



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

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

NAME

Update-AzDisk

SYNOPSIS

Updates a disk.

SYNTAX

```
Update-AzDisk [-ResourceGroupName] <System.String> [-DiskName] <System.String> [-Disk]
<Microsoft.Azure.Commands.Compute.Automation.Models.PSDisk> [-AsJob]
[-DefaultProfile <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]
[-Confirm] [-WhatIf] [<CommonParameters>]
```

```
Update-AzDisk [-ResourceGroupName] <System.String> [-DiskName] <System.String> [-DiskUpdate]
<Microsoft.Azure.Commands.Compute.Automation.Models.PSDiskUpdate>
[-AsJob] [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]
[-Confirm] [-WhatIf]
[<CommonParameters>]
```

DESCRIPTION

The Update-AzDisk cmdlet updates a disk.

PARAMETERS

-AsJob <System.Management.Automation.SwitchParameter>

Run cmdlet in the background and return a Job to track progress.

Required? false

Position? named

Default value False

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

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

Specifies a local disk object.

Required? true

Position? 2

Default value None

Accept pipeline input? True (ByValue)

Accept wildcard characters? false

-DiskName <System.String>

Specifies the name of a disk.

Required? true

Position? 1

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-DiskUpdate <Microsoft.Azure.Commands.Compute.Automation.Models.PSDiskUpdate>

Specifies a local disk update object.

Required? true

Position? 2

Default value None

Accept pipeline input? True (ByValue)

Accept wildcard characters? false

-ResourceGroupName <System.String>

Specifies the name of a resource group.

Required? true

Position? 0

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

System.String

Microsoft.Azure.Commands.Compute.Automation.Models.PSDiskUpdate

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

OUTPUTS

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

NOTES

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

```
$diskupdateconfig = New-AzDiskUpdateConfig -DiskSizeGB 10 -SkuName Premium_LRS -OsType Windows
-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';

$diskupdateconfig = Set-AzDiskUpdateDiskEncryptionKey -DiskUpdate $diskupdateconfig -SecretUrl $secretUrl
-SourceVaultId $secretId;

$diskupdateconfig = Set-AzDiskUpdateKeyEncryptionKey -DiskUpdate $diskupdateconfig -KeyUrl $keyUrl -SourceVaultId
$keyId;

Update-AzDisk -ResourceGroupName 'ResourceGroup01' -DiskName 'Disk01' -DiskUpdate $diskupdateconfig;
```

The first command creates a local empty disk update object with size 10GB in Premium_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 update object. The last command takes the disk update

object and updates an existing disk with name 'Disk01' in resource group 'ResourceGroup01'.

----- Example 2 -----

```
'Disk01';
```

This command updates an existing disk with name 'Disk01' in resource group 'ResourceGroup01' to 10 GB disk size.

----- Example 3 -----

```
$disk = Get-AzDisk -ResourceGroupName 'ResourceGroup01' -DiskName 'Disk01';
```

```
$disk.DiskSizeGB = 10;
```

```
Update-AzDisk -ResourceGroupName 'ResourceGroup01' -DiskName 'Disk01' -Disk $disk;
```

These commands also update an existing disk with name 'Disk01' in resource group 'ResourceGroup01' to 10 GB disk size.

RELATED LINKS

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