



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

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

NAME

New-AzApiManagementVirtualNetwork

SYNOPSIS

Creates an instance of PsApiManagementVirtualNetwork.

SYNTAX

```
New-AzApiManagementVirtualNetwork [-DefaultProfile  
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] -SubnetResourceId  
<System.String> [<CommonParameters>]
```

DESCRIPTION

The New-AzApiManagementVirtualNetwork cmdlet is a helper command to create an instance of PsApiManagementVirtualNetwork . This command is used with Set-AzApiManagement and New-AzApiManagement cmdlet.

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

-SubnetResourceId <System.String>

Specifies the subnet resource ID of the virtual network.

Required? true

Position? named

Default value None

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

None

OUTPUTS

Microsoft.Azure.Commands.ApiManagement.Models.PsApiManagementVirtualNetwork

NOTES

Example 1: Create a virtual network and Update an existing APIM service into the 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 example creates a virtual network and then calls the Set-AzApiManagement cmdlet.

Example 2: Create an API Management service for an external virtual network

```
$virtualNetwork = New-AzApiManagementVirtualNetwork -SubnetResourceId  
"/subscriptions/a8ff56dc-3bc7-4174-b1e8-3726ab15d0e2/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 -VirtualNetwork  
$virtualNetwork -VpnType "External" -Sku "Premium"
```

This example creates a new APIM service into a Virtual Network in `External` mode

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

Set-AzApiManagement

New-AzApiManagement