



## ***Windows PowerShell Get-Help on Cmdlet 'New-AzVpnClientConfiguration'***

***PS:\>Get-HELP New-AzVpnClientConfiguration -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-AzVpnClientConfiguration

### **SYNOPSIS**

This command allows the users to create the Vpn profile package based on pre-configured vpn settings on the VPN gateway, in addition to some additional settings that

users may need to configure, for e.g. some root certificates.

### **SYNTAX**

```
New-AzVpnClientConfiguration [-AuthenticationMethod {EAPTLS | EAPMSCHAPv2}] [-ClientRootCertificateFileList
<System.String[]>] [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-Name
<System.String>] [-ProcessorArchitecture {Amd64 | X86}]
[-RadiusRootCertificateFile <System.String>] -ResourceGroupName <System.String> [-Confirm] [-WhatIf]
[<CommonParameters>]
```

## DESCRIPTION

this allows the users to create the Vpn profile package based on pre-configured vpn settings on the VPN gateway, in addition to some additional settings that users may need to configure, for e.g. some root certificates.

## PARAMETERS

-AuthenticationMethod <System.String>

Authentication Method Can take values EAPMSCHAPv2 or EAPTLS. When EAPMSCHAPv2 is specified then the cmdlet generates a client configuration installer for

username/password authentication that uses EAP-MSCHAPv2 authentication protocol. If EAPTLS is specified then the cmdlet generates a client configuration installer

for certificate authentication that uses EAP-TLS protocol. The "EapTls" option can be used for both RADIUS-based certificate authentication and certification

authentication performed by the Virtual Network Gateway by uploading the trusted root. The cmdlet automatically detects what is configured.

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

-ClientRootCertificateFileList <System.String[]>

A list of client root certificate paths

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

-Name <System.String>

The resource name.

Required? false

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-ProcessorArchitecture <System.String>

ProcessorArchitecture

Required? false

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-RadiusRootCertificateFile <System.String>

Radius server root certificate path. This is a mandatory parameter that has to be specified when EAP-TLS with RADIUS authentication is used. This is the full path

name of .cer file containing the RADIUS root certificate that the client uses to validate the RADIUS server during authentication.

Required? false  
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

**-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

System.String

System.String[]

## OUTPUTS

Microsoft.Azure.Commands.Network.Models.PSVpnProfile

## NOTES

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

```
New-AzVpnClientConfiguration -ResourceGroupName "ContosoResourceGroup" -Name
"ContosoVirtualNetworkGateway" -AuthenticationMethod "EAPTLS" -RadiusRootCertificateFile
"C:\Users\Test\Desktop\VpnProfileRadiusCert.cer"
```

This cmdlet is used to create a VPN client profile zip file for "ContosoVirtualNetworkGateway" in ResourceGroup "ContosoResourceGroup". The profile is generated for a

pre-configured radius server that is configured to use "EAPTLS" authentication method with the VpnProfileRadiusCert certificate file.

#### RELATED LINKS

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

Get-AzVpnClientConfiguration