



Windows PowerShell Get-Help on Cmdlet 'Update-AzRecoveryServicesVault'

PS:\>Get-HELP Update-AzRecoveryServicesVault -Full

NAME

Update-AzRecoveryServicesVault

SYNOPSIS

Updates MSIidentity to the recovery services vault.

SYNTAX

```
Update-AzRecoveryServicesVault [-ResourceGroupName] <System.String> [-Name] <System.String>
[-CrossSubscriptionRestoreState {Enabled | Disabled |
                                                                    PermanentlyDisabled}] [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]
[-DisableAzureMonitorAlertsForJobFailure <System.Nullable`1[System.Boolean]>] [-DisableClassicAlerts
<System.Nullable`1[System.Boolean]>] [-IdentityId
<System.String[]>] -IdentityType {SystemAssigned | None | UserAssigned} [-ImmutabilityState {Disabled | Unlocked |
Locked}] [-PublicNetworkAccess {Enabled |
Disabled}] [-Token <System.String>] [-Confirm] [-WhatIf] [<CommonParameters>]
```

```
Update-AzRecoveryServicesVault [-ResourceGroupName] <System.String> [-Name] <System.String>
[-CrossSubscriptionRestoreState {Enabled | Disabled |
```

PermanentlyDisabled}}

[-DefaultProfile

<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]

[-DisableAzureMonitorAlertsForJobFailure <System.Nullable`1[System.Boolean]>] [-DisableClassicAlerts

<System.Nullable`1[System.Boolean]>] [-IdentityId

<System.String[]>] [-ImmutabilityState {Disabled | Unlocked | Locked}] [-PublicNetworkAccess {Enabled | Disabled}]

[-RemoveSystemAssigned] [-RemoveUserAssigned]

[-Token <System.String>] [-Confirm] [-WhatIf] [<CommonParameters>]

DESCRIPTION

This cmdlet is used to add or remove the MSI from the recovery services vault. Use -IdentityType param to add a SystemAssigned/UserAssigned identity to the RSVault.

Use RemoveSystemAssigned/RemoveUserAssigned switch to remove the MSI from the vault.

PARAMETERS

-CrossSubscriptionRestoreState

<System.Nullable`1[Microsoft.Azure.Commands.RecoveryServices.CrossSubscriptionRestoreState]>

Cross subscription restore state of the vault. Allowed values are "Enabled", "Disabled", "PermanentlyDisabled".

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

-DisableAzureMonitorAlertsForJobFailure <System.Nullable`1[System.Boolean]>

Boolean paramter to specify whether built-in Azure Monitor alerts should be received for every job failure.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-DisableClassicAlerts <System.Nullable`1[System.Boolean]>

Boolean paramter to specify whether backup alerts from the classic solution should be disabled or enabled.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-IdentityId <System.String[]>

ARM Ids of the UserAssigned Identity to be added/removed. This is a comma separated list of Identity Ids.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-IdentityType <Microsoft.Azure.Commands.RecoveryServices.MSIdentity>

The MSI type assigned to Recovery Services Vault.

Required? true

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

-ImmutabilityState <System.Nullable`1[Microsoft.Azure.Commands.RecoveryServices.ImmutabilityState]>

Immutability State of the vault. Allowed values are "Disabled", "Unlocked", "Locked". Unlocked means Enabled and can be changed, Locked means Enabled and can't be changed.

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

-Name <System.String>

Specifies the name of the recovery services vault to update.

Required? true
Position? 2
Default value None
Accept pipeline input? False
Accept wildcard characters? false

-PublicNetworkAccess <System.Nullable`1[Microsoft.Azure.Commands.RecoveryServices.PublicNetworkAccess]>

Parameter to Enable/Disable public network access of the vault. This setting is useful with Private Endpoints.

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

-RemoveSystemAssigned <System.Management.Automation.SwitchParameter>

Provide this switch to remove SystemAssigned Identity from the vault.

Required? false

Position? named

Default value False

Accept pipeline input? False

Accept wildcard characters? false

-RemoveUserAssigned <System.Management.Automation.SwitchParameter>

Provide this switch to remove UserAssigned Identity from the vault. Also, provide IdentityId parameter along with this switch.

Required? false

Position? named

Default value False

Accept pipeline input? False

Accept wildcard characters? false

-ResourceGroupName <System.String>

Specifies the name of the Azure resource group where recovery services vault is present.

Required? true

Position? 1

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-Token <System.String>

Parameter to authorize operations protected by cross tenant resource guard. Use command (Get-AzAccessToken

-TenantId "xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxxx").Token

to fetch authorization token for different tenant

Required? false
Position? named
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

System.String

OUTPUTS

Microsoft.Azure.Management.RecoveryServices.Models.Vault

NOTES

Example 1: Add SystemAssigned identity to the recovery services vault

```
Update-AzRecoveryServicesVault -ResourceGroupName "rgName" -Name "vaultName" -IdentityType SystemAssigned
```

This cmdlet is used to add a SystemAssigned identity to a recovery services vault.

