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

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

NAME

Update-AzKeyVaultManagedHsm

SYNOPSIS

Update the state of an Azure managed HSM.

SYNTAX

Update-AzKeyVaultManagedHsm [-DefaultProfile <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-EnablePurgeProtection] -InputObject <Microsoft.Azure.Commands.KeyVault.Models.PSManagedHsm> [-PublicNetworkAccess <System.String>] [-SubscriptionId <System.String>] [-Tag <System.Collections.Hashtable>] [-UserAssignedIdentity <System.String[]>] [-Confirm] [-WhatIf] [<CommonParameters>]

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

[-UserAssignedIdentity <System.String[]>] [-Confirm] [-WhatIf] [<CommonParameters>]

Update-AzKeyVaultManagedHsm [-DefaultProfile <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-EnablePurgeProtection] [-PublicNetworkAccess <System.String>] -ResourceId <System.String> [-SubscriptionId <System.String>] [-Tag <System.Collections.Hashtable>] [-UserAssignedIdentity <System.String[]>] [-Confirm] [-WhatIf] [<CommonParameters>]

DESCRIPTION

This cmdlet updates the state of an Azure managed HSM.

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

-EnablePurgeProtection <System.Management.Automation.SwitchParameter>

specifying whether protection against purge is enabled for this managed HSM pool. The setting is effective only if soft delete is also enabled. Enabling this functionality is irreversible.

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

Accept wildcard characters? false

-InputObject <Microsoft.Azure.Commands.KeyVault.Models.PSManagedHsm>

Managed HSM object.

Required? true

Position? named

Default value None

Accept pipeline input? True (ByValue)

Accept wildcard characters? false

-Name <System.String>

Name of the managed HSM.

Required? true

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-PublicNetworkAccess <System.String>

Controls permission for data plane traffic coming from public networks while private endpoint is enabled.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-ResourceGroupName <System.String>

Name of the resource group.

Required? true

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-ResourceId <System.String>

Resource ID of the managed HSM.

Required? true

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-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>

A hash table which represents resource tags.

Required? false

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-UserAssignedIdentity <System.String[]>

The set of user assigned identities associated with the managed HSM. Its value 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? 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.KeyVault.Models.PSManagedHsm

System.String

System.Collections.Hashtable

OUTPUTS

Microsoft.Azure.Commands.KeyVault.Models.PSManagedHsm

NOTES

---------- Example 1: Update a managed Hsm directly ----------

Update-AzKeyVaultManagedHsm -Name $hsmName -ResourceGroupName $resourceGroupName -Tag @{testKey="testValue"} | Format-List

Managed HSM Name : testmhsm

Resource Group Name : testmhsm

Location : eastus2euap

Resource ID : /subscriptions/xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxx/resourceGroups/testmhsm/providers/Microsoft.KeyVault/managedHSMs/testmhsm

HSM Pool URI :

Tenant ID : xxxxxx-xxxx-xxxx-xxxxxxxxxxxx

Initial Admin Object Ids : xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxx

SKU : StandardB1

Soft Delete Enabled? : True

Enabled Purge Protection? : False

Soft Delete Retention Period (days) : 90

Provisioning State : Provisioning

Status Message : Resource creation in progress. Starting service...

Tags :

Name Value

==== =====

testKey testValued

Updates tags for the managed Hsm named `$hsmName` in resource group `$resourceGroupName`.

--------- Example 2: Update a managed Hsm using piping ---------

Get-AzKeyVaultManagedHsm -Name $hsmName -ResourceGroupName $resourceGroupName | Update-AzKeyVaultManagedHsm -Tag @{testKey="testValue"}

Updates tags for the managed Hsm using piping syntax.

----- Example 3: Enable purge protection for a managed Hsm -----

Update-AzKeyVaultManagedHsm -Name $hsmName -ResourceGroupName $resourceGroupName -EnablePurgeProtection | Format-List

Managed HSM Name : testmhsm

Resource Group Name : test-rg

Location : eastus

Resource ID : /subscriptions/xxxxxx71-1bf0-4dda-aec3-xxxxxxxxxxxx/resourceGroups/test-rg/provide
rs/Microsoft.KeyVault/managedHSMs/testmhsm

HSM Pool URI :

Tenant ID : 54xxxxxx-38d6-4fb2-bad9-xxxxxxxxxxxx

Initial Admin Object Ids : {xxxxxx9e-5be9-4f43-abd2-xxxxxxxxxxxx}

SKU : StandardB1

Soft Delete Enabled? : True

Enabled Purge Protection? : True

Soft Delete Retention Period (days) : 70

Provisioning State : Succeeded

Status Message : The Managed HSM is provisioned and ready to use.

Tags :

Enables purge protection for the managed Hsm named `$hsmName` in resource group `$resourceGroupName`.

-- Example 4: Update user assigned identity for a managed Hsm --

Update-AzKeyVaultManagedHsm -Name testmhsm -ResourceGroupName test-rg -UserAssignedIdentity
/subscriptions/xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxx/resourceGroups/bez-rg/providers/Microsoft.ManagedIdentity/userAssi
gnedIdentities/bez-id02 | Format-List

Managed HSM Name : testmshm

Resource Group Name : test-rg

Location : eastus2euap

Resource ID : /subscriptions/xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxx/resourceGroups/test-rg/pro
viders/Microsoft.KeyVault/managedHSMs/testmhsm

HSM Pool URI :

Tenant ID : xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxx

Initial Admin Object Ids : {xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxx}

SKU : StandardB1

Soft Delete Enabled? : True

Enabled Purge Protection? : False

Soft Delete Retention Period (days) : 70

Public Network Access : Enabled

IdentityType : UserAssigned

UserAssignedIdentities :
/subscriptions/xxxx/resourceGroups/xxxx/providers/Microsoft.ManagedIdentity/userAssignedIdentities/identityName

Provisioning State : Succeeded

Status Message : The Managed HSM is provisioned and ready to use.

Security Domain ActivationStatus : Active

Security Domain ActivationStatusMessage : Your HSM has been activated and can be used for cryptographic operations.

Regions :

Tags

This command adds an user assigned identity for the managed Hsm named `testmshm` in resource group `test-rg`.

RELATED LINKS

Online Version: https://learn.microsoft.com/powershell/module/az.keyvault/update-azkeyvaultmanagedhsm

New-AzKeyVaultManagedHsm

Remove-AzKeyVaultManagedHsm

Get-AzKeyVaultManagedHsm

Undo-AzKeyVaultManagedHsmRemoval