



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

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

NAME

Remove-AzKeyVaultAccessPolicy

SYNOPSIS

Removes all permissions for a user or application from a key vault.

SYNTAX

```
Remove-AzKeyVaultAccessPolicy [-VaultName] <System.String> [[-ResourceGroupName] <System.String>]
[-ApplicationId <System.Nullable`1[System.Guid]>] [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] -ObjectId
<System.String> [-PassThru] [-SubscriptionId <System.String>]
[-Confirm] [-WhatIf] [<CommonParameters>]
```

```
Remove-AzKeyVaultAccessPolicy [-InputObject] <Microsoft.Azure.Commands.KeyVault.Models.PSKeyVault>
[-ApplicationId <System.Nullable`1[System.Guid]>] [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] -ObjectId
<System.String> [-PassThru] [-SubscriptionId <System.String>]
[-Confirm] [-WhatIf] [<CommonParameters>]
```

```
Remove-AzKeyVaultAccessPolicy [-ResourceId] <System.String> [-ApplicationId <System.Nullable`1[System.Guid]>]
[-DefaultProfile
    <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] -ObjectId
<System.String> [-PassThru] [-SubscriptionId <System.String>]
[-Confirm] [-WhatIf] [<CommonParameters>]
```

```
Remove-AzKeyVaultAccessPolicy [-VaultName] <System.String> [[-ResourceGroupName] <System.String>]
[-DefaultProfile
    <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] -EmailAddress
<System.String> [-PassThru] [-SubscriptionId <System.String>]
[-Confirm] [-WhatIf] [<CommonParameters>]
```

```
Remove-AzKeyVaultAccessPolicy [-InputObject] <Microsoft.Azure.Commands.KeyVault.Models.PSKeyVault>
[-DefaultProfile
    <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] -EmailAddress
<System.String> [-PassThru] [-SubscriptionId <System.String>]
[-Confirm] [-WhatIf] [<CommonParameters>]
```

```
Remove-AzKeyVaultAccessPolicy [-ResourceId] <System.String> [-DefaultProfile
    <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] -EmailAddress
<System.String> [-PassThru] [-SubscriptionId <System.String>]
[-Confirm] [-WhatIf] [<CommonParameters>]
```

```
Remove-AzKeyVaultAccessPolicy [-VaultName] <System.String> [[-ResourceGroupName] <System.String>]
[-DefaultProfile
    <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]
[-EnabledForDeployment] [-EnabledForDiskEncryption]
    [-EnabledForTemplateDeployment] [-PassThru] [-SubscriptionId <System.String>] [-Confirm] [-WhatIf]
    [<CommonParameters>]
```

```
Remove-AzKeyVaultAccessPolicy [-InputObject] <Microsoft.Azure.Commands.KeyVault.Models.PSKeyVault>
[-DefaultProfile
    <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]
```

[-EnabledForDeployment] [-EnabledForDiskEncryption]
[-EnabledForTemplateDeployment] [-PassThru] [-SubscriptionId <System.String>] [-Confirm] [-WhatIf]
[<CommonParameters>]

Remove-AzKeyVaultAccessPolicy [-ResourceId] <System.String> [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]
[-EnabledForDeployment] [-EnabledForDiskEncryption]
[-EnabledForTemplateDeployment] [-PassThru] [-SubscriptionId <System.String>] [-Confirm] [-WhatIf]
[<CommonParameters>]

Remove-AzKeyVaultAccessPolicy [-InputObject] <Microsoft.Azure.Commands.KeyVault.Models.PSKeyVault>
[-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-PassThru]
-ServicePrincipalName <System.String> [-SubscriptionId
<System.String>] [-Confirm] [-WhatIf] [<CommonParameters>]

Remove-AzKeyVaultAccessPolicy [-InputObject] <Microsoft.Azure.Commands.KeyVault.Models.PSKeyVault>
[-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-PassThru]
[-SubscriptionId <System.String>] -UserPrincipalName
<System.String> [-Confirm] [-WhatIf] [<CommonParameters>]

Remove-AzKeyVaultAccessPolicy [-VaultName] <System.String> [[-ResourceGroupName] <System.String>]
[-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-PassThru]
[-SubscriptionId <System.String>] -UserPrincipalName
<System.String> [-Confirm] [-WhatIf] [<CommonParameters>]

Remove-AzKeyVaultAccessPolicy [-VaultName] <System.String> [[-ResourceGroupName] <System.String>]
[-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-PassThru]
-ServicePrincipalName <System.String> [-SubscriptionId
<System.String>] [-Confirm] [-WhatIf] [<CommonParameters>]

```
Remove-AzKeyVaultAccessPolicy [-ResourceId] <System.String> [-DefaultProfile  
    <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-PassThru]  
-ServicePrincipalName <System.String> [-SubscriptionId  
    <System.String>] [-Confirm] [-WhatIf] [<CommonParameters>]
```

```
Remove-AzKeyVaultAccessPolicy [-ResourceId] <System.String> [-DefaultProfile  
    <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-PassThru]  
[-SubscriptionId <System.String>] -UserPrincipalName  
    <System.String> [-Confirm] [-WhatIf] [<CommonParameters>]
```

