



Windows PowerShell Get-Help on Cmdlet 'New-AzSnapshot'

PS:\>Get-HELP New-AzSnapshot -Full

NAME

New-AzSnapshot

SYNOPSIS

Creates a snapshot.

SYNTAX

```
New-AzSnapshot [-ResourceGroupName] <System.String> [-SnapshotName] <System.String> [-Snapshot]
<Microsoft.Azure.Commands.Compute.Automation.Models.PSSnapshot>

[-AsJob] [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-Confirm] [-WhatIf]
[<CommonParameters>]
```

DESCRIPTION

The New-AzSnapshot cmdlet creates a snapshot.

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

-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

-Snapshot <Microsoft.Azure.Commands.Compute.Automation.Models.PSSnapshot>

Specifies a local snapshot object.

Required? true

Position? 2

Default value None

Accept pipeline input? True (ByValue)

Accept wildcard characters? false

-SnapshotName <System.String>

Specifies the name of a snapshot.

Required? true

Position? 1

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.PSSnapshot

OUTPUTS

Microsoft.Azure.Commands.Compute.Automation.Models.PSSnapshot

NOTES

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

```
$snapshotconfig = New-AzSnapshotConfig -Location 'Central US' -DiskSizeGB 5 -AccountType 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';
```

```
$snapshotconfig = Set-AzSnapshotDiskEncryptionKey -Snapshot $snapshotconfig -SecretUrl $secretUrl -SourceVaultId $secretId;
```

```
$snapshotconfig = Set-AzSnapshotKeyEncryptionKey -Snapshot $snapshotconfig -KeyUrl $keyUrl -SourceVaultId $keyId;
```

```
New-AzSnapshot -ResourceGroupName 'ResourceGroup01' -SnapshotName 'Snapshot01' -Snapshot $snapshotconfig;
```

The first command creates a local empty snapshot 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 snapshot object. The last command takes the snapshot

object and creates a snapshot with name 'Snapshot01' in resource group 'ResourceGroup01'.

RELATED LINKS

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