



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

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

NAME

Get-AzKeyVaultManagedHsm

SYNOPSIS

Get managed HSMs.

SYNTAX

```
Get-AzKeyVaultManagedHsm [-Name] <System.String> [-Location] <System.String> [-DefaultProfile
    <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] -InRemovedState
[-SubscriptionId <System.String>] [-Tag
    <System.Collections.Hashtable>] [<CommonParameters>]
```

```
Get-AzKeyVaultManagedHsm [-DefaultProfile
    <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] -InRemovedState
[-SubscriptionId
    <System.String>] [-Tag <System.Collections.Hashtable>] [<CommonParameters>]
```

```
Get-AzKeyVaultManagedHsm [[-Name] <System.String>] [[-ResourceGroupName] <System.String>] [-DefaultProfile
    <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-SubscriptionId
    <System.String>] [-ResourceGroupName <System.String>] [-Tag <System.Collections.Hashtable>] [<CommonParameters>]
```

<System.String>] [-Tag <System.Collections.Hashtable>]
[<CommonParameters>]

DESCRIPTION

The Get-AzKeyVaultManagedHsm cmdlet gets information about the managed HSMs in a subscription. You can view all managed HSMs instances in a subscription, or filter

your results by a resource group or a particular managed HSM. Note that although specifying the resource group is optional for this cmdlet when you get a single

managed HSM, you should do so for better performance.

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

-InRemovedState <System.Management.Automation.SwitchParameter>

Specifies whether to show the previously deleted managed HSM pool in the output.

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

-Location <System.String>

The location of the deleted managed HSM pool.

Required? true
Position? 1
Default value None
Accept pipeline input? True (ByPropertyName)
Accept wildcard characters? false

-Name <System.String>

HSM name. Cmdlet constructs the FQDN of a HSM based on the name and currently selected environment.

Required? false
Position? 0
Default value None
Accept pipeline input? True (ByPropertyName)
Accept wildcard characters? true

-ResourceGroupName <System.String>

Specifies the name of the resource group associated with the managed HSM being queried.

Required? false
Position? 1
Default value None
Accept pipeline input? True (ByPropertyName)
Accept wildcard characters? true

-SubscriptionId <System.String>

The ID of the subscription. By default, cmdlets are executed in the subscription that is set in the current context. If the user specifies another subscription,

the current cmdlet is executed in the subscription specified by the user. Overriding subscriptions only take effect during the lifecycle of the current cmdlet. It

does not change the subscription in the context, and does not affect subsequent cmdlets.

Required? false

Position? named
Default value None
Accept pipeline input? True (ByPropertyName)
Accept wildcard characters? false

-Tag <System.Collections.Hashtable>

Specifies the key and optional value of the specified tag to filter the list of managed HSMs by.

Required? false
Position? named
Default value None
Accept pipeline input? True (ByPropertyName)
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.KeyVault.Models.PSManagedHsm

Microsoft.Azure.Commands.KeyVault.Models.PSKeyVaultIdentityItem

NOTES

- Example 1: Get all managed HSMs in your current subscription -

Get-AzKeyVaultManagedHsm

Name	Resource Group Name	Location	SKU	ProvisioningState	Security Domain	ActivationStatus
myhsm	test-rg	eastus	StandardB1	Succeeded		Active

This command gets all managed HSMs in your current subscription.

----- Example 2: Get a specific managed HSM -----

Get-AzKeyVaultManagedHsm -Name 'myhsm'

Name	Resource Group Name	Location	SKU	ProvisioningState	Security Domain	ActivationStatus
myhsm	test-rg	eastus	StandardB1	Succeeded		Active

This command gets the managed HSM named myhsm in your current subscription.

----- Example 3: Get managed HSMS in a resource group -----

Get-AzKeyVaultManagedHsm -ResourceGroupName 'myrg1'

Name	Resource Group Name	Location	SKU	ProvisioningState	Security Domain	ActivationStatus
myhsm	myrg1	eastus2euap	StandardB1	Succeeded		Active

This command gets all managed HSMS in the resource group named myrg1.

----- Example 4: Get managed HSMS using filtering -----

Get-AzKeyVaultManagedHsm -Name 'myhsm*'

Name	Resource Group Name	Location	SKU	ProvisioningState	Security Domain	ActivationStatus
myhsm	myrg1	eastus2euap	StandardB1	Succeeded		Active

This command gets all managed HSMS in the subscription that start with "myhsm".

----- Example 5: List deleted managed HSMS -----

Get-AzKeyVaultManagedHsm -InRemovedState

Name	Location	DeletionDate	ScheduledPurgeDate	Purge Protection Enabled?
xxxxxxx-mhsm-4op2n2g4xe	eastus2	12/30/2021 2:29:00 AM	3/30/2022 2:29:00 AM	True
xxxxxxx-mhsm-ertopo7tnxa	westus	12/29/2021 11:48:42 PM	3/29/2022 11:48:42 PM	True
xxxxxxx-mhsm-gg66fgctz67	westus	12/29/2021 11:48:42 PM	3/29/2022 11:48:42 PM	False
xxxxxxx-mhsm-2m5jiop6mfo	westcentralus	12/30/2021 12:26:14 AM	3/30/2022 12:26:14 AM	True

This command gets all deleted managed HSMs in current subscription.

RELATED LINKS

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

New-AzKeyVaultManagedHsm

Remove-AzKeyVaultManagedHsm

Update-AzKeyVaultManagedHsm

Undo-AzKeyVaultManagedHsmRemoval