



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

PS: \>Get-HELP New-AzTrafficManagerEndpoint -Full

NAME

New-AzTrafficManagerEndpoint

SYNOPSIS

Creates an endpoint in a Traffic Manager profile.

SYNTAX

```
New-AzTrafficManagerEndpoint [-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>] -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]>] -Name
<System.String> [-Priority <System.Nullable`1[System.UInt32]>]
-ProfileName <System.String> -ResourceGroupName <System.String> [-SubnetMapping
<System.Collections.Generic.List`1[Microsoft.Azure.Commands.TrafficManager.Models.TrafficManagerIpAddressRange]>]
```

`[-Target <System.String>] [-TargetResourceId
 <System.String>] -Type {AzureEndpoints | ExternalEndpoints | NestedEndpoints} [-Weight
<System.Nullable`1[System.UInt32]>] [<CommonParameters>]`

DESCRIPTION

The `New-AzTrafficManagerEndpoint` cmdlet creates an endpoint in an Azure Traffic Manager profile.

This cmdlet commits each new endpoint to the Traffic Manager service. To add multiple endpoints to a local Traffic Manager profile object and commit changes in a single operation, use the `Add-AzTrafficManagerEndpointConfig` 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 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

-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.

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

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

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

-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

-Name <System.String>

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

Required? true
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

-ProfileName <System.String>

Specifies the name of a Traffic Manager profile to which this cmdlet adds an endpoint. To obtain a profile, use the **New-AzTrafficManagerProfile** or **Get-AzTrafficManagerProfile** cmdlets.

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

-ResourceGroupName <System.String>

Specifies the name of a resource group. This cmdlet creates a Traffic Manager endpoint in the group that this parameter specifies.

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

-SubnetMapping

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

-Type <System.String>

Specifies the type of endpoint that this cmdlet adds to the 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 \(https://go.microsoft.com/fwlink/?LinkID=113216\)](https://go.microsoft.com/fwlink/?LinkID=113216).

INPUTS

None

OUTPUTS

Microsoft.Azure.Commands.TrafficManager.Models.TrafficManagerEndpoint

NOTES

----- Example 1: Create an external endpoint for a profile -----

```
New-AzTrafficManagerEndpoint -EndpointStatus Enabled -Name "contoso" -ProfileName "ContosoProfile"
-ResourceGroupName "ResourceGroup11" -Type ExternalEndpoints
-EndpointLocation "North Europe" -Priority 1 -Target "www.contoso.com" -Weight 10
```

This command creates an external endpoint named contoso in the profile named ContosoProfile in the resource group named ResourceGroup11.

----- Example 2: Create an Azure endpoint for a profile -----

```
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.Web/sites/contoso-web-app" -Weight 10
```

This command creates an Azure endpoint named contoso in the profile named ContosoProfile in resource group ResourceGroup11. The Azure endpoint points to the Azure Web

App whose Azure Resource Manager ID is given by the URI path in TargetResourceId . The command does not specify

the EndpointLocation parameter because the Web App resource supplies the location.

RELATED LINKS

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

Disable-AzTrafficManagerEndpoint

Enable-AzTrafficManagerEndpoint

Get-AzTrafficManagerEndpoint

Get-AzTrafficManagerProfile

New-AzTrafficManagerProfile

Remove-AzTrafficManagerEndpoint

Set-AzTrafficManagerProfile