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

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

NAME

New-AzTrafficManagerProfile

SYNOPSIS

Creates a Traffic Manager profile.

SYNTAX

New-AzTrafficManagerProfile [-CustomHeader <System.Collections.Generic.List`1[Microsoft.Azure.Commands.TrafficManager.Models.TrafficManagerCustomHeader]>] [-DefaultProfile <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-ExpectedStatusCodeRange <System.Collections.Generic.List`1[Microsoft.Azure.Commands.TrafficManager.Models.TrafficManagerExpectedStatusCodeRange]>] [-MaxReturn <System.Nullable`1[System.Int64]>] [-MonitorIntervalInSeconds <System.Nullable`1[System.Int32]>] [-MonitorPath <System.String>] -MonitorPort <System.UInt32> -MonitorProtocol {HTTP | HTTPS | TCP} [-MonitorTimeoutInSeconds <System.Nullable`1[System.Int32]>] [-MonitorToleratedNumberOfFailures <System.Nullable`1[System.Int32]>] -Name <System.String> [-ProfileStatus {Enabled | Disabled}] -RelativeDnsName

<System.String> -ResourceGroupName <System.String>

[-Tag <System.Collections.Hashtable>] -TrafficRoutingMethod {Performance | Weighted | Priority | Geographic | Subnet | MultiValue} -Ttl <System.UInt32>

[<CommonParameters>]

DESCRIPTION

The New-AzTrafficManagerProfile cmdlet creates an Azure Traffic Manager profile. Specify the Name parameter and required settings. This cmdlet returns a local object

that represents the new profile.

This cmdlet does not configure Traffic Manager endpoints. You can update the local profile object by using the Add-AzTrafficManagerEndpointConfig cmdlet. Then upload

changes to Traffic Manager by using the Set-AzTrafficManagerProfile cmdlet. Alternatively, you can add endpoints by using the New-AzTrafficManagerEndpoint cmdlet.

PARAMETERS

-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

-ExpectedStatusCodeRange

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

List of expected HTTP status code ranges for probe requests.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-MaxReturn <System.Nullable`1[System.Int64]>

The maximum number of answers returned for profiles with a MultiValue routing method.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

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

The interval (in seconds) at which Traffic Manager will check the health of each endpoint in this profile. The default is 30.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-MonitorPath <System.String>

Specifies the path that is used to monitor endpoint health. Specify a value relative to the endpoint domain name. This value must begin with a slash (/).

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-MonitorPort <System.UInt32>

Specifies the TCP port that is used to monitor endpoint health. Valid values are integers from 1 through 65535.

Required? true

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-MonitorProtocol <System.String>

Specifies the protocol to use to monitor endpoint health. Valid values are:

- HTTP

- HTTPS

Required? true

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

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

The time (in seconds) that Traffic Manager allows endpoints in this profile to respond to the health check. The default is 10.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

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

The number of consecutive failed health checks that Traffic Manager tolerates before declaring an endpoint in this profile Degraded after the next consecutive

failed health check. The default is 3.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-Name <System.String>

Specifies a name for the Traffic Manager profile that this cmdlet creates.

Required? true

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-ProfileStatus <System.String>

Specifies the status of the profile. Valid values are: Enabled and Disabled.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-RelativeDnsName <System.String>

Specifies the relative DNS name that this Traffic Manager profile provides. Traffic Manager combines this value and the DNS domain name that Azure Traffic Manager

uses to form the fully qualified domain name (FQDN) of the profile.

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 profile in the group that this parameter specifies.

Required? true

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-Tag <System.Collections.Hashtable>

Key-value pairs in the form of a hash table set as tags on the server. For example:

@{key0="value0";key1=$null;key2="value2"}

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-TrafficRoutingMethod <System.String>

Specifies the traffic routing method. This method determines which endpoint Traffic Manager returns in response to incoming DNS queries. Valid values are:

- Performance

- Weighted

- Priority

- Geographic

Required? true

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-Ttl <System.UInt32>

Specifies the DNS Time to Live (TTL) value.

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

None

OUTPUTS

Microsoft.Azure.Commands.TrafficManager.Models.TrafficManagerProfile

NOTES

---------- Example 1: Create a profile ----------

New-AzTrafficManagerProfile -Name "ContosoProfile" -ResourceGroupName "ResourceGroup11" -ProfileStatus Enabled -TrafficRoutingMethod Performance -RelativeDnsName
"contosoapp" -TTL 30 -MonitorProtocol HTTP -MonitorPort 80 -MonitorPath "/default.aspx"

This command creates an Azure Traffic Manager profile named ContosoProfile in resource group ResourceGroup11. The DNS FQDN is contosoapp.trafficmanager.net.

RELATED LINKS

Online Version: https://learn.microsoft.com/powershell/module/az.trafficmanager/new-aztrafficmanagerprofile

Add-AzTrafficManagerEndpointConfig

Disable-AzTrafficManagerProfile

Enable-AzTrafficManagerProfile

Get-AzTrafficManagerProfile

Remove-AzTrafficManagerProfile

Set-AzTrafficManagerProfile