



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

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

NAME

New-AzApplicationInsightsWebTest

SYNOPSIS

Creates or updates an Application Insights web test definition.

SYNTAX

```
New-AzApplicationInsightsWebTest -Name <String> -ResourceGroupName <String> [-SubscriptionId <String>] -Location
<String> [-ContentIgnoreCase] [-ContentMatch
    <String>] [-ContentPassIfTextFound] [-Description <String>] [-Enabled] [-Frequency <Int32>] [-GeoLocation
    <IWebTestGeolocation[]>] [-Kind <WebTestKindEnum>]
    [-RequestBody <String>] [-RequestFollowRedirect] [-RequestHeader <IHeaderField[]>] [-RequestHttpVerb <String>]
    [-RequestParseDependent] [-RequestUrl <String>]
        [-RetryEnabled] [-RuleExpectedHttpStatusCode <Int32>] [-RuleIgnoreHttpsStatusCode]
    [-RuleSslCertRemainingLifetimeCheck <Int32>] [-RuleSslCheck] [-Tag <Hashtable>]
    [-TestName <String>] [-Timeout <Int32>] [-DefaultProfile <PSObject>] [-Break] [-HttpPipelineAppend <SendAsyncStep[]>]
    [-HttpPipelinePrepend <SendAsyncStep[]>] [-Proxy
    <Uri>] [-ProxyCredential <PSCredential>] [-ProxyUseDefaultCredentials] [-WhatIf] [-Confirm] [<CommonParameters>]
```

New-AzApplicationInsightsWebTest -Name <String> -ResourceGroupName <String> [-SubscriptionId <String>] -Location
 <String> [-ContentMatch <String>] [-Description
 <String>] [-Enabled] [-Frequency <Int32>] [-GeoLocation <IWebTestGeolocation[]>] [-Kind <WebTestKindEnum>]
 [-RequestParseDependent] [-RequestUrl <String>]
 [-RetryEnabled] [-RuleExpectedHttpStatusCode <Int32>] [-Tag <Hashtable>] [-TestName <String>] [-Timeout <Int32>]
 [-Configuration <String>] [-DefaultProfile
 <PSObject>] [-Break] [-HttpPipelineAppend <SendAsyncStep[]>] [-HttpPipelinePrepend <SendAsyncStep[]>] [-Proxy
 <Uri>] [-ProxyCredential <PSCredential>]
 [-ProxyUseDefaultCredentials] [-WhatIf] [-Confirm] [<CommonParameters>]

DESCRIPTION

Creates or updates an Application Insights web test definition.

PARAMETERS

-Name <String>

The name of the Application Insights WebTest resource.

Required? true

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-ResourceGroupName <String>

The name of the resource group.

The name is case insensitive.

Required? true

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-SubscriptionId <String>

The ID of the target subscription.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-Location <String>

Resource location

Required? true

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-ContentIgnoreCase [<SwitchParameter>]

When set, this value makes the ContentMatch validation case insensitive.

Required? false

Position? named

Default value False

Accept pipeline input? false

Accept wildcard characters? false

-ContentMatch <String>

Content to look for in the return of the WebTest.

Must not be null or empty.

Required? false
Position? named
Default value
Accept pipeline input? false
Accept wildcard characters? false

-ContentPassIfTextFound [<SwitchParameter>]

When true, validation will pass if there is a match for the ContentMatch string.
If false, validation will fail if there is a match

Required? false
Position? named
Default value False
Accept pipeline input? false
Accept wildcard characters? false

-Description <String>

User defined description for this WebTest.

Required? false
Position? named
Default value
Accept pipeline input? false
Accept wildcard characters? false

-Enabled [<SwitchParameter>]

Is the test actively being monitored.

Required? false
Position? named
Default value False
Accept pipeline input? false
Accept wildcard characters? false

-Frequency <Int32>

Interval in seconds between test runs for this WebTest.

Default value is 300.

Required? false

Position? named

Default value 0

Accept pipeline input? false

Accept wildcard characters? false

-GeoLocation <IWebTestGeolocation[]>

A list of where to physically run the tests from to give global coverage for accessibility of your application.

To construct, see NOTES section for GEOLOCATION properties and create a hash table.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-Kind <WebTestKindEnum>

The kind of web test this is, valid choices are ping, multistep, and standard.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-RequestBody <String>

Base64 encoded string body to send with this web test.

Required? false
Position? named
Default value
Accept pipeline input? false
Accept wildcard characters? false

-RequestFollowRedirect [<SwitchParameter>]

Follow redirects for this web test.

