



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

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

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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-AzVpnServerConfiguration

SYNOPSIS

Create a new VpnServerConfiguration for point to site connectivity.

SYNTAX

```
New-AzVpnServerConfiguration [-AadAudience <System.String>] [-AadIssuer <System.String>] [-AadTenant
<System.String>] [-AsJob] [-ConfigurationPolicyGroup
<Microsoft.Azure.Commands.Network.Models.PSVpnServerConfigurationPolicyGroup[]>] [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] -Location
<System.String> -Name <System.String>
[-RadiusClientRootCertificateFilesList <System.String[]>] [-RadiusServerAddress <System.String>] [-RadiusServerList
<Microsoft.Azure.Commands.Network.Models.PSRadiusServer[]>] [-RadiusServerRootCertificateFilesList
<System.String[]>] [-RadiusServerSecret
```

```

    <System.Security.SecureString>] -ResourceGroupName <System.String> [-Tag <System.Collections.Hashtable>]
[-VpnAuthenticationType {Certificate | Radius | AAD}]
    [-VpnClientIpsecPolicy <Microsoft.Azure.Commands.Network.Models.PSIPsecPolicy[]>]
[-VpnClientRevokedCertificateFilesList <System.String[]>]
    [-VpnClientRootCertificateFilesList <System.String[]>] [-VpnProtocol {IkeV2 | OpenVPN}] [-Confirm] [-WhatIf]
[<CommonParameters>]

```

DESCRIPTION

The New-AzVpnServerConfiguration cmdlet enables you to create a new VpnServerConfiguration with different VpnProtocols, VpnAuthenticationTypes, IpsecPolicies and to set selected vpn authentication type related parameters as per the customer's requirement for Point to site connectivity.

PARAMETERS

-AadAudience <System.String>

AAD audience for P2S AAD authentication.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-AadIssuer <System.String>

AAD issuer for P2S AAD authentication.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-AadTenant <System.String>

AAD tenant for P2S AAD authentication.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-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

-ConfigurationPolicyGroup <Microsoft.Azure.Commands.Network.Models.PSVpnServerConfigurationPolicyGroup[]>

The list of VpnServerConfigurationPolicyGroups that this P2SVpnGateway needs to have.

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

-Location <System.String>

The resource location.

Required? true

Position? named

Default value None

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

-RadiusClientRootCertificateFilesList <System.String[]>

A list of RadiusClientRootCertificate files' paths

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-RadiusServerAddress <System.String>

P2S External Radius server address.

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

-RadiusServerList <Microsoft.Azure.Commands.Network.Models.PSRadiusServer[]>

P2S External multiple radius servers.

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

-RadiusServerRootCertificateFilesList <System.String[]>

A list of RadiusClientRootCertificate files' paths

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

-RadiusServerSecret <System.Security.SecureString>

P2S External Radius server secret.

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

-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

-VpnAuthenticationType <System.String[]>

The list of P2S VPN client tunneling protocols.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-VpnClientIpsecPolicy <Microsoft.Azure.Commands.Network.Models.PSIPsecPolicy[]>

A list of IPSec policies for VpnServerConfiguration.

Required? false

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-VpnClientRevokedCertificateFilesList <System.String[]>

A list of VpnClientCertificates to be revoked files' paths

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-VpnClientRootCertificateFilesList <System.String[]>

A list of VpnClientRootCertificates to be added files' paths

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-VpnProtocol <System.String[]>

The list of P2S VPN client tunneling protocols.

Required? false

Position? named

Default value None

Accept pipeline input? False

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

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

OUTPUTS

Microsoft.Azure.Commands.Network.Models.PSVpnServerConfiguration

NOTES

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

```
$VpnServerConfigCertFilePath      =      Join-Path      -Path      $basedir      -ChildPath
"\ScenarioTests\Data\ApplicationGatewayAuthCert.cer"

$listOfCerts = New-Object "System.Collections.Generic.List[String]"

$listOfCerts.Add($VpnServerConfigCertFilePath)

New-AzVpnServerConfiguration -Name "test1config" -ResourceGroupName "P2SCortexGATesting" -VpnProtocol IkeV2
-VpnAuthenticationType Certificate

-VpnClientRootCertificateFilesList $listOfCerts -VpnClientRevokedCertificateFilesList $listOfCerts -Location "westus"


ResourceGroupName      : P2SCortexGATesting
Name                    : test1config
Id                      :

/subscriptions/b1f1deed-af60-4bab-9223-65d340462e24/resourceGroups/P2SCortexGATesting/providers/Microsoft.Network
/vpnServerConfigurations/test1config

Location                : westus
VpnProtocols             : {IkeV2, OpenVPN}
VpnAuthenticationTypes   : {Certificate}
VpnClientRootCertificates :
VpnClientRevokedCertificates : [
    {
        "Name": "cert2",
        "Thumbprint": "83FFBFC8848B5A5836C94D0112367E16148A286F"
    }
]

RadiusServerAddress      :
RadiusServerRootCertificates : []
RadiusClientRootCertificates : []
VpnClientIpsecPolicies   : []
```

AadAuthenticationParameters : null

P2sVpnGateways : []

Type : Microsoft.Network/vpnServerConfigurations

ProvisioningState : Succeeded

The above command will create a new VpnServerConfiguration with VpnAuthenticationType as Certificate.

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

```
New-AzVpnServerConfiguration -AadAudience <String> -AadIssuer <String> -AadTenant <String> -Location 'westus'  
-Name 'test1config' -ResourceGroupName  
'P2SCortexGATesting' -VpnAuthenticationType Certificate -VpnProtocol IkeV2
```

RELATED LINKS

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