



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

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

NAME

Get-AzStorageEncryptionScope

SYNOPSIS

Get or list encryption scopes from a Storage account.

SYNTAX

```

Get-AzStorageEncryptionScope [-ResourceGroupName] <System.String> [-StorageAccountName] <System.String>
[-DefaultProfile

    <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]
[-EncryptionScopeName <System.String>] [-Filter <System.String>] [-Include
    {All | Enabled | Disabled}] [-MaxPageSize <System.Nullable`1[System.Int32]>] [<CommonParameters>]

Get-AzStorageEncryptionScope [-DefaultProfile

    <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]
[-EncryptionScopeName

    <System.String>] [-Filter <System.String>] [-Include {All | Enabled | Disabled}] [-MaxPageSize

    <System.Nullable`1[System.Int32]>] -StorageAccount

    <Microsoft.Azure.Commands.Management.Storage.Models.PSStorageAccount> [<CommonParameters>]

```

DESCRIPTION

The Get-AzStorageEncryptionScope cmdlet gets or lists encryption scopes from 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? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-Filter <System.String>

The filter of encryption scope name. When specified, only encryption scope names starting with the filter will be listed.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-Include <System.String>

The filter of encryption scope name. When specified, only encryption scope names starting with the filter will be listed.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-MaxPageSize <System.Nullable`1[System.Int32]>

The maximum number of encryption scopes that will be included in the list response

Required? false

Position? named

Default value None

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

<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: Get a single encryption scope -----

```
Get-AzStorageEncryptionScope -ResourceGroupName "myresourcegroup" -AccountName "mystorageaccount"
-EncryptionScopeName $scopename
```

ResourceGroupName: myresourcegroup, StorageAccountName: mystorageaccount

Name	State	Source	KeyVaultKeyUri
testscope	Disabled	Microsoft.Keyvault	https://keyvalutname.vault.azure.net:443/keys/keyname

This command gets a single encryption scope.

-- Example 2: List all encryption scopes of a Storage account --

```
Get-AzStorageEncryptionScope -ResourceGroupName "myresourcegroup" -AccountName "mystorageaccount"
```

ResourceGroupName: myresourcegroup, StorageAccountName: mystorageaccount

Name	State	Source	KeyVaultKeyUri
testscope	Disabled	Microsoft.Keyvault	https://keyvalutname.vault.azure.net:443/keys/keyname
scope2	Enabled	Microsoft.Storage	

This command lists all encryption scopes of a Storage account.

Example 3: List all enabled encryption scopes of a Storage account with a max page size of 10 for each request

```
Get-AzStorageEncryptionScope -ResourceGroupName "myresourcegroup" -AccountName "mystorageaccount"
```

-MaxPageSize 10 -Include Enabled

ResourceGroupName: myresourcegroup, StorageAccountName: mystorageaccount

Name	State	Source	KeyVaultKeyUri
----	----	-----	-----
scope1	Enabled	Microsoft.Keyvault	https://keyvalutname.vault.azure.net:443/keys/keyname
scope2	Enabled	Microsoft.Storage	

This command lists all enabled encryption scopes of a Storage account, with a max page size of 10 encryption scopes included in each list response. If there are more

than 10 encryption scopes to be listed, the command will still list all the encryption scopes, but with multiple requests sent and responses received.

Example 4: List all disabled encryption scopes with names starting with "test" of a Storage account

Get-AzStorageEncryptionScope -ResourceGroupName "myresourcegroup" -AccountName "mystorageaccount" -Include Disabled -Filter "startswith(name, test)"

ResourceGroupName: myresourcegroup, StorageAccountName: mystorageaccount

Name	State	Source	KeyVaultKeyUri
----	----	-----	-----
testscope1	Disabled	Microsoft.Keyvault	https://keyvalutname.vault.azure.net:443/keys/keyname
testscope2	Disabled	Microsoft.Storage	

This command lists all disabled encryption scopes with names starting with "test" of a Storage account. The parameter "Filter" specifies the prefix of the encryption

scopes listed, and it should be in format of "startswith(name, {prefixValue})".

RELATED LINKS

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