



Windows PowerShell Get-Help on Cmdlet 'Add-AzApiManagementRegion'

PS:\>Get-HELP Add-AzApiManagementRegion -Full

NAME

Add-AzApiManagementRegion

SYNOPSIS

Adds new deployment regions to a PsApiManagement instance.

SYNTAX

```

Add-AzApiManagementRegion -ApiManagement
<Microsoft.Azure.Commands.ApiManagement.Models.PsApiManagement> [-Capacity <System.Nullable`1[System.Int32]>]
[-DefaultProfile <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]
[-DisableGateway <System.Nullable`1[System.Boolean]>]
-Location <System.String> [-PublicIpAddressId <System.String>] [-Sku {Developer | Standard | Premium | Basic |
Consumption | Isolated}] [-VirtualNetwork
<Microsoft.Azure.Commands.ApiManagement.Models.PsApiManagementVirtualNetwork>] [-Zone <System.String[]>]
[<CommonParameters>]

```

DESCRIPTION

The Add-AzApiManagementRegion cmdlet adds new instance of type PsApiManagementRegion to the collection of

AdditionalRegions of provided instance of type

Microsoft.Azure.Commands.ApiManagement.Models.PsApiManagement . This cmdlet does not deploy anything by itself but updates instance of PsApiManagement in-memory. To update a deployment of an API Management pass the modified PsApiManagement Instance to Set-AzApiManagement.

PARAMETERS

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

Specifies the PsApiManagement instance that this cmdlet adds additional deployment regions to.

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

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

Specifies the SKU capacity of the deployment region.

Required?	false
Position?	named
Default value	None
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

-DisableGateway <System.Nullable`1[System.Boolean]>

Flag only meant to be used for Premium SKU ApiManagement Service and Non Internal VNET deployments. This is useful in case we want to take a gateway region out of

rotation. This can also be used to standup a new region in Passive mode, test it and then make it Live later. Default behavior is to make the region live immediately.

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

-Location <System.String>

Specifies the location of the new deployment region amongst the supported region for Api Management service. To obtain valid locations, use the cmdlet

```
Get-AzResourceProvider -ProviderNamespace "Microsoft.ApiManagement" | where  
{$_ .ResourceTypes[0].ResourceTypeName -eq "service"} | Select-Object Locations
```

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

-PublicIpAddressId <System.String>

Standard SKU PublicIpAddress ResourceId for integration into stv2 Virtual Network Deployments

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

Accept wildcard characters? false

-Sku <System.Nullable`1[Microsoft.Azure.Commands.ApiManagement.Models.PsApiManagementSku]>

Specifies the tier of the deployment region. Valid values are: - Developer

- Standard

- Premium

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-VirtualNetwork <Microsoft.Azure.Commands.ApiManagement.Models.PsApiManagementVirtualNetwork>

Specifies a virtual network configuration.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-Zone <System.String[]>

A list of availability zones denoting where the api management service is deployed into.

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 \(https://go.microsoft.com/fwlink/?LinkID=113216\)](https://go.microsoft.com/fwlink/?LinkID=113216).

INPUTS

Microsoft.Azure.Commands.ApiManagement.Models.PsApiManagement

OUTPUTS

Microsoft.Azure.Commands.ApiManagement.Models.PsApiManagement

NOTES

The cmdlet writes updated PsApiManagement * instance to pipeline.

Example 1: Add new deployment regions to a PsApiManagement instance

```
Add-AzApiManagementRegion -ApiManagement $ApiManagement -Location "East US" -Sku "Premium" -Capacity 2
```

This command adds two premium SKU units and the region named East US to the PsApiManagement instance.

Example 2: Add new deployment regions to a PsApiManagement instance and then update deployment

```
$service = Get-AzApiManagement -ResourceGroupName "Contoso" -Name "ContosoApi"
```

```
$service = Add-AzApiManagementRegion -ApiManagement $service -Location $secondarylocation -VirtualNetwork $additionalRegionVirtualNetwork
```

```
$service = Set-AzApiManagement -InputObject $service -PassThru
```

This command gets a PsApiManagement object, adds two premium SKU units for the region named East US, and then updates deployment.

RELATED LINKS

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

[Remove-AzApiManagementRegion](#)

[Update-AzApiManagementRegion](#)

[Set-AzApiManagement](#)