



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

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

NAME

New-AzStorageEncryptionScope

SYNOPSIS

Creates an encryption scope for a Storage account.

SYNTAX

```
New-AzStorageEncryptionScope [-ResourceGroupName] <System.String> [-StorageAccountName] <System.String>
[-DefaultProfile
    <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]
-EncryptionScopeName <System.String> -KeyUri <System.String>
    -KeyvaultEncryption [-RequireInfrastructureEncryption] [-Confirm] [-WhatIf] [<CommonParameters>]

New-AzStorageEncryptionScope [-DefaultProfile
    <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] -EncryptionScopeName
    <System.String> -KeyUri <System.String> -KeyvaultEncryption [-RequireInfrastructureEncryption] -StorageAccount
    <Microsoft.Azure.Commands.Management.Storage.Models.PSStorageAccount> [-Confirm] [-WhatIf]
    [<CommonParameters>]
```

```

New-AzStorageEncryptionScope [-ResourceGroupName] <System.String> [-StorageAccountName] <System.String>
[-DefaultProfile
    <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]
-EncryptionScopeName <System.String> [-RequireInfrastructureEncryption]
    -StorageEncryption [-Confirm] [-WhatIf] [<CommonParameters>]

New-AzStorageEncryptionScope [-DefaultProfile
    <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] -EncryptionScopeName
    <System.String> [-RequireInfrastructureEncryption] -StorageAccount
    <Microsoft.Azure.Commands.Management.Storage.Models.PSStorageAccount> -StorageEncryption [-Confirm]
    [-WhatIf] [<CommonParameters>]

```

DESCRIPTION

The New-AzStorageEncryptionScope cmdlet creates an encryption scope for a Storage account.

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

-EncryptionScopeName <System.String>

Azure Storage EncryptionScope name

Required? true

Position? named
Default value None
Accept pipeline input? False
Accept wildcard characters? false

-KeyUri <System.String>

The key Uri

Required? true
Position? named
Default value None
Accept pipeline input? False
Accept wildcard characters? false

-KeyvaultEncryption <System.Management.Automation.SwitchParameter>

Create encryption scope with keySource as Microsoft.Keyvault

Required? true
Position? named
Default value False
Accept pipeline input? False
Accept wildcard characters? false

-RequireInfrastructureEncryption <System.Management.Automation.SwitchParameter>

The encryption scope will apply a secondary layer of encryption with platform managed keys for data at rest.

Required? false
Position? named
Default value False
Accept pipeline input? False
Accept wildcard characters? false

-ResourceGroupName <System.String>

Resource Group Name.

Required? true

Position? 0

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-StorageAccount <Microsoft.Azure.Commands.Management.Storage.Models.PSStorageAccount>

Storage account object

Required? true

Position? named

Default value None

Accept pipeline input? True (ByValue)

Accept wildcard characters? false

-StorageAccountName <System.String>

Storage Account Name.

Required? true

Position? 1

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-StorageEncryption <System.Management.Automation.SwitchParameter>

Create encryption scope with keySource as Microsoft.Storage.

Required? true

Position? named

Default value False

Accept pipeline input? False

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

Microsoft.Azure.Commands.Management.Storage.Models.PSStorageAccount

OUTPUTS

Microsoft.Azure.Commands.Management.Storage.Models.PSEncryptionScope

NOTES

Example 1: Create an encryption scope with Storage Encryption

```
New-AzStorageEncryptionScope -ResourceGroupName "myresourcegroup" -AccountName "mystorageaccount"
-EncryptionScopeName testscope -StorageEncryption
```

ResourceGroupName: myresourcegroup, StorageAccountName: mystorageaccount

Name	State	Source	KeyVaultKeyUri	RequireInfrastructureEncryption
testscope	Enabled	Microsoft.Storage		

This command creates an encryption scope with Storage Encryption.

Example 2: Create an encryption scope with Keyvault Encryption, and RequireInfrastructureEncryption

```
New-AzStorageEncryptionScope -ResourceGroupName "myresourcegroup" -AccountName "mystorageaccount" `
-EncryptionScopeName testscope -KeyvaultEncryption -KeyUri
"https://keyvalutname.vault.azure.net:443/keys/keyname/34a0ba563b4243d9a0ef2b1d3c0c7d57" `
-RequireInfrastructureEncryption
```

ResourceGroupName: myresourcegroup, StorageAccountName: mystorageaccount

Name	State	Source	KeyVaultKeyUri
			RequireInfrastructureEncryption

testscope

Enabled

Microsoft.Keyvault

<https://keyvalutname.vault.azure.net:443/keys/keyname/34a0ba563b4243d9a0ef2b1d3c0c7d57> True

This command creates an encryption scope with Keyvault Encryption and RequireInfrastructureEncryption. The Storage account Identity need have get,wrapkey,unwrapkey permissions to the keyvault key.

RELATED LINKS

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