



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

PS:\>Get-HELP Update-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

Update-AzP2sVpnGateway

SYNOPSIS

Update an existing P2SVpnGateway under VirtualHub for point to site connectivity.

SYNTAX

```
Update-AzP2sVpnGateway [-AsJob] [-CustomDnsServer <System.String[]>] [-DefaultProfile
    <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]
[-DisableInternetSecurityFlag] [-EnableInternetSecurityFlag] -InputObject
    <Microsoft.Azure.Commands.Network.Models.PSP2SVpnGateway> [-P2SConnectionConfiguration
    <Microsoft.Azure.Commands.Network.Models.PSP2SConnectionConfiguration[]>]
    [-RoutingConfiguration <Microsoft.Azure.Commands.Network.Models.PSRoutingConfiguration>] [-Tag
    <System.Collections.Hashtable>] [-VpnClientAddressPool
    <System.String[]>] [-VpnGatewayScaleUnit <System.UInt32>] [-Confirm] [-WhatIf] [<CommonParameters>]
```

```

Update-AzP2sVpnGateway [-AsJob] [-CustomDnsServer <System.String[]>] [-DefaultProfile
    <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]
[-DisableInternetSecurityFlag] [-EnableInternetSecurityFlag] -InputObject
    <Microsoft.Azure.Commands.Network.Models.PSP2SVpnGateway> [-P2SConnectionConfiguration
<Microsoft.Azure.Commands.Network.Models.PSP2SConnectionConfiguration[]>]
    [-RoutingConfiguration <Microsoft.Azure.Commands.Network.Models.PSRoutingConfiguration>] [-Tag
<System.Collections.Hashtable>] [-VpnClientAddressPool
    <System.String[]>] [-VpnGatewayScaleUnit <System.UInt32>] [-VpnServerConfiguration
<Microsoft.Azure.Commands.Network.Models.PSVpnServerConfiguration>] [-Confirm]
[-WhatIf] [<CommonParameters>]

```

```

Update-AzP2sVpnGateway [-AsJob] [-CustomDnsServer <System.String[]>] [-DefaultProfile
    <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]
[-DisableInternetSecurityFlag] [-EnableInternetSecurityFlag] -InputObject
    <Microsoft.Azure.Commands.Network.Models.PSP2SVpnGateway> [-P2SConnectionConfiguration
<Microsoft.Azure.Commands.Network.Models.PSP2SConnectionConfiguration[]>]
    [-RoutingConfiguration <Microsoft.Azure.Commands.Network.Models.PSRoutingConfiguration>] [-Tag
<System.Collections.Hashtable>] [-VpnClientAddressPool
    <System.String[]>] [-VpnGatewayScaleUnit <System.UInt32>] -VpnServerConfigurationId <System.String> [-Confirm]
[-WhatIf] [<CommonParameters>]

```

```

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

```

```

Update-AzP2sVpnGateway [-AsJob] [-CustomDnsServer <System.String[]>] [-DefaultProfile
    <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]

```

```

[-DisableInternetSecurityFlag] [-EnableInternetSecurityFlag] -Name
                                <System.String>                [-P2SConnectionConfiguration
<Microsoft.Azure.Commands.Network.Models.PSP2SConnectionConfiguration[]>] -ResourceGroupName <System.String>
                                [-RoutingConfiguration    <Microsoft.Azure.Commands.Network.Models.PSRoutingConfiguration>]    [-Tag
<System.Collections.Hashtable>] [-VpnClientAddressPool
                                <System.String[]>]          [-VpnGatewayScaleUnit    <System.UInt32>]          [-VpnServerConfiguration
<Microsoft.Azure.Commands.Network.Models.PSVpnServerConfiguration>] [-Confirm]
                                [-WhatIf] [<CommonParameters>]

```

```

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

```

```

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

```

```

Update-AzP2sVpnGateway [-AsJob] [-CustomDnsServer <System.String[]>] [-DefaultProfile
                                <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]
[-DisableInternetSecurityFlag] [-EnableInternetSecurityFlag]
                                [-P2SConnectionConfiguration    <Microsoft.Azure.Commands.Network.Models.PSP2SConnectionConfiguration[]>]
-ResourceId <System.String> [-RoutingConfiguration

```

```

    <Microsoft.Azure.Commands.Network.Models.PSRoutingConfiguration>] [-Tag <System.Collections.Hashtable>]
[-VpnClientAddressPool <System.String[]>]
    [-VpnGatewayScaleUnit <System.UInt32>] [-VpnServerConfiguration
<Microsoft.Azure.Commands.Network.Models.PSVpnServerConfiguration>] [-Confirm] [-WhatIf]
[<CommonParameters>]

```

```

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

```

DESCRIPTION

The Update-AzP2sVpnGateway cmdlet enables you to update an existing P2SVpnGateway under VirtualHub with new VpnClientAddressPool or new VpnServerConfiguration or change of VpnGatewayScaleUnit.

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>

Disable internet security flag for this P2SVpnGateway connections

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

-InputObject <Microsoft.Azure.Commands.Network.Models.PSP2SVpnGateway>

The p2s vpn gateway object to be modified

Required? true

Position? named

Default value None

Accept pipeline input? True (ByValue)

Accept wildcard characters? false

-Name <System.String>

The P2S vpn gateway 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 group name.

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

-ResourceId <System.String>

The Azure resource ID of the P2SVpnGateway to be modified.

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

-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? false

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.PSP2SVpnGateway

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

OUTPUTS

NOTES

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

```
$vpnClientAddressSpaces = New-Object string[] 1
```

```
$vpnClientAddressSpaces[0] = "101.10.0.0/16"
```

```
Update-AzP2sVpnGateway -ResourceGroupName P2SCortexGATesting -Name  
683482ade8564515aed4b8448c9757ea-westus-gw -VpnClientAddressPool $vpnClientAddressSpaces  
-EnableInternetSecurityFlag
```

```
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/NilamdWestUsVirtualH
```

```
ub
```

```
VpnServerConfiguration :
```

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

stUsConfig

VpnServerConfigurationLocation :

VpnClientConnectionHealth : null

Type : Microsoft.Network/p2sVpnGateways

ProvisioningState : Succeeded

P2SConnectionConfigurations : [

```
{
  "ProvisioningState": "Succeeded",
  "VpnClientAddressPool": {
    "AddressPrefixes": [
      "101.10.0.0/16"
    ]
  },
  "EnableInternetSecurity": True,
  "RoutingConfiguration": {
    "AssociatedRouteTable": {
```

"Id":

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

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

"Id":

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

```
}
]
```

```

    },
    "VnetRoutes": {
        "StaticRoutes": []
    }
},
"Name": "P2SConnectionConfigDefault",
"Etag": "W/\"d7debc2f-ccb-4f00-bddc-42c99b52fda3\"",
"Id":

```

```

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

```

```

ade8564515aed4b8448c9757ea-westus-gw/p2sConnectionConfigurations/P2SConnectionConfigDefault"
    }
]

```

The Update-AzP2sVpnGateway cmdlet enables you to update an existing P2SVpnGateway under VirtualHub with new VpnClientAddressPool. When Point to site client connects with this P2SVpnGateway, one of the ip address from this VpnClientAddressPool gets allocated to that client.

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

```

Update-AzP2sVpnGateway -AsJob -Name 00000000-0000-0000-0000-0000000000000000000000-westus-gw
-ResourceGroupName P2SCortexGATesting -VpnClientAddressPool <String[]>
-VpnGatewayScaleUnit 1 -VpnServerConfiguration <PSVpnServerConfiguration>

```

RELATED LINKS

