



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

PS:\>Get-HELP New-AzApplicationGatewayIPConfiguration -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-AzApplicationGatewayIPConfiguration

SYNOPSIS

Creates an IP configuration for an application gateway.

SYNTAX

```
New-AzApplicationGatewayIPConfiguration [-DefaultProfile  
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] -Name  
<System.String> [-Subnet <Microsoft.Azure.Commands.Network.Models.PSSubnet>] [<CommonParameters>]
```

```
New-AzApplicationGatewayIPConfiguration [-DefaultProfile  
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] -Name  
<System.String> [-SubnetId <System.String>] [<CommonParameters>]
```

DESCRIPTION

The `New-AzApplicationGatewayIPConfiguration` cmdlet creates an IP configuration for an application gateway. The IP configuration contains the subnet in which application gateway is deployed.

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 IP configuration to create.

Required? true

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

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

Specifies the subnet object. This is the subnet in which the application gateway is deployed.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-SubnetId <System.String>

Specifies the subnet ID. This is the subnet in which the application gateway would be deployed.

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.PSApplicationGatewayIPConfiguration

NOTES

```
$VNet = Get-AzVirtualNetwork -Name "VNet01" -ResourceGroupName "ResourceGroup01"
```

```
$Subnet = Get-AzVirtualNetworkSubnetConfig -Name "Subnet01" -VirtualNetwork $VNet
```

```
$GatewayIpConfig = New-AzApplicationGatewayIPConfiguration -Name "AppGwSubnet01" -Subnet $Subnet
```

The first command gets a virtual network named VNet01 that belongs to the resource group named ResourceGroup01. The second command gets the subnet configuration for the subnet that the virtual network in the previous command belongs to, and stores it in the \$Subnet variable. The third command creates the IP configuration using \$Subnet.

RELATED LINKS

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

Add-AzApplicationGatewayIPConfiguration

Get-AzApplicationGatewayIPConfiguration

Remove-AzApplicationGatewayIPConfiguration

Set-AzApplicationGatewayIPConfiguration