



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

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

NAME

New-AzApiManagementRegion

SYNOPSIS

Creates an instance of PsApiManagementRegion.

SYNTAX

```
New-AzApiManagementRegion [-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> [-VirtualNetwork
<Microsoft.Azure.Commands.ApiManagement.Models.PsApiManagementVirtualNetwork>] [-Zone
<System.String[]>] [<CommonParameters>]
```

DESCRIPTION

Helper command to create an instance of PsApiManagementRegion. This command is to be used with New-AzApiManagement command.

PARAMETERS

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

Sku capacity of the Azure API Management service additional region. Default value is 1.

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

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

Virtual Network Configuration of Azure API Management deployment region. Default value is \$null.

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

INPUTS

Microsoft.Azure.Commands.ApiManagement.Models.PsApiManagementVirtualNetwork

OUTPUTS

Microsoft.Azure.Commands.ApiManagement.Models.PsApiManagementRegion

NOTES

----- Example 1 -----

```
$apimRegion = New-AzApiManagementRegion -Location "Central US"
```

```
$additionalRegions = @($apimRegion)
```

```
New-AzApiManagement -ResourceGroupName ContosoGroup -Location "West US" -Name ContosoApi -Organization
Contoso -AdminEmail admin@contoso.com -AdditionalRegions

$additionalRegions -Sku "Premium"
```

----- Example 2 -----

```
$apimRegionVirtualNetwork = New-AzApiManagementVirtualNetwork -SubnetResourceId
"/subscriptions/a8ff56dc-3bc7-4174-a1e8-3726ab15d0e2/resourceGroups/ContosoGroup/provid
ers/Microsoft.Network/virtualNetworks/centralusvirtualNetwork/subnets/backendSubnet"
```

```
$apimRegion = New-AzApiManagementRegion -Location "Central US" -VirtualNetwork $apimRegionVirtualNetwork
```

```
$additionalRegions = @($apimRegion)
```

```
$virtualNetwork = New-AzApiManagementVirtualNetwork -SubnetResourceId
"/subscriptions/a8ff56dc-3bc2-4174-a1e8-3726ab15d0e2/resourceGroups/ContosoGroup/providers/Micros
oft.Network/virtualNetworks/westUsVirtualNetwork/subnets/backendSubnet"
```

```
New-AzApiManagement -ResourceGroupName ContosoGroup -Location "West US" -Name ContosoApi -Organization
Contoso -AdminEmail admin@contoso.com -AdditionalRegions

$additionalRegions -VirtualNetwork $virtualNetwork -VpnType "External" -Sku "Premium"
```

Creates an ApiManagement service of External VpnType in West US Region, with an Additional Region in Central US.

RELATED LINKS

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

