



### ***Windows PowerShell Get-Help on Cmdlet 'Get-AzDiskEncryptionSet'***

***PS:\>Get-HELP Get-AzDiskEncryptionSet -Full***

#### **NAME**

Get-AzDiskEncryptionSet

#### **SYNOPSIS**

Get or list disk encryption sets.

#### **SYNTAX**

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

#### **DESCRIPTION**

Get or list disk encryption sets.

#### **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

-Name <System.String>

Name of disk encryption set.

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

-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.PSDiskEncryptionSet

## NOTES

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

Get-AzDiskEncryptionSet -ResourceGroupName rg1 -Name enc1;

ResourceGroupName : rg1

Identity : Microsoft.Azure.Management.Compute.Models.EncryptionSetIdentity

ActiveKey : Microsoft.Azure.Management.Compute.Models.KeyVaultAndKeyReference

PreviousKeys : {}

ProvisioningState : Succeeded

Id :

/subscriptions/00000000-0000-0000-0000-000000000000/resourceGroups/rg1/providers/Microsoft.Compute/diskEncryptionSets/enc1

Name : enc1

Type : Microsoft.Compute/diskEncryptionSets

Location : westcentralus

Tags : {}

Get disk encryption set 'enc1'

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

Get-AzDiskEncryptionSet

ResourceGroupName : rg1

Identity : Microsoft.Azure.Management.Compute.Models.EncryptionSetIdentity

ActiveKey : Microsoft.Azure.Management.Compute.Models.KeyVaultAndKeyReference

PreviousKeys : {}

ProvisioningState : Succeeded

Id :

/subscriptions/00000000-0000-0000-0000-000000000000/resourceGroups/rg1/providers/Microsoft.Compute/diskEncryption

Sets/enc1

Name : enc1

Type : Microsoft.Compute/diskEncryptionSets

Location : westcentralus

Tags : {}

ResourceGroupName : rg1

Identity : Microsoft.Azure.Management.Compute.Models.EncryptionSetIdentity

ActiveKey : Microsoft.Azure.Management.Compute.Models.KeyVaultAndKeyReference

PreviousKeys : {}

ProvisioningState : Succeeded

Id :

/subscriptions/00000000-0000-0000-0000-000000000000/resourceGroups/rg1/providers/Microsoft.Compute/diskEncryption

Sets/enc2

Name : enc2

Type : Microsoft.Compute/diskEncryptionSets

Location : westcentralus

Tags : {}

Get all disk encryption sets in resource group 'rg1'.

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

Get-AzDiskEncryptionSet -ResourceGroupName rg1

ResourceGroupName : rg1

Identity : Microsoft.Azure.Management.Compute.Models.EncryptionSetIdentity

ActiveKey : Microsoft.Azure.Management.Compute.Models.KeyVaultAndKeyReference

PreviousKeys : {}

ProvisioningState : Succeeded

Id :

/subscriptions/00000000-0000-0000-0000-000000000000/resourceGroups/rg1/providers/Microsoft.Compute/diskEncryption  
Sets/enc1

Name : enc1

Type : Microsoft.Compute/diskEncryptionSets

Location : westcentralus

Tags : {}

ResourceGroupName : rg1

Identity : Microsoft.Azure.Management.Compute.Models.EncryptionSetIdentity

ActiveKey : Microsoft.Azure.Management.Compute.Models.KeyVaultAndKeyReference

PreviousKeys : {}

ProvisioningState : Succeeded

Id :

/subscriptions/00000000-0000-0000-0000-000000000000/resourceGroups/rg1/providers/Microsoft.Compute/diskEncryption  
Sets/enc2

Name : enc2

Type : Microsoft.Compute/diskEncryptionSets

Location : westcentralus

Tags : {}

ResourceGroupName : rg2

Identity : Microsoft.Azure.Management.Compute.Models.EncryptionSetIdentity

ActiveKey : Microsoft.Azure.Management.Compute.Models.KeyVaultAndKeyReference

PreviousKeys : {}

ProvisioningState : Succeeded

Id :

/subscriptions/00000000-0000-0000-0000-000000000000/resourceGroups/rg1/providers/Microsoft.Compute/diskEncryption

Sets/enc3

Name : enc3

Type : Microsoft.Compute/diskEncryptionSets

Location : westcentralus

Tags : {}

Get all disk encryption sets in subscription.

## RELATED LINKS

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