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

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

NAME

New-AzSnapshotUpdateConfig

SYNOPSIS

Creates a configurable snapshot update object.

SYNTAX

New-AzSnapshotUpdateConfig [[-SkuName] <System.String>] [[-OsType] {Windows | Linux}] [[-DiskSizeGB] <System.Int32>] [[-Tag] <System.Collections.Hashtable>]
[-Architecture <System.String>] [-DataAccessAuthMode <System.String>] [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-DiskEncryptionKey
<Microsoft.Azure.Management.Compute.Models.KeyVaultAndSecretReference>] [-DiskEncryptionSetId <System.String>] [-EdgeZone <System.String>] [-EncryptionSettingsEnabled
<System.Nullable`1[System.Boolean]>] [-EncryptionType <System.String>] [-KeyEncryptionKey <Microsoft.Azure.Management.Compute.Models.KeyVaultAndKeyReference>]
[-NetworkAccessPolicy <System.String>] [-PublicNetworkAccess <System.String>] [-SupportsHibernation <System.Nullable`1[System.Boolean]>] [-Confirm] [-WhatIf]
[<CommonParameters>]

DESCRIPTION

The New-AzSnapshotUpdateConfig cmdlet creates a configurable snapshot update object.

PARAMETERS

-Architecture <System.String>

CPU architecture supported by an OS disk. Possible values are "X64" and "Arm64".

Required? false

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-DataAccessAuthMode <System.String>

Additional authentication requirements when exporting or uploading to a disk or snapshot.

Required? false

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

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

-DiskEncryptionKey <Microsoft.Azure.Management.Compute.Models.KeyVaultAndSecretReference>

Specifies the disk encryption key object on a snapshot.

Required? false

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-DiskEncryptionSetId <System.String>

Specifies the resource Id of the disk encryption set to use for enabling encryption at rest.

Required? false

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-DiskSizeGB <System.Int32>

Specifies the size of the disk in GB.

Required? false

Position? 2

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-EdgeZone <System.String>

Sets the edge zone name. If set, the query will be routed to the specified edgezone instead of the main region.

Required? false

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-EncryptionSettingsEnabled <System.Nullable`1[System.Boolean]>

Enable encryption settings.

Required? false

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-EncryptionType <System.String>

The type of key used to encrypt the data of the disk. Available values are: 'EncryptionAtRestWithPlatformKey', 'EncryptionAtRestWithCustomerKey'

Required? false

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-KeyEncryptionKey <Microsoft.Azure.Management.Compute.Models.KeyVaultAndKeyReference>

Specifies the Key encryption key on a snapshot.

Required? false

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-NetworkAccessPolicy <System.String>

Policy for accessing the disk via network. Available values are: AllowAll, AllowPrivate, DeyAll

Required? false

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-OsType <System.Nullable`1[Microsoft.Azure.Management.Compute.Models.OperatingSystemTypes]>

Specifies the OS type.

Required? false

Position? 1

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-PublicNetworkAccess <System.String>

Policy for controlling export on the disk.

Required? false

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-SkuName <System.String>

Specifies the Sku name of the storage account.

Required? false

Position? 0

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-SupportsHibernation <System.Nullable`1[System.Boolean]>

Indicates if the OS on the snapshot supports hibernation with $true or $false

Required? false

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-Tag <System.Collections.Hashtable>

Key-value pairs in the form of a hash table. For example: @{key0="value0";key1=$null;key2="value2"}

Required? false

Position? 3

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

System.Nullable`1[[Microsoft.Azure.Management.Compute.Models.OperatingSystemTypes, Microsoft.Azure.Management.Compute, Version=23.0.0.0, Culture=neutral,

PublicKeyToken=31bf3856ad364e35]]

System.Int32

System.Collections.Hashtable

System.Nullable`1[[System.Boolean, System.Private.CoreLib, Version=4.0.0.0, Culture=neutral, PublicKeyToken=7cec85d7bea7798e]]

Microsoft.Azure.Management.Compute.Models.KeyVaultAndSecretReference

Microsoft.Azure.Management.Compute.Models.KeyVaultAndKeyReference

OUTPUTS

Microsoft.Azure.Commands.Compute.Automation.Models.PSSnapshotUpdate

NOTES

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

$snapshotupdateconfig = New-AzSnapshotUpdateConfig -DiskSizeGB 10 -AccountType PremiumLRS -OsType Windows -EncryptionSettingsEnabled $true;

$secretUrl = 'https://myvault.vault-int.azure-int.net/secrets/123/';

$secretId = '/subscriptions/0000000-0000-0000-0000-000000000000/resourceGroups/ResourceGroup01/providers/Microsoft.KeyVault/vaults/TestVault123';

$keyUrl = 'https://myvault.vault-int.azure-int.net/keys/456';

$keyId = '/subscriptions/0000000-0000-0000-0000-000000000000/resourceGroups/ResourceGroup01/providers/Microsoft.KeyVault/vaults/TestVault456';

$snapshotupdateconfig = Set-AzSnapshotUpdateDiskEncryptionKey -SnapshotUpdate $snapshotupdateconfig -SecretUrl $secretUrl -SourceVaultId $secretId;

$snapshotupdateconfig = Set-AzSnapshotUpdateKeyEncryptionKey -SnapshotUpdate $snapshotupdateconfig -KeyUrl $keyUrl -SourceVaultId $keyId;

Update-AzSnapshot -ResourceGroupName 'ResourceGroup01' -SnapshotName 'Snapshot01' -SnapshotUpdate $snapshotupdateconfig;

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

snapshot update object and updates an existing snapshot with name 'Snapshot01' in resource group 'ResourceGroup01'.

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

New-AzSnapshotUpdateConfig -DiskSizeGB 10 | Update-AzSnapshot -ResourceGroupName 'ResourceGroup01' -SnapshotName 'Snapshot01';

This command updates an existing snapshot with name 'Snapshot01' in resource group 'ResourceGroup01' to 10 GB disk size.

RELATED LINKS

Online Version: https://learn.microsoft.com/powershell/module/az.compute/new-azsnapshotupdateconfig