



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

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

### NAME

Get-AzVMDiskEncryptionStatus

### SYNOPSIS

Gets the encryption status of the virtual machine.

### SYNTAX

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

### DESCRIPTION

The Get-AzVMDiskEncryptionStatus cmdlet gets the encryption status of the virtual machine. It displays the encryption status of the operating system and data volumes.

In addition to encryption status, it also displays the encryption secret URL, key encryption key URL, resource IDs of the KeyVaults where the encryption key and key

encryption key for operating system volume are present.

## 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

-ExtensionPublisherName <System.String>

The extension publisher name. Specify this parameter only to override the default value of "Microsoft.Azure.Security".

Required? false

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-ExtensionType <System.String>

The extension type. Specify this parameter to override its default value of "AzureDiskEncryption" for Windows VMs and "AzureDiskEncryptionForLinux" for Linux VMs.

Required? false

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-Name <System.String>

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

**-ResourceGroupName <System.String>**

Specifies the name of the resource group of the virtual machine.

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

**-VMName <System.String>**

Specifies the name of the virtual machine.

Required? true  
Position? 1  
Default value None  
Accept pipeline input? True (ByPropertyName)  
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>).

System.String

## OUTPUTS

Microsoft.Azure.Commands.Compute.Extension.AzureDiskEncryption.AzureDiskEncryptionExtensionContext

## NOTES

-- Example 1: Get the encryption status of a virtual machine --

```
Get-AzVmDiskEncryptionStatus -ResourceGroupName "MyResourceGroup001" -VMName "VM001"
```

This command gets the encryption status of the virtual machine named VM001.

## RELATED LINKS

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

Remove-AzVMDiskEncryptionExtension

Set-AzVMDiskEncryptionExtension