



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

PS: \>Get-HELP Update-AzVpnServerConfiguration -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-AzVpnServerConfiguration

SYNOPSIS

Updates an existing VpnServerConfiguration.

SYNTAX

```
Update-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>] -InputObject
<Microsoft.Azure.Commands.Network.Models.PSVpnServerConfiguration> [-RadiusClientRootCertificateFilesList
<System.String[]>] [-RadiusServerAddress <System.String>]
[-RadiusServerList <Microsoft.Azure.Commands.Network.Models.PSRadiusServer[]>]
[-RadiusServerRootCertificateFilesList <System.String[]>] [-RadiusServerSecret
```

<System.Security.SecureString>] [-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>]

Update-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>] -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>]

Update-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>]
[-RadiusClientRootCertificateFilesList <System.String[]>]

[-RadiusServerAddress <System.String>] [-RadiusServerList
<Microsoft.Azure.Commands.Network.Models.PSRadiusServer[]>] [-RadiusServerRootCertificateFilesList

<System.String[]>] [-RadiusServerSecret <System.Security.SecureString>] -ResourceId <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 Update-AzVpnServerConfiguration cmdlet enables you to update the existing VpnServerConfiguration with different VpnProtocols, VpnAuthenticationTypes,

IpssecPolicies 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

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

The vpn server configuration object to be modified

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

-ResourceId <System.String>

The Azure resource ID for the vpn server configuration.

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

INPUTS

Microsoft.Azure.Commands.Network.Models.PSVpnServerConfiguration

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

OUTPUTS

Microsoft.Azure.Commands.Network.Models.PSVpnServerConfiguration

NOTES

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

```
Update-AzVpnServerConfiguration -Name "test1config" -ResourceGroupName "P2SCortexGATesting" -VpnProtocol  
IkeV2
```

```
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}

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 update an existing VpnServerConfiguration with VpnProtocol as IkeV2.

RELATED LINKS

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