



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

PS: \>Get-HELP New-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

New-AzVirtualNetworkGatewayIpConfig

SYNOPSIS

Creates an IP Configuration for a Virtual Network Gateway

SYNTAX

```

New-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>] [<CommonParameters>]

```

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

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

[<CommonParameters>]

DESCRIPTION

The New-AzVirtualNetworkGatewayIpConfig cmdlet creates a configuration assigned to a Virtual Network Gateway with a (previously created) Public IP Address based on Subnet ID.

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>

Required? true

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-PrivateIpAddress <System.String>

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

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

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

-PublicIpAddressId <System.String>

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

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

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

-SubnetId <System.String>

Required?	false
Position?	named
Default value	None
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

None

OUTPUTS

Microsoft.Azure.Commands.Network.Models.PSVirtualNetworkGatewayIpConfiguration

NOTES

- 1: Create an IP Configuration for a Virtual Network Gateway -

```
$gwIpConfig = New-AzVirtualNetworkGatewayIpConfig -Name myGWIpConfig -SubnetId $myGWsubnet.Id  
-PublicIpAddressId $myGWpip.Id
```

Configures a Virtual Network Gateway with a Public IP Address. The variable \$myGWsubnet is obtained using the Get-AzVirtualNetworkSubnetConfig cmdlet on the

"GatewaySubnet" within the Virtual Network you intend to create a Virtual Network Gateway. The variable \$myGWpip is obtained using the New-AzPublicIpAddress cmdlet.

RELATED LINKS

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

Add-AzVirtualNetworkGatewayIpConfig

Remove-AzVirtualNetworkGatewayIpConfig