



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

PS:\>Get-HELP Add-AzTrafficManagerIpAddressRange -Full

NAME

Add-AzTrafficManagerIpAddressRange

SYNOPSIS

Adds an address range or subnet to a local Traffic Manager endpoint object.

SYNTAX

```

Add-AzTrafficManagerIpAddressRange [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-Last <System.String>]
[-Scope <System.Nullable`1[System.Int32]>] -TrafficManagerEndpoint
<Microsoft.Azure.Commands.TrafficManager.Models.TrafficManagerEndpoint> [-Confirm] [-WhatIf] -First
<System.String> [<CommonParameters>]
```

DESCRIPTION

The Add-AzTrafficManagerIpAddressRange cmdlet adds an IP address range to a local Azure Traffic Manager endpoint object. You can get an endpoint by using the

New-AzTrafficManagerEndpoint or Get-AzTrafficManagerEndpoint cmdlets.

This cmdlet operates on the local endpoint object. Commit your changes to the endpoint for Traffic Manager by using the Set-AzTrafficManagerEndpoint cmdlet.

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

-Last <System.String>

Specifies the last IP address in the range to be added.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-Scope <System.Nullable`1[System.Int32]>

Specifies the scope of the IP address range to be added.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-TrafficManagerEndpoint <Microsoft.Azure.Commands.TrafficManager.Models.TrafficManagerEndpoint>

Specifies a local TrafficManagerEndpoint object. This cmdlet modifies this local object. To obtain a TrafficManagerEndpoint object, use the

Get-AzTrafficManagerEndpoint or New-AzTrafficManagerEndpoint cmdlet.

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

-First <System.String>

Specifies the first IP address in the range to be added.

Required?	true
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

Microsoft.Azure.Commands.TrafficManager.Models.TrafficManagerEndpoint

OUTPUTS

Microsoft.Azure.Commands.TrafficManager.Models.TrafficManagerEndpoint

NOTES

----- Example 1: Add IP address ranges to an endpoint -----

```
$TrafficManagerEndpoint = New-AzTrafficManagerEndpoint -EndpointStatus Enabled -Name "contoso" -ProfileName  
"ContosoProfile" -ResourceGroupName "ResourceGroup11"  
-Type AzureEndpoints -Priority 1 -TargetResourceId  
"/subscriptions/00000000-0000-0000-0000-000000000000/resourceGroups/Default-Web-CentralUS/providers/Microsoft.We  
b/sites/contoso-web-app" -Weight 10
```

```
Add-AzTrafficManagerIpAddressRange -TrafficManagerEndpoint $TrafficManagerEndpoint -First "1.2.3.4" -Last "5.6.7.8"
Add-AzTrafficManagerIpAddressRange -TrafficManagerEndpoint $TrafficManagerEndpoint -First "9.10.11.0" -Scope 24
    Add-AzTrafficManagerIpAddressRange -TrafficManagerEndpoint $TrafficManagerEndpoint -First "12.13.14.0" -Last
"12.13.14.31" -Scope 27
Add-AzTrafficManagerIpAddressRange -TrafficManagerEndpoint $TrafficManagerEndpoint -First "15.16.17.18"
Set-AzTrafficManagerEndpoint -TrafficManagerEndpoint $TrafficManagerEndpoint
```

The first command creates an Azure Traffic Manager endpoint by using the New-AzTrafficManagerEndpoint cmdlet. The command stores the local endpoint in the

\$TrafficManagerEndpoint variable. The second command adds the IP address range 1.2.3.4 to 5.6.7.8 to the endpoint stored in \$TrafficManagerEndpoint. The third command

adds the IP address range 9.10.11.0 to 9.10.11.255 to the endpoint stored in \$TrafficManagerEndpoint. The fourth command verifies that the scope matches the size of

the range, then adds the IP address range 12.13.14.0 to 12.13.14.31 to the endpoint stored in \$TrafficManagerEndpoint. The fifth command adds the IP address range

15.16.17.18 to 15.16.17.18 to the endpoint stored in \$TrafficManagerEndpoint. The final command updates the endpoint in Traffic Manager to match the local value in \$TrafficManagerEndpoint.

RELATED LINKS

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

Remove-AzTrafficManagerIpAddressRange

New-AzTrafficManagerEndpoint

Get-AzTrafficManagerProfile

Set-AzTrafficManagerEndpoint