



## ***Windows PowerShell Get-Help on Cmdlet 'Add-AzApplicationGatewayBackendAddressPool'***

***PS:\>Get-HELP Add-AzApplicationGatewayBackendAddressPool -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-AzApplicationGatewayBackendAddressPool

### **SYNOPSIS**

Adds a back-end address pool to an application gateway.

### **SYNTAX**

```

Add-AzApplicationGatewayBackendAddressPool -ApplicationGateway
<Microsoft.Azure.Commands.Network.Models.PSApplicationGateway> [-BackendFqdns <System.String[]>]
[-BackendIPAddresses <System.String[]>] [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] -Name
<System.String> [-Confirm] [-WhatIf] [<CommonParameters>]
```

The Add-AzApplicationGatewayBackendAddressPool cmdlet adds a back-end address pool to an application gateway. A back-end address can be specified using an IP address, a fully-qualified domain name (FQDN) or IP configuration IDs.

## PARAMETERS

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

Specifies the application gateway to which this cmdlet adds a back-end address pool.

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

-BackendFqdns <System.String[]>

Specifies a list of backend FQDNs which this cmdlet adds as a back-end server pool.

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

-BackendIPAddresses <System.String[]>

Specifies a list of back-end IP addresses which this cmdlet adds as a back-end server pool.

Required?	false
Position?	named
Default value	None
Accept pipeline input?	False
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 back-end server pool that this cmdlet adds.

Required? true

Position? named

Default value None

Accept pipeline input? False

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.PSApplicationGateway

## OUTPUTS

Microsoft.Azure.Commands.Network.Models.PSApplicationGateway

## NOTES

Example 1: Add a back-end address pool by using a back-end server FQDN

```
$AppGw = Get-AzApplicationGateway -Name "ApplicationGateway01" -ResourceGroupName "ResourceGroup01"
$AppGw = Add-AzApplicationGatewayBackendAddressPool -ApplicationGateway $AppGw -Name "Pool02"
-BackendFqdns "contoso1.com", " contoso1.com"
```

The first command gets the application gateway named ApplicationGateway01 in the resource group named ResourceGroup01, and stores it in the \$AppGw variable. The second

command adds the back-end address pool of the application gateway stored in \$AppGw by using FQDNs. *Page 4/5*

Example 2: Add a back-end address pool by using backend server IP addresses

```
$AppGw = Get-AzApplicationGateway -Name "ApplicationGateway01" -ResourceGroupName "ResourceGroup01"
$AppGw = Add-AzApplicationGatewayBackendAddressPool -ApplicationGateway $AppGw -Name "Pool02"
-BackendIPAddresses "10.10.10.10", "10.10.10.11"
```

The first command gets the application gateway named ApplicationGateway01 in the resource group named ResourceGroup01, and stores it in the \$AppGw variable. The second command adds the back-end address pool of the application gateway stored in \$AppGw by using IP addresses.

## RELATED LINKS

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

Get-AzApplicationGatewayBackendAddressPool

Get-AzApplicationGatewayBackendAddressPool

New-AzApplicationGatewayBackendAddressPool

Remove-AzApplicationGatewayBackendAddressPool

Set-AzApplicationGatewayBackendAddressPool

Set-AzNetworkInterfaceIpConfig