



Windows PowerShell Get-Help on Cmdlet 'Set-AzApiManagement'

PS:\>Get-HELP Set-AzApiManagement -Full

NAME

Set-AzApiManagement

SYNOPSIS

Updates an Azure Api Management service

SYNTAX

```
Set-AzApiManagement [-AsJob] [-DefaultProfile  
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] -InputObject  
<Microsoft.Azure.Commands.ApiManagement.Models.PsApiManagement> [-PassThru] [-SystemAssignedIdentity]  
[-UserAssignedIdentity <System.String[]>] [-Confirm] [-WhatIf]  
[<CommonParameters>]
```

DESCRIPTION

The Set-AzApiManagement cmdlet updates an Azure API Management service.

-AsJob <System.Management.Automation.SwitchParameter>

Run cmdlet in the background

Required? false

Position? named

Default value False

Accept pipeline input? False

Accept wildcard characters? false

-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

-InputObject <Microsoft.Azure.Commands.ApiManagement.Models.PsApiManagement>

The ApiManagement instance.

Required? true

Position? named

Default value None

Accept pipeline input? True (ByValue)

Accept wildcard characters? false

-PassThru <System.Management.Automation.SwitchParameter>

Sends updated PsApiManagement to pipeline if operation succeeds.

Required? false

Position? named

Default value False

Accept pipeline input? False

Accept wildcard characters? false

-SystemAssignedIdentity <System.Management.Automation.SwitchParameter>

Generate and assign an Azure Active Directory Identity for this server for use with key management services like Azure KeyVault.

Required? false

Position? named

Default value False

Accept pipeline input? False

Accept wildcard characters? false

-UserAssignedIdentity <System.String[]>

Assign User Identities to this server for use with key management services like Azure KeyVault.

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

Microsoft.Azure.Commands.ApiManagement.Models.PsApiManagement

OUTPUTS

Microsoft.Azure.Commands.ApiManagement.Models.PsApiManagement

NOTES

Example 1: Get an API Management service and scale it to Premium and Add a region

```
$apim = Get-AzApiManagement -ResourceGroupName "ContosoGroup" -Name "ContosoApi"
```

```
$apim.Sku = "Premium"
```

```
$apim.Capacity = 5
```

```
$apim.AddRegion("Central US", "Premium", 3)
```

```
Set-AzApiManagement -InputObject $apim
```

This example gets an Api Management instance, scales it to five premium units and then adds an additional three units to the premium region.

----- Example 2: Update deployment (external VNET) -----

```
$virtualNetwork = New-AzApiManagementVirtualNetwork -SubnetResourceId  
"/subscriptions/a8ff56dc-3bc7-4174-a1e8-3726ab15d0e2/resourceGroups/Api-Default-WestUS/providers/  
Microsoft.Network/virtualNetworks/dfVirtualNetwork/subnets/backendSubnet"  
$apim = Get-AzApiManagement -ResourceGroupName "ContosoGroup" -Name "ContosoApi"  
$apim.VpnType = "External"  
$apim.VirtualNetwork = $virtualNetwork  
Set-AzApiManagement -InputObject $apim
```

This command updates an existing API Management deployment and joins to an external VpnType .

Example 3: Create and initialize an instance of PsApiManagementCustomHostNameConfiguration using an Secret from KeyVault Resource

```
$portal = New-AzApiManagementCustomHostnameConfiguration -Hostname "portal.contoso.com" -HostnameType Portal  
-KeyVaultId  
"https://apim-test-keyvault.vault.azure.net/secrets/api-portal-custom-ssl.pfx"  
$proxy1 = New-AzApiManagementCustomHostnameConfiguration -Hostname "gatewayl.contoso.com" -HostnameType  
Proxy -KeyVaultId  
"https://apim-test-keyvault.vault.azure.net/secrets/contoso-proxy-custom-ssl.pfx"  
$proxy2 = New-AzApiManagementCustomHostnameConfiguration -Hostname "gatewayl.foobar.com" -HostnameType  
Proxy -KeyVaultId  
"https://apim-test-keyvault.vault.azure.net/secrets/foobar-proxy-custom-ssl.pfx"  
$proxyCustomConfig = @($proxy1,$proxy2)
```

```
$apim = Get-AzApiManagement -ResourceGroupName "ContosoGroup" -Name "ContosoApi"
$apim.PortalCustomHostnameConfiguration = $portal
$apim.ProxyCustomHostnameConfiguration = $proxyCustomConfig
Set-AzApiManagement -InputObject $apim -SystemAssignedIdentity
```

