



Windows PowerShell Get-Help on Cmdlet 'New-AzP2sVpnGateway'

PS: \>Get-HELP New-AzP2sVpnGateway -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-AzP2sVpnGateway

SYNOPSIS

Create a new P2SVpnGateway under VirtualHub for point to site connectivity.

SYNTAX

```
New-AzP2sVpnGateway [-AsJob] [-CustomDnsServer <System.String[]>] [-DefaultProfile
    <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]
[-DisableInternetSecurityFlag] [-EnableInternetSecurityFlag]
    [-EnableRoutingPreferenceInternetFlag] -Name <System.String> [-P2SConnectionConfiguration
    <Microsoft.Azure.Commands.Network.Models.PSP2SConnectionConfiguration[]>]
    [-ResourceGroupName <System.String>] [-RoutingConfiguration
    <Microsoft.Azure.Commands.Network.Models.PSRoutingConfiguration>] [-Tag <System.Collections.Hashtable>]
    -VirtualHub <Microsoft.Azure.Commands.Network.Models.PSVirtualHub> [-VpnClientAddressPool <System.String[]>]
```

-VpnGatewayScaleUnit <System.UInt32>

[-VpnServerConfiguration <Microsoft.Azure.Commands.Network.Models.PSVpnServerConfiguration>] [-Confirm] [-WhatIf]
[<CommonParameters>]

New-AzP2sVpnGateway [-AsJob] [-CustomDnsServer <System.String[]>] [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]
[-DisableInternetSecurityFlag] [-EnableInternetSecurityFlag]
[-EnableRoutingPreferenceInternetFlag] -Name <System.String> [-P2SConnectionConfiguration
<Microsoft.Azure.Commands.Network.Models.PSP2SConnectionConfiguration[]>]
-ResourceGroupName <System.String> [-RoutingConfiguration
<Microsoft.Azure.Commands.Network.Models.PSRoutingConfiguration>] [-Tag <System.Collections.Hashtable>]
-VirtualHub <Microsoft.Azure.Commands.Network.Models.PSVirtualHub> [-VpnClientAddressPool <System.String[]>]
-VpnGatewayScaleUnit <System.UInt32>
-VpnServerConfigurationId <System.String> [-Confirm] [-WhatIf] [<CommonParameters>]

New-AzP2sVpnGateway [-AsJob] [-CustomDnsServer <System.String[]>] [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]
[-DisableInternetSecurityFlag] [-EnableInternetSecurityFlag]
[-EnableRoutingPreferenceInternetFlag] -Name <System.String> [-P2SConnectionConfiguration
<Microsoft.Azure.Commands.Network.Models.PSP2SConnectionConfiguration[]>]
-ResourceGroupName <System.String> [-RoutingConfiguration
<Microsoft.Azure.Commands.Network.Models.PSRoutingConfiguration>] [-Tag <System.Collections.Hashtable>]
-VirtualHubId <System.String> [-VpnClientAddressPool <System.String[]>] -VpnGatewayScaleUnit <System.UInt32>
[-VpnServerConfiguration
<Microsoft.Azure.Commands.Network.Models.PSVpnServerConfiguration>] [-Confirm] [-WhatIf] [<CommonParameters>]

New-AzP2sVpnGateway [-AsJob] [-CustomDnsServer <System.String[]>] [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]
[-DisableInternetSecurityFlag] [-EnableInternetSecurityFlag]
[-EnableRoutingPreferenceInternetFlag] -Name <System.String> [-P2SConnectionConfiguration
<Microsoft.Azure.Commands.Network.Models.PSP2SConnectionConfiguration[]>]
-ResourceGroupName <System.String> [-RoutingConfiguration
<Microsoft.Azure.Commands.Network.Models.PSRoutingConfiguration>] [-Tag <System.Collections.Hashtable>]

```

-VirtualHubId <System.String> [-VpnClientAddressPool <System.String[]>] -VpnGatewayScaleUnit <System.UInt32>
-VpnServerConfigurationId <System.String> [-Confirm]
[-WhatIf] [<CommonParameters>]

