



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

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

NAME

Add-AzTrafficManagerEndpointConfig

SYNOPSIS

Adds an endpoint to a local Traffic Manager profile object.

SYNTAX

```
Add-AzTrafficManagerEndpointConfig [-AlwaysServe {Enabled | Disabled}] [-CustomHeader
<System.Collections.Generic.List`1[Microsoft.Azure.Commands.TrafficManager.Models.TrafficManagerCustomHeader]>]
[-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-EndpointLocation
<System.String>] -EndpointName <System.String>
-EndpointStatus {Enabled | Disabled} [-GeoMapping <System.Collections.Generic.List`1[System.String]>]
[-MinChildEndpoints <System.Nullable`1[System.UInt32]>]
[-MinChildEndpointsIPv4 <System.Nullable`1[System.UInt32]>] [-MinChildEndpointsIPv6
<System.Nullable`1[System.UInt32]>] [-Priority <System.Nullable`1[System.UInt32]>]
[-SubnetMapping
<System.Collections.Generic.List`1[Microsoft.Azure.Commands.TrafficManager.Models.TrafficManagerIpAddressRange]>]
[-Target <System.String>]
```

[**-TargetResourceId** <System.String>] [**-TrafficManagerProfile**

<Microsoft.Azure.Commands.TrafficManager.Models.TrafficManagerProfile> -Type {AzureEndpoints |
ExternalEndpoints | NestedEndpoints} [-Weight <System.Nullable`1[System.UInt32]>] [<CommonParameters>]

DESCRIPTION

The **Add-AzTrafficManagerEndpointConfig** cmdlet adds an endpoint to a local Azure Traffic Manager profile object. You can get a profile by using the

New-AzTrafficManagerProfile or **Get-AzTrafficManagerProfile** cmdlets.

This cmdlet operates on the local profile object. Commit your changes to the profile for Traffic Manager by using the **Set-AzTrafficManagerProfile** cmdlet. To create an

endpoint and commit the change in a single operation, use the **New-AzTrafficManagerEndpoint** cmdlet.

PARAMETERS

-AlwaysServe <System.String>

If Always Serve is enabled, probing for endpoint health will be disabled and endpoints will be included in the traffic routing method.

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

-CustomHeader

<System.Collections.Generic.List`1[Microsoft.Azure.Commands.TrafficManager.Models.TrafficManagerCustomHeader]>

List of custom header name and value pairs for probe requests.

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

-EndpointLocation <System.String>

Specifies the location of the endpoint to use in the Performance traffic-routing method. This parameter is only applicable to endpoints of the ExternalEndpoints

or the NestedEndpoints type. You must specify this parameter when the Performance traffic-routing method is used.

Specify an Azure region name. For a full list of Azure regions, see Azure Regions<http://azure.microsoft.com/regions/> (<http://azure.microsoft.com/regions/>).

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-EndpointName <System.String>

Specifies the name of the Traffic Manager endpoint that this cmdlet adds.

Required? true

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-EndpointStatus <System.String>

Specifies the status of the endpoint. Valid values are:

- Enabled

- Disabled

If the status is Enabled, the endpoint is probed for endpoint health and is included in the traffic-routing method.

Required? true

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-GeoMapping <System.Collections.Generic.List`1[System.String]>

The list of regions mapped to this endpoint when using the 'Geographic' traffic routing method. Please consult Traffic Manager documentation for a full list of

accepted values (<https://learn.microsoft.com/azure/traffic-manager/traffic-manager-geographic-regions>).

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-MinChildEndpoints <System.Nullable`1[System.UInt32]>

The minimum number of endpoints that must be available in the child profile in order for the Nested Endpoint in the parent profile to be considered available.

Only applicable to endpoint of type 'NestedEndpoints'.

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

-MinChildEndpointsIPv4 <System.Nullable`1[System.UInt32]>

The minimum number of IPv4 (DNS record type A) endpoints that must be available in the child profile in order for the Nested Endpoint in the parent profile to be considered available. Only applicable to endpoint of type 'NestedEndpoints'.

