently.

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

-Name <System.String>

Specifies the name of the key to remove. This cmdlet constructs the fully qualified domain name (FQDN) of a key 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.PSKeyVaultKey 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 from which to remove the key. 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 \(https://go.microsoft.com/fwlink/?LinkID=113216\)](https://go.microsoft.com/fwlink/?LinkID=113216).

## INPUTS

Microsoft.Azure.Commands.KeyVault.Models.PSKeyVaultKeyIdentityItem

## OUTPUTS

Microsoft.Azure.Commands.KeyVault.Models.PSDeletedKeyVaultKey

## NOTES

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

Remove-AzKeyVaultKey -VaultName 'Contoso' -Name 'ITSoftware' -PassThru

Vault Name : contoso  
Name : key2  
Id : https://contoso.vault.azure.net:443/keys/itsoftware/fdad15793ba0437e960497908ef9eb32  
Deleted Date : 5/24/2018 11:28:25 PM  
Scheduled Purge Date : 8/22/2018 11:28:25 PM  
Enabled : False  
Expires : 10/11/2018 11:32:49 PM  
Not Before : 4/11/2018 11:22:49 PM  
Created : 4/12/2018 10:16:38 PM  
Updated : 4/12/2018 10:16:38 PM  
Purge Disabled : False  
Tags :

This command removes the key named ITSoftware from the key vault named Contoso.

----- Example 2: Remove a key without user confirmation -----

```
Remove-AzKeyVaultKey -VaultName 'Contoso' -Name 'ITSoftware' -Force
```

This command removes the key named ITSoftware from the key vault named Contoso. The command specifies the Force parameter, and, therefore, the cmdlet does not prompt you for confirmation.

Example 3: Purge a deleted key from the key vault permanently

```
Remove-AzKeyVaultKey -VaultName 'Contoso' -Name 'ITSoftware' -InRemovedState
```

This command removes the key named ITSoftware 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.

---- Example 4: Remove keys by using the pipeline operator ----

```
Get-AzKeyVaultKey -VaultName 'Contoso' | Where-Object {$_.Attributes.Enabled -eq $False} | Remove-AzKeyVaultKey
```

This command gets all the keys in the key vault named Contoso, and passes them to the Where-Object cmdlet by using the pipeline operator. That cmdlet passes the keys

that have a value of \$False for the Enabled attribute to the current cmdlet. That cmdlet removes those keys.

## RELATED LINKS

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

[Add-AzKeyVaultKey](#)

[Get-AzKeyVaultKey](#)

[Undo-AzKeyVaultKeyRemoval](#)