



Windows PowerShell Get-Help on Cmdlet 'Set-AzDiskDiskEncryptionKey'

PS:\>Get-HELP Set-AzDiskDiskEncryptionKey -Full

NAME

Set-AzDiskDiskEncryptionKey

SYNOPSIS

Sets the disk encryption key properties on a disk object.

SYNTAX

```
Set-AzDiskDiskEncryptionKey [-Disk] <Microsoft.Azure.Commands.Compute.Automation.Models.PSDisk> [[-SecretUrl]
<System.String>] [[-SourceVaultId] <System.String>]
[-DefaultProfile <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]
[-Confirm] [-WhatIf] [<CommonParameters>]
```

DESCRIPTION

The Set-AzDiskDiskEncryptionKey cmdlet sets the disk encryption key properties on a disk object.

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

-Disk <Microsoft.Azure.Commands.Compute.Automation.Models.PSDisk>

Specifies a local disk object.

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

-SecretUrl <System.String>

Specifies the secret Url.

Required? false
Position? 1
Default value None
Accept pipeline input? True (ByPropertyName)
Accept wildcard characters? false

-SourceVaultId <System.String>

Specifies the source vault ID.

Required? false
Position? 2
Default value None
Accept pipeline input? True (ByPropertyName)

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.Compute.Automation.Models.PSDisk

System.String

OUTPUTS

Microsoft.Azure.Commands.Compute.Automation.Models.PSDisk

NOTES

----- Example 1 -----

```
$diskconfig = New-AzDiskConfig -Location 'Central US' -DiskSizeGB 5 -SkuName Standard_LRS -OsType Windows
-CreateOption Empty -EncryptionSettingsEnabled $true;

$secretUrl = 'https://myvault.vault-int.azure-int.net/secrets/123/';

                                                                    $secretId          =
'/subscriptions/00000000-0000-0000-0000-000000000000/resourceGroups/ResourceGroup01/providers/Microsoft.KeyVault/v
aults/TestVault123';

$keyUrl = 'https://myvault.vault-int.azure-int.net/keys/456';

                                                                    $keyId          =
'/subscriptions/00000000-0000-0000-0000-000000000000/resourceGroups/ResourceGroup01/providers/Microsoft.KeyVault/v
aults/TestVault456';

$diskconfig = Set-AzDiskDiskEncryptionKey -Disk $diskconfig -SecretUrl $secretUrl -SourceVaultId $secretId;
$diskconfig = Set-AzDiskKeyEncryptionKey -Disk $diskconfig -KeyUrl $keyUrl -SourceVaultId $keyId;
$diskConfig.EncryptionSettingsCollection.EncryptionSettingsVersion = '1.1';
New-AzDisk -ResourceGroupName 'ResourceGroup01' -DiskName 'Disk01' -Disk $diskconfig;
```

The first command creates a local empty disk object with size 5GB in Standard_LRS storage account type. It also sets Windows OS type and enables encryption settings.

The second and third commands set the disk encryption key and key encryption key settings for the disk object. The last command takes the disk object and creates a

disk with name 'Disk01' in resource group 'ResourceGroup01'.

RELATED LINKS

Online Version: <https://learn.microsoft.com/powershell/module/az.compute/set-azdiskdiskencryptionkey>