



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

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

NAME

Get-AzDisk

SYNOPSIS

Gets the properties of a Managed disk.

SYNTAX

```
Get-AzDisk [[-ResourceGroupName] <System.String>] [[-DiskName] <System.String>] [-DefaultProfile  
    <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]  
[<CommonParameters>]
```

DESCRIPTION

The Get-AzDisk cmdlet gets the properties of a Managed disk.

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

-DiskName <System.String>

Specifies the name of a disk.

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

-ResourceGroupName <System.String>

Specifies the name of a resource group.

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

<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.Commands.Compute.Automation.Models.PSDisk

NOTES

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

Get-AzDisk -ResourceGroupName 'ResourceGroup01' -DiskName 'Disk01'

ResourceGroupName : ResourceGroup01

ManagedBy :

Sku : Microsoft.Azure.Management.Compute.Models.DiskSku

Zones :

TimeCreated : 6/29/2018 4:26:27 PM

OsType : Windows

CreationData : Microsoft.Azure.Management.Compute.Models.CreationData

DiskSizeGB : 127

EncryptionSettings :

ProvisioningState : Succeeded

DiskIOPSReadWrite : 500

DiskMBpsReadWrite : 100

Id

:

/subscriptions/xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxx/resourceGroups/ResourceGroup01/providers/Microsoft.Compu

te/disks/Disk01

Name : Disk01

Type : Microsoft.Compute/disks
Location : westus2
Tags : {}

This command gets the properties of the disk named 'Disk01' in the resource group 'ResourceGroup01'.

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

Get-AzDisk -ResourceGroupName 'ResourceGroup01'

ResourceGroupName : ResourceGroup01
ManagedBy :
Sku : Microsoft.Azure.Management.Compute.Models.DiskSku
Zones :
TimeCreated : 6/29/2018 4:26:27 PM
OsType : Windows
CreationData : Microsoft.Azure.Management.Compute.Models.CreationData
DiskSizeGB : 127
EncryptionSettings :
ProvisioningState : Succeeded
DiskIOPSReadWrite : 500
DiskMBpsReadWrite : 100

Id :

/subscriptions/xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxx/resourceGroups/ResourceGroup01/providers/Microsoft.Compu

te/disks/win1_OsDisk_1

Name : win1_OsDisk_1
Type : Microsoft.Compute/disks
Location : westus2
Tags : {}

ResourceGroupName : ResourceGroup01

ManagedBy :

Sku : Microsoft.Azure.Management.Compute.Models.DiskSku
Zones :
TimeCreated : 6/29/2018 4:27:27 PM
OsType : Windows
CreationData : Microsoft.Azure.Management.Compute.Models.CreationData
DiskSizeGB : 127
EncryptionSettings :
ProvisioningState : Succeeded
DiskIOPSReadWrite : 500
DiskMBpsReadWrite : 100

Id :

/subscriptions/xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxx/resourceGroups/ResourceGroup01/providers/Microsoft.Compu

te/disks/win1_OsDisk_2

Name : win1_OsDisk_2
Type : Microsoft.Compute/disks
Location : westus2
Tags : {}

This command gets the properties of all disks in the resource group 'ResourceGroup01'.

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

Get-AzDisk

ResourceGroupName : ResourceGroup01
ManagedBy :
Sku : Microsoft.Azure.Management.Compute.Models.DiskSku
Zones :
TimeCreated : 6/29/2018 4:26:27 PM
OsType : Windows
CreationData : Microsoft.Azure.Management.Compute.Models.CreationData
DiskSizeGB : 127

EncryptionSettings :

ProvisioningState : Succeeded

DiskIOPSReadWrite : 500

DiskMBpsReadWrite : 100

Id

:

/subscriptions/xxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxx/resourceGroups/ResourceGroup01/providers/Microsoft.Compu

te/disks/win1_OsDisk_1

Name : win1_OsDisk_1

Type : Microsoft.Compute/disks

Location : westus2

Tags : {}

ResourceGroupName : ResourceGroup02

ManagedBy :

Sku : Microsoft.Azure.Management.Compute.Models.DiskSku

Zones :

TimeCreated : 6/29/2018 4:27:27 PM

OsType : Windows

CreationData : Microsoft.Azure.Management.Compute.Models.CreationData

DiskSizeGB : 127

EncryptionSettings :

ProvisioningState : Succeeded

DiskIOPSReadWrite : 500

DiskMBpsReadWrite : 100

Id

:

/subscriptions/xxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxx/resourceGroups/ResourceGroup02/providers/Microsoft.Compu

te/disks/win1_OsDisk_2

Name : win1_OsDisk_2

Type : Microsoft.Compute/disks

Location : westus2

Tags : {}

This command gets the properties of all disks under the subscription.

----- Example 4 -----

Get-AzDisk -Name win_OsDisk*

ResourceGroupName : ResourceGroup01

ManagedBy :

Sku : Microsoft.Azure.Management.Compute.Models.DiskSku

Zones :

TimeCreated : 6/29/2018 4:26:27 PM

OsType : Windows

CreationData : Microsoft.Azure.Management.Compute.Models.CreationData

DiskSizeGB : 127

EncryptionSettings :

ProvisioningState : Succeeded

DiskIOPSReadWrite : 500

DiskMBpsReadWrite : 100

Id :

/subscriptions/xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxx/resourceGroups/ResourceGroup01/providers/Microsoft.Compute/disks/win1_OsDisk_1

Name : win1_OsDisk_1

Type : Microsoft.Compute/disks

Location : westus2

Tags : {}

ResourceGroupName : ResourceGroup02

ManagedBy :

Sku : Microsoft.Azure.Management.Compute.Models.DiskSku

Zones :

TimeCreated : 6/29/2018 4:27:27 PM

OsType : Windows

CreationData : Microsoft.Azure.Management.Compute.Models.CreationData

DiskSizeGB : 127

EncryptionSettings :

ProvisioningState : Succeeded

DiskIOPSReadWrite : 500

DiskMBpsReadWrite : 100

Id

:

/subscriptions/xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxx/resourceGroups/ResourceGroup02/providers/Microsoft.Compute/disks/win1_OsDisk_2

Name : win1_OsDisk_2

Type : Microsoft.Compute/disks

Location : westus2

Tags : {}

This command gets the properties of all disks under the subscription name starting with win1_OsDisk.

RELATED LINKS

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