



## ***Windows PowerShell Get-Help on Cmdlet 'Update-AzDataProtectionBackupVault'***

***PS:\>Get-HELP Update-AzDataProtectionBackupVault -Full***

### NAME

Update-AzDataProtectionBackupVault

### SYNOPSIS

Updates a BackupVault resource belonging to a resource group.

For example, updating tags for a resource.

### SYNTAX

```
Update-AzDataProtectionBackupVault [-Token <String>] [-AzureMonitorAlertsForAllJobFailure <AlertsState>]
[-CrossRegionRestoreState <CrossRegionRestoreState>]
[-CrossSubscriptionRestoreState <CrossSubscriptionRestoreState>] [-IdentityType <String>]
[-IdentityUserAssignedIdentity <Hashtable>] [-ImmutabilityState
<ImmutabilityState>] [-ResourceGuardOperationRequest <String[]>] [-SoftDeleteRetentionDurationInDay <Double>]
[-SoftDeleteState <SoftDeleteState>] [-Tag <Hashtable>]
[-DefaultProfile <PSCredential>] [-AsJob] [-Break] [-HttpPipelineAppend <SendAsyncStep[]>] [-HttpPipelinePrepend
<SendAsyncStep[]>] [-NoWait] [-Proxy <Uri>]
[-ProxyCredential <PSCredential>] [-ProxyUseDefaultCredentials] -ResourceGroupName <String> -VaultName <String>
[-SubscriptionId <String>] [-CmkEncryptionState
<EncryptionState>] [-CmkIdentityType <IdentityType>] [-CmkUserAssignedIdentityId <String>] [-CmkEncryptionKeyUri
```

<String>] [-WhatIf] [-Confirm] [<CommonParameters>]

Update-AzDataProtectionBackupVault -InputObject <IDataProtectionIdentity> [-Token <String>]  
[-AzureMonitorAlertsForAllJobFailure <AlertsState>]  
[-CrossRegionRestoreState <CrossRegionRestoreState>] [-CrossSubscriptionRestoreState  
<CrossSubscriptionRestoreState>] [-EncryptionSetting <IEncryptionSettings>]  
[-IdentityType <String>] [-IdentityUserAssignedIdentity <Hashtable>] [-ImmutabilityState <ImmutabilityState>]  
[-ResourceGuardOperationRequest <String[]>]  
[-SoftDeleteRetentionDurationInDay <Double>] [-SoftDeleteState <SoftDeleteState>] [-Tag <Hashtable>] [-DefaultProfile  
<PSObject>] [-AsJob] [-Break]  
[-HttpPipelineAppend <SendAsyncStep[]>] [-HttpPipelinePrepend <SendAsyncStep[]>] [-NoWait] [-Proxy <Uri>]  
[-ProxyCredential <PSCredential>]  
[-ProxyUseDefaultCredentials] [-WhatIf] [-Confirm] [<CommonParameters>]

## DESCRIPTION

Updates a BackupVault resource belonging to a resource group.

For example, updating tags for a resource.

## PARAMETERS

-InputObject <IDataProtectionIdentity>

Identity Parameter

To construct, see NOTES section for INPUTOBJECT properties and create a hash table.

Required? true

Position? named

Default value

Accept pipeline input? true (ByValue)

Accept wildcard characters? false

-Token <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

Accept pipeline input? false

Accept wildcard characters? false

#### -AzureMonitorAlertsForAllJobFailure <AlertsState>

Parameter to Enable or Disable built-in azure monitor alerts for job failures.

Security alerts cannot be disabled.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

#### -CrossRegionRestoreState <CrossRegionRestoreState>

Cross region restore state of the vault.

Allowed values are Disabled, Enabled.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

#### -CrossSubscriptionRestoreState <CrossSubscriptionRestoreState>

Cross subscription restore state of the vault.

Allowed values are Disabled, Enabled, PermanentlyDisabled.

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

-EncryptionSetting <IEncryptionSettings>

Customer Managed Key details of the resource.

To construct, see NOTES section for ENCRYPTIONSETTING properties and create a hash table.

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

-IdentityType <String>

The identityType which can be either SystemAssigned, UserAssigned, 'SystemAssigned,UserAssigned' or None

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

-IdentityUserAssignedIdentity <Hashtable>

Gets or sets the user assigned identities.

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

-ImmutabilityState <ImmutabilityState>

Immutability state of the vault.

Allowed values are Disabled, Unlocked, Locked.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-ResourceGuardOperationRequest <String[]>

ResourceGuardOperationRequests on which LAC check will be performed

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-SoftDeleteRetentionDurationInDay <Double>

Soft delete retention duration in days.

Required? false

Position? named

Default value 0

Accept pipeline input? false

Accept wildcard characters? false

-SoftDeleteState <SoftDeleteState>

Soft delete state of the vault.

Allowed values are Off, On, AlwaysOn.

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

-Tag <Hashtable>

Resource tags.

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

-DefaultProfile <PSObject>

The DefaultProfile parameter is not functional.

Use the SubscriptionId parameter when available if executing the cmdlet against a different subscription.

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

-AsJob [<SwitchParameter>]

Run the command as a job

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

-Break [<SwitchParameter>]

Wait for .NET debugger to attach

Required? false

Position? named

Default value False

Accept pipeline input? false

Accept wildcard characters? false

-HttpPipelineAppend <SendAsyncStep[]>

SendAsync Pipeline Steps to be appended to the front of the pipeline

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-HttpPipelinePrepend <SendAsyncStep[]>

SendAsync Pipeline Steps to be prepended to the front of the pipeline

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-NoWait [<SwitchParameter>]

Run the command asynchronously

Required? false

Position? named

Default value            False  
Accept pipeline input?    false  
Accept wildcard characters? false

**-Proxy <Uri>**

The URI for the proxy server to use

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

**-ProxyCredential <PSCredential>**

Credentials for a proxy server to use for the remote call

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

**-ProxyUseDefaultCredentials [<SwitchParameter>]**

Use the default credentials for the proxy

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

**-ResourceGroupName <String>**

The name of the resource group.