```

```

New-AzP2sVpnGateway [-AsJob] [-CustomDnsServer <System.String[]>] [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]
[-DisableInternetSecurityFlag] [-EnableInternetSecurityFlag]
[-EnableRoutingPreferenceInternetFlag] -Name <System.String> [-P2SConnectionConfiguration
<Microsoft.Azure.Commands.Network.Models.PSP2SConnectionConfiguration[]>]
-ResourceGroupName <System.String> [-RoutingConfiguration
<Microsoft.Azure.Commands.Network.Models.PSRoutingConfiguration>] [-Tag <System.Collections.Hashtable>]
-VirtualHubName <System.String> [-VpnClientAddressPool <System.String[]>] -VpnGatewayScaleUnit <System.UInt32>
[-VpnServerConfiguration
<Microsoft.Azure.Commands.Network.Models.PSVpnServerConfiguration>] [-Confirm] [-WhatIf] [<CommonParameters>]

```

```

New-AzP2sVpnGateway [-AsJob] [-CustomDnsServer <System.String[]>] [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]
[-DisableInternetSecurityFlag] [-EnableInternetSecurityFlag]
[-EnableRoutingPreferenceInternetFlag] -Name <System.String> [-P2SConnectionConfiguration
<Microsoft.Azure.Commands.Network.Models.PSP2SConnectionConfiguration[]>]
-ResourceGroupName <System.String> [-RoutingConfiguration
<Microsoft.Azure.Commands.Network.Models.PSRoutingConfiguration>] [-Tag <System.Collections.Hashtable>]
-VirtualHubName <System.String> [-VpnClientAddressPool <System.String[]>] -VpnGatewayScaleUnit <System.UInt32>
-VpnServerConfigurationId <System.String> [-Confirm]
[-WhatIf] [<CommonParameters>]

```

DESCRIPTION

The New-AzP2sVpnGateway cmdlet enables you to create a new P2SVpnGateway under VirtualHub for Point to site connectivity from Point to site clients to Azure

VirtualWan.

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

-CustomDnsServer <System.String[]>

The list of Custom Dns Servers.

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

-DisableInternetSecurityFlag <System.Management.Automation.SwitchParameter>

Flag to disable internet security feature on this P2SVpnGateway P2SConnectionConfiguration.

Required? false

Position? named

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

-EnableInternetSecurityFlag <System.Management.Automation.SwitchParameter>

Enable internet security flag for this P2SVpnGateway connections

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

-EnableRoutingPreferenceInternetFlag <System.Management.Automation.SwitchParameter>

Flag to enable Routing Preference Internet on this P2SVpnGateway.

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

-Name <System.String>

The resource name.

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

-P2SConnectionConfiguration <Microsoft.Azure.Commands.Network.Models.PSP2SConnectionConfiguration[]>

The list of P2SConnectionConfigurations that this P2SVpnGateway needs to have.

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

-ResourceGroupName <System.String>

The resource name.

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

-RoutingConfiguration <Microsoft.Azure.Commands.Network.Models.PSRoutingConfiguration>

Routing configuration for this connection

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

-Tag <System.Collections.Hashtable>

A hashtable which represents resource tags.

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

-VirtualHub <Microsoft.Azure.Commands.Network.Models.PSVirtualHub>

The VirtualHub this P2SVpnGateway needs to be associated with.

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

-VirtualHubId <System.String>

The Id of the VirtualHub this P2SVpnGateway needs to be associated with.

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

-VirtualHubName <System.String>

The Id of the VirtualHub this P2SVpnGateway needs to be associated with.

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

-VpnClientAddressPool <System.String[]>

P2S VpnClient AddressPool for this P2SVpnGateway P2SConnectionConfiguration.

Required?	false
Position?	named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-VpnGatewayScaleUnit <System.UInt32>

The scale unit for this P2SVpnGateway.

Required? true

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-VpnServerConfiguration <Microsoft.Azure.Commands.Network.Models.PSVpnServerConfiguration>

The VpnServerConfiguration to be attached to this P2SVpnGateway.

Required? false

Position? named

Default value None

Accept pipeline input? True (ByValue)

Accept wildcard characters? false

-VpnServerConfigurationId <System.String>

The id of Vpn server configuration object this P2SVpnGateway will be attached to.