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

-MinChildEndpointsIPv6 <System.Nullable`1[System.UInt32]>

The minimum number of IPv6 (DNS record type AAAA) endpoints that must be available in the child profile in order for the Nested Endpoint in the parent profile to be considered available. Only applicable to endpoint of type 'NestedEndpoints'.

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

-Priority <System.Nullable`1[System.UInt32]>

Specifies the priority that Traffic Manager assigns to the endpoint. This parameter is used only if the Traffic Manager profile is configured with the for

Priority traffic-routing method. Valid values are integers from 1 through 1000. Lower values represent higher priority.

If you specify a priority, you must specify priorities on all endpoints in the profile, and no two endpoints can share the same priority value. If you do not

specify priorities, Traffic Manager assigns default priority values to the endpoints, starting with one (1), in the order the profile lists the endpoints.

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

-SubnetMapping

<System.Collections.Generic.List`1[Microsoft.Azure.Commands.TrafficManager.Models.TrafficManagerIpAddressRange]>

The list of address ranges or subnets mapped to this endpoint when using the 'Subnet' traffic routing method.

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

-Target <System.String>

Specifies the fully qualified DNS name of the endpoint. Traffic Manager returns this value in DNS responses when it directs traffic to this endpoint. Specify this

parameter only for the ExternalEndpoints endpoint type. For other endpoint types, specify the TargetResourceId parameter instead.

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

Accept wildcard characters? false

-TargetResourceId <System.String>

Specifies resource ID of the target. Specify this parameter only for the AzureEndpoints and NestedEndpoints endpoint types. For the ExternalEndpoints endpoint type, specify the Target parameter instead.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

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

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

Get-AzTrafficManagerProfile cmdlet.

Required? true

Position? named

Default value None

Accept pipeline input? True (ByValue)

Accept wildcard characters? false

-Type <System.String>

Specifies the type of endpoint that this cmdlet adds to the Azure Traffic Manager profile. Valid values are:

- AzureEndpoints

- ExternalEndpoints

- NestedEndpoints

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

-Weight <System.Nullable`1[System.UInt32]>

Specifies the weight that Traffic Manager assigns to the endpoint. Valid values are integers from 1 through 1000. The default value is one (1). This parameter is used only if the Traffic Manager profile is configured with the Weighted traffic-routing method.

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

Microsoft.Azure.Commands.TrafficManager.Models.TrafficManagerProfile

OUTPUTS

Microsoft.Azure.Commands.TrafficManager.Models.TrafficManagerProfile

NOTES

----- Example 1: Add an endpoint to a profile -----

```
$TrafficManagerProfile = Get-AzTrafficManagerProfile -Name "ContosoProfile" -ResourceGroupName "ResourceGroup11"
```

```
Add-AzTrafficManagerEndpointConfig -EndpointName "contoso" -EndpointStatus Enabled -Target "www.contoso.com" -TrafficManagerProfile $TrafficManagerProfile -Type
```

```
ExternalEndpoints -EndpointLocation "North Europe" -Priority 1 -Weight 10
```

```
Set-AzTrafficManagerProfile -TrafficManagerProfile $TrafficManagerProfile
```

The first command gets an Azure Traffic Manager profile by using the `Get-AzTrafficManagerProfile` cmdlet. The command stores the local profile in the

`$TrafficManagerProfile` variable.

The second command adds an endpoint named `contoso` to the profile stored in `$TrafficManagerProfile`. The command includes configuration data for the endpoint. This

command changes only the local object.

The final command updates the Traffic Manager profile in Azure to match the local value in `$TrafficManagerProfile`.

RELATED LINKS

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

`Get-AzTrafficManagerProfile`

`New-AzTrafficManagerEndpoint`

`Remove-AzTrafficManagerEndpointConfig`

`Set-AzTrafficManagerProfile`