Example 2: Add UserAssigned identity to the recovery services vault

```
$vault = Get-AzRecoveryServicesVault -Name "vaultName" -ResourceGroupName "resourceGroupName"
$identity1 = Get-AzUserAssignedIdentity -ResourceGroupName "resourceGroupName" -Name "UserIdentity1"
$identity2 = Get-AzUserAssignedIdentity -ResourceGroupName "resourceGroupName" -Name "UserIdentity2"
$updatedVault = Update-AzRecoveryServicesVault -ResourceGroupName $vault.ResourceGroupName -Name
$vault.Name -IdentityType UserAssigned -IdentityId $identity1.Id,
$identity2.Id
$updatedVault.Identity | Format-List
```

PrincipalId :

TenantId : xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxx

Type : UserAssigned

UserAssignedIdentities :

```
{[/subscriptions/xxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxx/resourceGroups/resourceGroupName/providers/Microsoft.ManagedIdentity/userAssignedIdentities/UserIdentity1,  
    Microsoft.Azure.Management.RecoveryServices.Models.UserIdentity],  
  
[/subscriptions/xxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxx/resourceGroups/resourceGroupName/providers/Microsoft.ManagedIdentity/userAssignedIdentities/UserIdentity2,  
    Microsoft.Azure.Management.RecoveryServices.Models.UserIdentity]}
```

The first cmdlet fetches the recovery services vault. The second and third cmdlet fetches the user created MSIs. The fourth cmdlet adds the user MSIs to the vault.

The fifth cmdlet shows the Identities added to the vault.

Example 3: Remove SystemAssigned and UserAssigned identities from the vault

```
$vault = Get-AzRecoveryServicesVault -Name "vaultName" -ResourceGroupName "resourceGroupName"  
$updatedVault = Update-AzRecoveryServicesVault -ResourceGroupName $vault.ResourceGroupName -Name $vault.Name -RemoveSystemAssigned  
$AllUserIdentities = $vault.Identity.UserAssignedIdentities.Keys | ForEach-Object {$_  
$updatedVault = Update-AzRecoveryServicesVault -ResourceGroupName $vault.ResourceGroupName -Name $vault.Name -RemoveUserAssigned -IdentityId $AllUserIdentities  
$updatedVault.Identity | Format-List
```

PrincipalId :
TenantId :
Type : None
UserAssignedIdentities :

The first cmdlet fetches the recovery services vault. The second cmdlet removes the SystemAssigned identity from the vault. The third cmdlet fetches all the user MSIs

as a list from the vault. The fourth cmdlet removes all the user MSIs from the vault. In case you want, you can provide selected user identities to be removed as

comma separated, like in previous example. The fifth cmdlet shows the identities in the vault, as we removed all the identities, Type is displayed as None.

Example 4: Update PublicNetworkAccess, ImmutabilityState of recovery services vault

```
$vault = Get-AzRecoveryServicesVault -Name "vaultName" -ResourceGroupName "resourceGroupName"

$updatedVault = Update-AzRecoveryServicesVault -ResourceGroupName $vault.ResourceGroupName -Name
$vault.Name -PublicNetworkAccess "Disabled" -ImmutabilityState
"Unlocked"

$updatedVault.Properties.PublicNetworkAccess

$updatedVault.Properties.ImmutabilitySettings.ImmutabilityState

Disabled

Unlocked
```

The first cmdlet fetches the recovery services vault. The second cmdlet updates PublicNetworkAccess, ImmutabilityState properties of the recovery services vault. The third and fourth command are used to fetch the public network access and immutability state of the vault.

Example 5: Enable/Disable CrossSubscriptionRestore for recovery services vault

```
$vault = Get-AzRecoveryServicesVault -Name "vaultName" -ResourceGroupName "resourceGroupName"

$updatedVault = Update-AzRecoveryServicesVault -ResourceGroupName $vault.ResourceGroupName -Name
$vault.Name -CrossSubscriptionRestoreState Disabled

$updatedVault.Properties.RestoreSettings.CrossSubscriptionRestoreSettings.CrossSubscriptionRestoreState

Disabled
```

The first cmdlet fetches the recovery services vault. The second cmdlet updates CrossSubscriptionRestoreState of the

recovery services vault. The third command gets
the cross subscription restore state of the vault.

RELATED LINKS

Online Version: <https://learn.microsoft.com/powershell/module/az.recoveryservices/update-azrecoveryservicesvault>