Example 4: Update Publisher Email, NotificationSender Email and Organization Name

```
$apim = Get-AzApiManagement -ResourceGroupName "api-Default-West-US" -Name "Contoso"
$apim.PublisherEmail = "foobar@contoso.com"
$apim.NotificationSenderEmail = "notification@contoso.com"
$apim.OrganizationName = "Contoso"
Set-AzApiManagement -InputObject $apim -PassThru
```

---- Example 5: Add Managed Certificate to an APIM Service ----

```
$gateway=New-AzApiManagementCustomHostnameConfiguration -Hostname freecertCanary.contoso.api
-HostnameType Proxy -ManagedCertificate
$customConfig= @($gateway)
$apim=Get-AzApiManagement -ResourceGroupName contosogroup -Name contosoapim
$apim.ProxyCustomHostnameConfiguration = $customConfig
Set-AzApiManagement -InputObject $apim -PassThru
```

PublicIPAddresses : {20.45.236.81}

PrivateIPAddresses :

Id : /subscriptions/a200340d-6b82-494d-9dbf-687ba6e33f9e/resourceGroups/Api-Default-

Central-US-EUAP/providers/Microsoft.ApiManagement/service/contosoapim

Name : contosoapim

Location : Central US EUAP

Sku : Developer

Capacity : 1

CreatedTimeUtc : 8/24/2021 10:40:21 PM

ProvisioningState : Succeeded

RuntimeUrl : https://contosoapim.azure-api.net

RuntimeRegionalUrl : https://contosoapim-centraluseuap-01.regional.azure-api.net

PortalUrl : https://contosoapim.portal.azure-api.net

DeveloperPortalUrl : https://contosoapim.developer.azure-api.net

ManagementApiUrl : https://contosoapim.management.azure-api.net

ScmUrl : https://contosoapim.scm.azure-api.net

PublisherEmail : zhonren@microsoft.com

OrganizationName : Microsoft

NotificationSenderEmail : apimgmt-noreply@mail.windowsazure.com

VirtualNetwork :

VpnType : None

PortalCustomHostnameConfiguration :

ProxyCustomHostnameConfiguration : {contosoapim.azure-api.net, freecertCanary..contoso.api}

ManagementCustomHostnameConfiguration :

ScmCustomHostnameConfiguration :

DeveloperPortalHostnameConfiguration :

SystemCertificates :

Tags : {}

AdditionalRegions : {}

SslSetting : Microsoft.Azure.Commands.ApiManagement.Models.PsApiManagementSslSetting

Identity : Microsoft.Azure.Commands.ApiManagement.Models.PsApiManagementServiceIdentity

EnableClientCertificate :

Zone :

DisableGateway : False

MinimalControlPlaneApiVersion :

PublicIpAddressId :

PlatformVersion : stv2

PublicNetworkAccess : Enabled
PrivateEndpointConnections :
ResourceGroupName : contosogroup

\$apim.ProxyCustomHostnameConfiguration

CertificateInformation :
EncodedCertificate :
HostnameType : Proxy
CertificatePassword :
Hostname : contosoapim.azure-api.net
KeyVaultId :
DefaultSslBinding : False
NegotiateClientCertificate : False
IdentityClientId :
CertificateStatus :
CertificateSource : BuiltIn

CertificateInformation : Microsoft.Azure.Commands.ApiManagement.Models.PsApiManagementCertificateInformation
EncodedCertificate :
HostnameType : Proxy
CertificatePassword :
Hostname : freecertCanary.contoso.api
KeyVaultId :
DefaultSslBinding : True
NegotiateClientCertificate : False
IdentityClientId :
CertificateStatus :
CertificateSource : Managed

This sample adds a Managed Certificates to an API Management service.

RELATED LINKS

Online Version: <https://learn.microsoft.com/powershell/module/az.apimanagement/set-azapimanagement>

[Get-AzApiManagement](#)

[New-AzApiManagement](#)

[Remove-AzApiManagement](#)