



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

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

WARNING: The names of some imported commands from the module 'Microsoft.Azure.PowerShell.Cmdlets.Network' include unapproved verbs that might make them less discoverable.

To find the commands with unapproved verbs, run the Import-Module command again with the Verbose parameter. For a list of approved verbs, type Get-Verb.

NAME

New-AzPrivateEndpoint

SYNOPSIS

Creates a private endpoint.

SYNTAX

```

New-AzPrivateEndpoint [-ApplicationSecurityGroup
<Microsoft.Azure.Commands.Network.Models.PSApplicationSecurityGroup[]>] [-AsJob] [-ByManualRequest]
[-CustomNetworkInterfaceName <System.String>] [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-EdgeZone
<System.String>] [-Force] [-IpConfiguration
<Microsoft.Azure.Commands.Network.Models.PSPriateEndpointIPConfiguration[]>] -Location <System.String> -Name
<System.String> -PrivateLinkServiceConnection
<Microsoft.Azure.Commands.Network.Models.PSPriateLinkServiceConnection[]>] -ResourceGroupName <System.String>

```

-Subnet

<Microsoft.Azure.Commands.Network.Models.PSSubnet> [-Tag <System.Collections.Hashtable>] [-Confirm] [-WhatIf]
[<CommonParameters>]

DESCRIPTION

The New-AzPrivateEndpoint cmdlet creates a private endpoint.

PARAMETERS

-ApplicationSecurityGroup <Microsoft.Azure.Commands.Network.Models.PSApplicationSecurityGroup[]>

The application security group

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-AsJob <System.Management.Automation.SwitchParameter>

Run cmdlet as a job in the background.

Required? false

Position? named

Default value False

Accept pipeline input? False

Accept wildcard characters? false

-ByManualRequest <System.Management.Automation.SwitchParameter>

Use manual request to establish the connection.

Required? false

Position? named

Default value False
Accept pipeline input? False
Accept wildcard characters? false

-CustomNetworkInterfaceName <System.String>

The custom network interface name

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

-EdgeZone <System.String>

The edge zone of the private endpoint

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

-Force <System.Management.Automation.SwitchParameter>

Do not ask for confirmation to overwrite a resource.

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

-IpConfiguration <Microsoft.Azure.Commands.Network.Models.PSPrivateEndpointIPConfiguration[]>

The private endpoint IP configuration

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

-Location <System.String>

Specifies a location for the private endpoint. Use `Get-AzLocation (/powershell/module/az.resources/get-azlocation)` to determine valid values for this parameter.

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

-Name <System.String>

Name of the private endpoint.

Required?	true
Position?	named
Default value	None
Accept pipeline input?	True (ByPropertyName)

Accept wildcard characters? false

-PrivateLinkServiceConnection <Microsoft.Azure.Commands.Network.Models.PSPrivateLinkServiceConnection[]>

The resource ID to connect the private endpoint.

Required? true

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-ResourceGroupName <System.String>

Specifies the name of the resource group.

Required? true

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-Subnet <Microsoft.Azure.Commands.Network.Models.PSSubnet>

The subnet of the private endpoint.

Required? true

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-Tag <System.Collections.Hashtable>

Key-value pairs in the form of a hash table. For example: @{key0='value0';key1=\$null;key2='value2'}

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

INPUTS

System.String

Microsoft.Azure.Commands.Network.Models.PSSubnet

Microsoft.Azure.Commands.Network.Models.PSPriateLinkServiceConnection[]

OUTPUTS

Microsoft.Azure.Commands.Network.Models.PSPriateEndpoint

NOTES

----- Example 1: Create a private endpoint -----

```
$virtualNetwork = Get-AzVirtualNetwork -ResourceName 'myVirtualNetwork' -ResourceGroupName 'myResourceGroup'
```

```
$subnet = $virtualNetwork | Select-Object -ExpandProperty subnets | Where-Object Name -eq 'mySubnet'
```

```
$plsConnection= New-AzPrivateLinkServiceConnection -Name 'MyPLSConnections' -PrivateLinkServiceId
```

```
'/subscriptions/00000000-0000-0000-0000-000000000000/resourceGroups/myResourceGroup/providers/Microsoft.Network/  
privateLinkServices/privateLinkService'
```

```
-RequestMessage 'Please Approve my request'
```

```
New-AzPrivateEndpoint -Name 'MyPrivateEndpoint' -ResourceGroupName 'myResourceGroup' -Location 'centralus'
```

```
-PrivateLinkServiceConnection $plsConnection -Subnet $subnet
```

RELATED LINKS

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

[Get-AzPrivateEndpoint](#)

[Remove-AzPrivateEndpoint](#)

[New-AzPrivateLinkServiceConnection](#)