



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

PS:\>Get-HELP Get-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

Get-AzApplicationGatewayIPConfiguration

SYNOPSIS

Gets the IP configuration of an application gateway.

SYNTAX

```
Get-AzApplicationGatewayIPConfiguration -ApplicationGateway
<Microsoft.Azure.Commands.Network.Models.PSApplicationGateway> [-DefaultProfile
    <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-Name
    <System.String>] [<CommonParameters>]
```

DESCRIPTION

The Get-AzApplicationGatewayIPConfiguration cmdlet gets the IP configuration of an application gateway. The IP

configuration contains the subnet in which the application gateway is deployed.

PARAMETERS

-ApplicationGateway <Microsoft.Azure.Commands.Network.Models.PSApplicationGateway>

Specifies the application gateway object that contains IP configuration.

Required? true

Position? named

Default value None

Accept pipeline input? True (ByValue)

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>

Specifies the name of the IP configuration which this cmdlet gets.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

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.PSApplicationGateway

OUTPUTS

Microsoft.Azure.Commands.Network.Models.PSApplicationGatewayIPConfiguration

NOTES

----- Example 1: Get a specific IP configuration -----

```
$AppGw = Get-AzApplicationGateway -Name "ApplicationGateway01" -ResourceGroupName "ResourceGroup01"
$GatewaySubnet = Get-AzApplicationGatewayIPConfiguration -Name "GatewaySubnet01" -ApplicationGateway $AppGw
```

The first command gets an application gateway and stores it in the \$AppGw variable. The second command gets an IP configuration named GateSubnet01 from the gateway stored in \$AppGw.

----- Example 2: Get a list of IP configurations -----

```
$AppGw = Get-AzApplicationGateway -Name "ApplicationGateway01" -ResourceGroupName "ResourceGroup01"
```

```
$GatewaySubnets = Get-AzApplicationGatewayIPConfiguration -ApplicationGateway $AppGw
```

The first command gets an application gateway and stores it in the \$AppGw variable. The second command gets a list of all IP configurations.

RELATED LINKS

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

Add-AzApplicationGatewayIPConfiguration

New-AzApplicationGatewayIPConfiguration

Remove-AzApplicationGatewayIPConfiguration

Set-AzApplicationGatewayIPConfiguration