Required? true

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

Microsoft.Azure.Commands.Network.Models.PSVirtualHub
System.String Microsoft.Azure.Commands.Network.Models.PSVpnServerConfiguration

OUTPUTS

Microsoft.Azure.Commands.Network.Models.PSP2SVpnGateway

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

```
$virtualHub = Get-AzVirtualHub -ResourceGroupName P2SCortexGATesting -Name WestUsVirtualHub
$vpnServerConfig1 = Get-AzVpnServerConfiguration -ResourceGroupName P2SCortexGATesting -Name WestUsConfig
$vpnClientAddressSpaces = New-Object string[] 1
$vpnClientAddressSpaces[0] = "192.168.2.0/24"

$createdP2SVpnGateway = New-AzP2sVpnGateway -ResourceGroupName P2SCortexGATesting -Name
683482ade8564515aed4b8448c9757ea-westus-gw -VirtualHub $virtualHub
-VpnGatewayScaleUnit 1 -VpnClientAddressPool $vpnClientAddressSpaces -VpnServerConfiguration
$vpnServerConfig1 -EnableInternetSecurityFlag
-EnableRoutingPreferenceInternetFlag

ResourceGroupName      : P2SCortexGATesting
Name                   : 683482ade8564515aed4b8448c9757ea-westus-gw
Id                     :

/subscriptions/b1f1deed-af60-4bab-9223-65d340462e24/resourceGroups/P2SCortexGATesting/providers/Microsoft.Network
/p2sVpnGateways/683482ade8564515a
ed4b8448c9757ea-westus-gw

Location               : westus
VpnGatewayScaleUnit    : 1
VirtualHub              :

/subscriptions/b1f1deed-af60-4bab-9223-65d340462e24/resourceGroups/P2SCortexGATesting/providers/Microsoft.Network
/virtualHubs/WestUsVirtualHub

VpnServerConfiguration :

/subscriptions/b1f1deed-af60-4bab-9223-65d340462e24/resourceGroups/P2SCortexGATesting/providers/Microsoft.Network
/vpnServerConfigurations/WestUsConfig
```

VpnServerConfigurationLocation :

VpnClientConnectionHealth : null

Type : Microsoft.Network/p2sVpnGateways

ProvisioningState : Succeeded

P2SConnectionConfigurations : [

```
{
  "ProvisioningState": "Succeeded",
  "VpnClientAddressPool": {
    "AddressPrefixes": [
      "192.168.2.0/24"
    ]
  },
  "EnableInternetSecurity": True,
  "RoutingConfiguration": {
    "AssociatedRouteTable": {
```

"Id":

"/subscriptions/b1f1deed-af60-4bab-9223-65d340462e24/resourceGroups/P2SCortexGATesting/providers/Microsoft.Network/virtualHubs/WestUsVirtualHub/hubRouteTables/defaultRouteTable"

alHubs/WestUsVirtualHub/hubRouteTables/defaultRouteTable"

```
}
  "PropagatedRouteTables": {
    "Labels": [],
    "Ids": [
      {
```

"Id":

"/subscriptions/b1f1deed-af60-4bab-9223-65d340462e24/resourceGroups/P2SCortexGATesting/providers/Microsoft.Network/virtualHubs/WestUsVirtualHub/hubRouteTables/defaultRouteTable"

rtualHubs/WestUsVirtualHub/hubRouteTables/defaultRouteTable"

```
}
]
},
  "VnetRoutes": {
    "StaticRoutes": []
```

```

    }
  },
  "Name": "P2SConnectionConfigDefault",
  "Etag": "W/\"4b96e6a2-b4d8-46b3-9210-76d40f359bef\"",
  "Id":

```

```

"/subscriptions/b1f1deed-af60-4bab-9223-65d340462e24/resourceGroups/P2SCortexGATesting/providers/Microsoft.Network/p2sVpnGateways/683482

```

```

ade8564515aed4b8448c9757ea-westus-gw/p2sConnectionConfigurations/P2SConnectionConfigDefault"

```

```

    }
  ]

```

The New-AzP2sVpnGateway cmdlet enables you to create a new P2SVpnGateway under VirtualHub for Point to site connectivity.

RELATED LINKS

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

New-AzRoutingConfiguration