



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

PS:\>Get-HELP New-AzPrivateLinkService -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-AzPrivateLinkService

SYNOPSIS

Creates a private link service

SYNTAX

```
New-AzPrivateLinkService [-AsJob] [-AutoApproval <System.String[]>] [-DefaultProfile
    <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-EdgeZone
    <System.String>] [-EnableProxyProtocol] [-Force]
    -IpConfiguration <Microsoft.Azure.Commands.Network.Models.PSPriateLinkServiceIpConfiguration[]>
    -LoadBalancerFrontendIpConfiguration
    <Microsoft.Azure.Commands.Network.Models.PSFrontendIPConfiguration[]> -Location <System.String> -Name
    <System.String> -ResourceGroupName <System.String> [-Tag
    <System.Collections.Hashtable>] [-Visibility <System.String[]>] [-Confirm] [-WhatIf] [<CommonParameters>]
```

DESCRIPTION

The New-AzPrivateLinkService cmdlet creates a private link service

PARAMETERS

-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

-AutoApproval <System.String[]>

The auto approval subscriptions of private link service

Required? false

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

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 link service

Required? false

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-EnableProxyProtocol <System.Management.Automation.SwitchParameter>

Enable proxy protocol for the private link service.

Required? false

Position? named

Default value False

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-Force <System.Management.Automation.SwitchParameter>

Do not ask for confirmation if you want 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.PSPriateLinkServiceIpConfiguration[]>

The ip configurations

Required? true

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-LoadBalancerFrontendIpConfiguration <Microsoft.Azure.Commands.Network.Models.PSFrontendIPConfiguration[]>

The front end ip configurations

Required? true

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-Location <System.String>

location.

Required? true

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-Name <System.String>

The name of the service.

Required? true

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-ResourceGroupName <System.String>

The resource group name.

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

-Visibility <System.String[]>

The visibility subscriptions of private link service

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

System.String

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

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

OUTPUTS

Microsoft.Azure.Commands.Network.Models.PSPrivateLinkService

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

```
$vnet = Get-AzVirtualNetwork -ResourceName 'myvnet' -ResourceGroupName 'myresourcegroup'

# View the results of $vnet and change 'mysubnet' in the following line to the appropriate subnet name.

$subnet = $vnet | Select-Object -ExpandProperty subnets | Where-Object Name -eq 'mysubnet'

$IPConfig = New-AzPrivateLinkServiceIpConfig -Name 'IP-Config' -Subnet $subnet -PrivateIpAddress '10.0.0.5'

$publicip = Get-AzPublicIpAddress -ResourceGroupName 'myresourcegroup'

$frontend = New-AzLoadBalancerFrontendIpConfig -Name 'FrontendIpConfig01' -PublicIpAddress $publicip

$lb = New-AzLoadBalancer -Name 'MyLoadBalancer' -ResourceGroupName 'myresourcegroup' -Location 'West US'

-FrontendIpConfiguration $frontend

    New-AzPrivateLinkService -Name 'mypls' -ResourceGroupName myresourcegroup -Location "West US"

-LoadBalancerFrontendIpConfiguration $frontend -IpConfiguration $IPConfig
```

RELATED LINKS

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

Get-AzPrivateLinkService

Remove-AzPrivateLinkService

New-AzPrivateLinkServiceIpConfig