Required? false
Position? named
Default value False
Accept pipeline input? false
Accept wildcard characters? false

-RequestHeader <IHeaderField[]>

List of headers and their values to add to the WebTest call.

To construct, see NOTES section for REQUESTHEADER properties and create a hash table.

Required? false
Position? named
Default value
Accept pipeline input? false
Accept wildcard characters? false

-RequestHttpVerb <String>

Http verb to use for this web test.

Required? false
Position? named
Default value
Accept pipeline input? false
Accept wildcard characters? false

-RequestParseDependent [<SwitchParameter>]

Parse Dependent request for this WebTest.

Required? false

Position? named

Default value False

Accept pipeline input? false

Accept wildcard characters? false

-RequestUrl <String>

Url location to test.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-RetryEnabled [<SwitchParameter>]

Allow for retries should this WebTest fail.

Required? false

Position? named

Default value False

Accept pipeline input? false

Accept wildcard characters? false

-RuleExpectedHttpStatusCode <Int32>

Validate that the WebTest returns the http status code provided.

Required? false

Position? named

Default value 0
Accept pipeline input? false
Accept wildcard characters? false

-RuleIgnoreHttpsStatusCode [<SwitchParameter>]

When set, validation will ignore the status code.

Required? false
Position? named
Default value False
Accept pipeline input? false
Accept wildcard characters? false

-RuleSslCertRemainingLifetimeCheck <Int32>

A number of days to check still remain before the the existing SSL cert expires.

Value must be positive and the SSLCheck must be set to true.

Required? false
Position? named
Default value 0
Accept pipeline input? false
Accept wildcard characters? false

-RuleSslCheck [<SwitchParameter>]

Checks to see if the SSL cert is still valid.

Required? false
Position? named
Default value False
Accept pipeline input? false
Accept wildcard characters? false

-Tag <Hashtable>

Resource tags

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-TestName <String>

User defined name if this WebTest.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-Timeout <Int32>

Seconds until this WebTest will timeout and fail.

Default value is 30.

Required? false

Position? named

Default value 0

Accept pipeline input? false

Accept wildcard characters? false

-Configuration <String>

The XML specification of a WebTest to run against an application.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-DefaultProfile <PSObject>

The credentials, account, tenant, and subscription used for communication with Azure.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-Break [<SwitchParameter>]

Wait for .NET debugger to attach

Required? false

Position? named

Default value False

Accept pipeline input? false

Accept wildcard characters? false

-HttpPipelineAppend <SendAsyncStep[]>

SendAsync Pipeline Steps to be appended to the front of the pipeline

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-HttpPipelinePrepend <SendAsyncStep[]>

SendAsync Pipeline Steps to be prepended to the front of the pipeline

Required? false
Position? named
Default value
Accept pipeline input? false
Accept wildcard characters? false

-Proxy <Uri>

The URI for the proxy server to use

Required? false
Position? named
Default value
Accept pipeline input? false
Accept wildcard characters? false

-ProxyCredential <PSCredential>

Credentials for a proxy server to use for the remote call

Required? false
Position? named
Default value
Accept pipeline input? false
Accept wildcard characters? false

-ProxyUseDefaultCredentials [<SwitchParameter>]

Use the default credentials for the proxy

Required? false
Position? named
Default value False
Accept pipeline input? false
Accept wildcard characters? false

-WhatIf [<SwitchParameter>]

Required?	false
Position?	named
Default value	
Accept pipeline input?	false
Accept wildcard characters?	false

-Confirm [<SwitchParameter>]

Required?	false
Position?	named
Default value	
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

OUTPUTS

Microsoft.Azure.PowerShell.Cmdlets.ApplicationInsights.Models.Api20220615.IWebTest

NOTES

COMPLEX PARAMETER PROPERTIES

To create the parameters described below, construct a hash table containing the appropriate properties. For information on hash tables, run Get-Help

about_Hash_Tables.

GEOLOCATION <IWebTestGeolocation[]>: A list of where to physically run the tests from to give global coverage for accessibility of your application.

[Location <String>]: Location ID for the WebTest to run from.

REQUESTHEADER <IHeaderField[]>: List of headers and their values to add to the WebTest call.

[Name <String>]: The name of the header.

[Value <String>]: The value of the header.