DESCRIPTION

The Remove-AzKeyVaultAccessPolicy cmdlet removes all permissions for a user or application or for all users and applications from a key vault. Even if you remove all

permissions, the owner of the Azure subscription that contains the key vault can add permissions to the key vault. Note that although specifying the resource group is

optional for this cmdlet, 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 /users

- GET /servicePrincipals/{id}

- GET /servicePrincipals

- GET /groups/{id}

PARAMETERS

-ApplicationId <System.Nullable`1[System.Guid]>

Specifies the ID of application whose permissions should be removed

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-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

-EmailAddress <System.String>

Specifies the user email address of the user whose access you want to remove.

Required? true

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-EnabledForDeployment <System.Management.Automation.SwitchParameter>

If specified, disables the retrieval of secrets from this key vault by the Microsoft.Compute resource provider when referenced in resource creation.

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

-EnabledForDiskEncryption <System.Management.Automation.SwitchParameter>

If specified, disables the retrieval of secrets from this key vault by Azure Disk Encryption.

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

-EnabledForTemplateDeployment <System.Management.Automation.SwitchParameter>

If specified, disables the retrieval of secrets from this key vault by Azure Resource Manager when referenced in templates.

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

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

Key Vault object.

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

-ObjectId <System.String>

Specifies the object ID of the user or service principal in Microsoft Entra ID for which to remove permissions.

Required? true

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-PassThru <System.Management.Automation.SwitchParameter>

Returns an object representing the item with which you are working. By default, this cmdlet does not generate any output.

Required? false

Position? named

Default value False

Accept pipeline input? False

Accept wildcard characters? false

-ResourceGroupName <System.String>

Specifies the name of the resource group associated with the key vault whose access policy is being modified. If not specified, this cmdlet searches for the key vault in the current subscription.

Required? false

Position? 1

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-ResourceId <System.String>

KeyVault Resource Id.

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

-ServicePrincipalName <System.String>

Specifies the service principal name of the application whose permissions you want to remove. Specify the application ID, also known as client ID, registered for the application in Microsoft Entra ID.

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

-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

-UserPrincipalName <System.String>

Specifies the user principal name of the user whose access you want to remove.

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

-VaultName <System.String>

Specifies the name of the key vault. This cmdlet removes permissions for the key vault that this parameter specifies.

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.

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.PSKeyVault

System.String

OUTPUTS

Microsoft.Azure.Commands.KeyVault.Models.PSKeyVault

NOTES

----- Example 1: Remove permissions for a user -----

```
Remove-AzKeyVaultAccessPolicy -VaultName 'Contoso03Vault' -UserPrincipalName 'PattiFuller@contoso.com'  
-PassThru
```

Vault Name : Contoso03Vault

Resource Group Name : myrg

Location : westus

Resource ID : /subscriptions/xxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxx/resourceGroups/myrg/providers/Microsoft.KeyVault/vaults/contoso03vault

Vault URI : https://contoso03vault.vault.azure.net/

Tenant ID : xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxx

SKU : Standard

Enabled For Deployment? : False

Enabled For Template Deployment? : False

Enabled For Disk Encryption? : False

Soft Delete Enabled? :

Access Policies :

Tenant ID : xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxx

Object ID : xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxx

Application ID :

Display Name : User Name (username@microsoft.com)

Permissions to Keys :

Permissions to Secrets :

Permissions to Certificates : get, create

Permissions to (Key Vault Managed) Storage :

Network Rule Set :

Default Action : Allow

Bypass : AzureServices

IP Rules :

Virtual Network Rules :

Tags :

This command removes all the permissions that a user PattiFuller@contoso.com has on the key vault named Contoso03Vault. If -PassThru is specified, the KeyVault object is returned.

----- Example 2: Remove permissions for an application -----

```
Remove-AzKeyVaultAccessPolicy -VaultName 'Contoso03Vault' -ServicePrincipalName 'http://payroll.contoso.com'
```

This command removes all the permissions that an application has on the key vault named Contoso03Vault. This example identifies the application by using the service

principal name registered in Microsoft Entra ID, `http://payroll.contoso.com`.

Example 3: Remove permissions for an application by using its object ID

```
Remove-AzKeyVaultAccessPolicy -VaultName 'Contoso03Vault' -ObjectID 34595082-9346-41b6-8d6b-295a2808b8db
```

This command removes all the permissions that an application has on the key vault named Contoso03Vault. This example identifies the application by the object ID of

the service principal.

Example 4: Remove permissions for the Microsoft.Compute resource provider

```
Remove-AzKeyVaultAccessPolicy -VaultName 'Contoso03Vault' -ResourceGroupName 'Group14'  
-EnabledForDeployment
```

This command removes permission for the Microsoft.Compute resource provider to get secrets from the Contoso03Vault.

RELATED LINKS

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

Set-AzKeyVaultAccessPolicy