



Windows PowerShell Get-Help on Cmdlet 'Add-AzVirtualNetworkGatewayIpConfig'

PS: \>Get-HELP Add-AzVirtualNetworkGatewayIpConfig -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

Add-AzVirtualNetworkGatewayIpConfig

SYNOPSIS

Adds an IP configuration to a virtual network gateway.

SYNTAX

```

Add-AzVirtualNetworkGatewayIpConfig [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] -Name <System.String>
[-PrivateIpAddress <System.String>] [-PublicIpAddress
<Microsoft.Azure.Commands.Network.Models.PSPublicIpAddress>] [-Subnet
<Microsoft.Azure.Commands.Network.Models.PSSubnet>] -VirtualNetworkGateway
<Microsoft.Azure.Commands.Network.Models.PSVirtualNetworkGateway> [-Confirm] [-WhatIf]
[<CommonParameters>]

```

Add-AzVirtualNetworkGatewayIpConfig

[-DefaultProfile

<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] -Name <System.String>

[-PrivateIpAddress <System.String>] [-PublicIpAddressId <System.String>] [-SubnetId <System.String>]

-VirtualNetworkGateway

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

DESCRIPTION

The Add-AzVirtualNetworkGatewayIpConfig cmdlet adds an IP configuration to a virtual network gateway.

PARAMETERS

-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>

Specifies the name of the gateway IP configuration to add.

Required? true

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-PrivateIpAddress <System.String>

Specifies the private IP address.

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

-PublicIpAddress <Microsoft.Azure.Commands.Network.Models.PSPublicIpAddress>

Specifies the public IP address.

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

-PublicIpAddressId <System.String>

Specifies the ID of the public IP address.

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

-Subnet <Microsoft.Azure.Commands.Network.Models.PSSubnet>

Specifies a PSSubnet object.

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

Accept wildcard characters? false

-SubnetId <System.String>

Specifies the ID of the subnet.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-VirtualNetworkGateway <Microsoft.Azure.Commands.Network.Models.PSVirtualNetworkGateway>

Specifies a PSVirtualNetworkGateway object. This cmdlet modifies the PSVirtualNetworkGateway object that you specify. You can use the Get-AzVirtualNetworkGateway cmdlet to retrieve a PSVirtualNetworkGateway object.

Required? true

Position? named

Default value None

Accept pipeline input? True (ByValue)

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.PSVirtualNetworkGateway

OUTPUTS

Microsoft.Azure.Commands.Network.Models.PSVirtualNetworkGateway

NOTES

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

Add-AzVirtualNetworkGatewayIpConfig -VirtualNetworkGateway \$gw -Name GWIPConfig2 -Subnet \$subnet
-PublicIpAddress \$gwpip2

```

Name          : VNet7GW
ResourceGroupName : VPNGatewayV3
Location       : eastus
Id             :
/subscriptions/00000000-0000-0000-0000-000000000000/resourceGroups/VPNGatewayV3/providers/Microsoft.Network/virtualNetworkGateways/VNet7GW
Etag           : W/"d27a784f-3c3f-4150-863d-764649b6e8e7"
ResourceGuid    : 3c2478a7-d5d4-4e80-8532-7ea2ad577598
ProvisioningState : Succeeded
Tags            :
IpConfigurations : [
    {
        "PrivateIpAllocationMethod": "Dynamic",
        "Subnet": {
            "Id":
"/subscriptions/00000000-0000-0000-0000-000000000000/resourceGroups/VPNGatewayV3/providers/Microsoft.Network/virtualNetworks/Vnet7/subnets/GatewaySubnet"
        },
        "PublicIpAddress": {
            "Id":
"/subscriptions/00000000-0000-0000-0000-000000000000/resourceGroups/VPNGatewayV3/providers/Microsoft.Network/publicIPAddresses/VNet7GW_IP"
        },
        "Name": "default",
        "Etag": "W/"d27a784f-3c3f-4150-863d-764649b6e8e7\"",
        "Id":
"/subscriptions/00000000-0000-0000-0000-000000000000/resourceGroups/VPNGatewayV3/providers/Microsoft.Network/virtualNetworkGateways/VNet7GW/ipConfigurations/default"
    },
    {

```

```

        "PrivateIpAllocationMethod": "Dynamic",
        "PublicIpAddress": {
            "Id":

"/subscriptions/00000000-0000-0000-0000-000000000000/resourceGroups/VPNGatewayV3/providers/Microsoft.Network/publicIPAddresses/dellIPConfig"

        },
        "Name": "GWIPConfig2",
        "Id":

"/subscriptions/00000000-0000-0000-0000-000000000000/resourceGroups/ResourceGroupNotSet/providers/Microsoft.Network/virtualNetworkGateways/VirtualNetworkGatewayNameNotSet/virtualNetworkGatewayIpConfiguration/GWIPConfig2"

    }
]

GatewayType      : Vpn
VpnType          : RouteBased
EnableBgp        : True
ActiveActive     : False
GatewayDefaultSite : null
Sku              : {
    "Capacity": 2,
    "Name": "VpnGw1",
    "Tier": "VpnGw1"
}

VpnClientConfiguration : null
BgpSettings            : {
    "Asn": 65534,
    "BgpPeeringAddress": "10.7.255.254",
    "PeerWeight": 0
}

```

RELATED LINKS

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

[Get-AzVirtualNetworkGateway](#)

[New-AzVirtualNetworkGatewayIpConfig](#)

[Remove-AzVirtualNetworkGatewayIpConfig](#)