The name is case insensitive.

Required? true

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-VaultName <String>

The name of the backup vault.

Required? true

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-SubscriptionId <String>

The ID of the target subscription.

The value must be an UUID.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-CmkEncryptionState <EncryptionState>

Enable CMK encryption state for a Backup Vault.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-CmkIdentityType <IdentityType>

The identity type to be used for CMK encryption - SystemAssigned or UserAssigned Identity.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-CmkUserAssignedIdentityId <String>

This parameter is required if the identity type is UserAssigned.

Add the user assigned managed identity id to be used which has access permissions to the Key Vault.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-CmkEncryptionKeyUri <String>

The Key URI of the CMK key to be used for encryption.

To enable auto-rotation of keys, exclude the version component from the Key URI.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-WhatIf [<SwitchParameter>]

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

-Confirm [<SwitchParameter>]

Required? false  
Position? named  
Default value  
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.PowerShell.Cmdlets.DataProtection.Models.IDataProtectionIdentity

## OUTPUTS

Microsoft.Azure.PowerShell.Cmdlets.DataProtection.Models.Api20240401.IBackupVaultResource

## NOTES

To create the parameters described below, construct a hash table containing the appropriate properties. For information on hash tables, run Get-Help about\_Hash\_Tables.

ENCRYPTIONSETTING <IEncryptionSettings>: Customer Managed Key details of the resource.

[CmkIdentity <ICmkKekIdentity>]: The details of the managed identity used for CMK

[IdentityId <String>]: The managed identity to be used which has access permissions to the Key Vault. Provide a value here in case identity types:

'UserAssigned' only.

[IdentityType <IdentityType?>]: The identity type. 'SystemAssigned' and 'UserAssigned' are mutually exclusive. 'SystemAssigned' will use implicitly created managed identity.

[CmkInfrastructureEncryption <InfrastructureEncryptionState?>]: Enabling/Disabling the Double Encryption state

[CmkKeyVaultProperty <ICmkKeyVaultProperties>]: The properties of the Key Vault which hosts CMK

[KeyUri <String>]: The key uri of the Customer Managed Key

[State <EncryptionState?>]: Encryption state of the Backup Vault.

INPUTOBJECT <IDataProtectionIdentity>: Identity Parameter

[BackupInstanceName <String>]: The name of the backup instance.

[BackupPolicyName <String>]:

[Id <String>]: Resource identity path

[JobId <String>]: The Job ID. This is a GUID-formatted string (e.g. 00000000-0000-0000-0000-000000000000).

[Location <String>]: The location in which uniqueness will be verified.

[OperationId <String>]:

[RecoveryPointId <String>]:

[RequestName <String>]:

[ResourceGroupName <String>]: The name of the resource group. The name is case insensitive.

[ResourceGuardProxyName <String>]: name of the resource guard proxy

[ResourceGuardsName <String>]: The name of ResourceGuard

[ResourceId <String>]: ARM path of the resource to be protected using Microsoft.DataProtection

[SubscriptionId <String>]: The ID of the target subscription. The value must be an UUID.

[VaultName <String>]: The name of the backup vault.

----- EXAMPLE 1 -----

```
PS C:\>$tag = @{"Owner"="sarath";"Purpose"="AzureBackupTesting"}
```

```
Update-AzDataProtectionBackupVault -SubscriptionId "xxx-xxx-xxx" -ResourceGroupName sarath-rg -VaultName  
sarath-vault -Tag $tag
```

----- EXAMPLE 2 -----

```
PS C:\>Update-AzDataProtectionBackupVault -ResourceGroupName "rgName" -VaultName "vaultName" -SubscriptionId  
"xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxxxx"  
-AzureMonitorAlertsForAllJobFailure 'Disabled'
```

----- EXAMPLE 3 -----

```
PS C:\>Update-AzDataProtectionBackupVault -SubscriptionId "xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxxxx"  
-ResourceGroupName "resourceGroupName" -VaultName "vaultName"  
-CrossSubscriptionRestoreState Disabled -ImmutabilityState Disabled -SoftDeleteRetentionDurationInDay 99  
-SoftDeleteState Off
```

----- EXAMPLE 4 -----

```
PS C:\>$cmkKeyUri = "https://samplekvazbckp.vault.azure.net/keys/testkey/3cd5235ad6ac4c11b40a6f35444bcbe1"
```

```
Update-AzDataProtectionBackupVault -SubscriptionId "xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxx" -ResourceGroupName  
"resourceGroupName" -VaultName "vaultName"  
-CmkIdentityType SystemAssigned -CmkEncryptionKeyUri $cmkKeyUri
```

----- EXAMPLE 5 -----

```
PS C:\>$cmkIdentityId =
```

```
"/subscriptions/xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxx/resourcegroups/samplerg/providers/Microsoft.ManagedIdentity/user  
AssignedIdentities/sampleuami"
```

```
Update-AzDataProtectionBackupVault -SubscriptionId "xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxx" -ResourceGroupName  
"resourceGroupName" -VaultName "vaultName"  
-CmkIdentityType UserAssigned -CmkUserAssignedIdentityId $cmkIdentityId
```

## RELATED LINKS

<https://learn.microsoft.com/powershell/module/az.dataprotection/update-azdataprotectionbackupvault>