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

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

NAME

New-AzDiskEncryptionSetConfig

SYNOPSIS

Creates a configurable disk encryption set object.

SYNTAX

New-AzDiskEncryptionSetConfig [-Location] <System.String> [[-Tag] <System.Collections.Hashtable>] [[-IdentityType] <System.String>] [[-SourceVaultId] <System.String>] [-DefaultProfile <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-EncryptionType <System.String>] [-FederatedClientId <System.String>] [-KeyUrl <System.String>] [-RotationToLatestKeyVersionEnabled <System.Nullable`1[System.Boolean]>] [-UserAssignedIdentity <System.Collections.Hashtable>] [-Confirm] [-WhatIf] [<CommonParameters>]

DESCRIPTION

Creates a configurable disk encryption set object.

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

-EncryptionType <System.String>

Use this to set the encryption type of the disk encryption set. Available values are: 'EncryptionAtRestWithPlatformKey', 'EncryptionAtRestWithCustomerKey'.

Required? false

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-FederatedClientId <System.String>

Multi-tenant application client id to access key vault in a different tenant.

Required? false

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-IdentityType <System.String>

The type of Managed Identity used by the DiskEncryptionSet. Only SystemAssigned is supported.

Required? false

Position? 2

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-KeyUrl <System.String>

Url pointing to the active key in KeyVault

Required? false

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-Location <System.String>

Specifies a location.

Required? true

Position? 0

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

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

Gets or sets set this flag to true to enable auto-updating of this disk encryption

Required? false

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-SourceVaultId <System.String>

Resource id of the KeyVault containing the active key.

Required? false

Position? 3

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? 1

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-UserAssignedIdentity <System.Collections.Hashtable>

The list of user identities associated with the disk encryption set. The user identity dictionary key references will be ARM resource ids in the form:

'/subscriptions/{subscriptionId}/resourceGroups/{resourceGroupName}/providers/Microsoft.ManagedIdentity/userAssignedIdentities/{identityName}'.

Required? false

Position? named

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.Collections.Hashtable

OUTPUTS

Microsoft.Azure.Commands.Compute.Automation.Models.PSDiskEncryptionSet

NOTES

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

$config = New-AzDiskEncryptionSetConfig -Location 'westcentralus' -KeyUrl "https://valut1.vault.azure.net:443/keys/key1/mykey" -SourceVaultId '/subscriptions/00000000-0000-0000-0000-000000000000/resourceGroups/rg1/providers/Microsoft.KeyVault/vaults/vault1' -IdentityType 'SystemAssigned'

$config | New-AzDiskEncryptionSet -ResourceGroupName 'rg1' -Name 'enc1'

Creates disk encryption set using the given active key in the key vault.

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

$userAssignedIdentities = @{

"/subscriptions/{subscriptionId}/resourceGroups/{resourceGroupName}/providers/Microsoft.ManagedIdentity/userAssignedIdentities/{identityName}" = @{}};

$config = New-AzDiskEncryptionSetConfig -Location 'westcentralus' -KeyUrl "https://valut1.vault.azure.net:443/keys/key1/mykey" -SourceVaultId '/subscriptions/00000000-0000-0000-0000-000000000000/resourceGroups/rg1/providers/Microsoft.KeyVault/vaults/vault1' -IdentityType 'UserAssigned'

-RotationToLatestKeyVersionEnabled $True -UserAssignedIdentity $userAssignedIdentities -FederatedClientId "13ebe945-1314-41b4-8b58-f3784e0dd278"

$config | New-AzDiskEncryptionSet -ResourceGroupName 'rg1' -Name 'enc1'

Using UserAssignedIdentity and FederatedClientId

RELATED LINKS

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