----- EXAMPLE 1 -----

```
PS C:\>$geoLocation = @()

$geoLocation += New-AzApplicationInsightsWebTestGeolocationObject -Location "emea-nl-ams-azr"
$geoLocation += New-AzApplicationInsightsWebTestGeolocationObject -Location "us-ca-sjc-azr"
New-AzApplicationInsightsWebTest -ResourceGroupName azpwsh-rg-test -Name standard-pwsh01 -Location 'westus2' `
    -Tag
@{"hidden-link:/subscriptions/xxxxxxxx-xxxx-xxxx-xxxxxxxx/resourceGroups/azpwsh-rg-test/providers/microsoft.insights/components/appinsights-portal01" =
    "Resource"} `
-RequestUrl "https://www.bing.com" -RequestHttpVerb "GET" -TestName 'standard-pwsh01' `
-RuleExpectedHttpStatusCode 200 -Frequency 300 -Enabled -Timeout 120 -Kind 'standard' -RetryEnabled -GeoLocation
$geoLocation
```

----- EXAMPLE 2 -----

```
PS C:\>$geoLocation = @()
```

```

$geoLocation += New-AzApplicationInsightsWebTestGeolocationObject -Location "emea-nl-ams-azr"
$geoLocation += New-AzApplicationInsightsWebTestGeolocationObject -Location "us-ca-sjc-azr"
New-AzApplicationInsightsWebTest -ResourceGroupName azpwsh-rg-test -Name standard-pwsh01 -Location 'westus2' `
-Tag
@{"hidden-link:/subscriptions/xxxxxxxx-xxxx-xxxx-xxxxxxxx/resourceGroups/azpwsh-rg-test/providers/microsoft.insights/components/appinsights-portal01" =
"Resource"} `
-RequestUrl "https://www.bing.com" -RequestHttpVerb "GET" -TestName 'standard-pwsh01' `
-RuleExpectedHttpStatusCode 200 -Frequency 300 -Enabled:$false -Timeout 120 -Kind 'standard' -RetryEnabled
-GeoLocation $geoLocation

```

----- EXAMPLE 3 -----

```

PS C:\>$geoLocation = @()

$geoLocation += New-AzApplicationInsightsWebTestGeolocationObject -Location "emea-nl-ams-azr"
$geoLocation += New-AzApplicationInsightsWebTestGeolocationObject -Location "us-ca-sjc-azr"
New-AzApplicationInsightsWebTest -ResourceGroupName azpwsh-rg-test -Name 'pingwebtest-pwsh01' -TestName
'pingwentest-pwsh01testname' -Location 'westus2' `
-Tag
@{"hidden-link:/subscriptions/xxxxxxxx-xxxx-xxxx-xxxxxxxx/resourceGroups/azpwsh-rg-test/providers/microsoft.insights/components/appinsights-portal01" =
"Resource"} `
-GeoLocation $geoLocation -RetryEnabled -Enabled -Frequency 300 -Timeout 90 `
-Kind 'ping' -RequestUrl 'https://cn.bing.com' -RequestParseDependent -RuleExpectedHttpStatusCode 200 `
-ContentMatch "status"

```

----- EXAMPLE 4 -----

```
PS C:\>$geoLocation = @()
```

```
$geoLocation += New-AzApplicationInsightsWebTestGeolocationObject -Location "emea-nl-ams-azr"
```

```
$geoLocation += New-AzApplicationInsightsWebTestGeolocationObject -Location "us-ca-sjc-azr"
```

```
New-AzApplicationInsightsWebTest -ResourceGroupName azpwsh-rg-test -Name 'pingwebtest-pwsh01' -TestName  
'pingwentest-pwsh01testname' -Location 'westus2' `
```

-Tag

```
@{"hidden-link:/subscriptions/xxxxxxxx-xxxx-xxxx-xxxxxxxx/resourceGroups/azpwsh-rg-test/providers/microsoft.insights/components/appinsights-portal01" =
```

```
"Resource"} `
```

```
-GeoLocation $geoLocation -RetryEnabled -Enabled -Frequency 300 -Timeout 90 `
```

```
-Kind 'ping' `
```

```
-Configuration "<WebTest Name=""basic-portal03"" Id=""9407db10-5d84-487f-98a3-a1ee67bb98f0"" Enabled=""True""
```

```
CssProjectStructure="""" CssIteration=""""
```

```
Timeout=""90"" WorkItemIds="""" xmlns=""http://microsoft.com/schemas/VisualStudio/TeamTest/2010"" Description=""""
```

```
CredentialUserName=""""
```

```
CredentialPassword="""" PreAuthenticate=""True"" Proxy=""default"" StopOnError=""False"" RecordedResultFile=""""
```

```
ResultsLocale="""">
```

```
<Items>
```

```
<Request Method=""GET"" Guid=""a2025e53-0702-d03e-f311-5774ec16893d"" Version=""1.1""
```

```
Url=""https://www.bing.com"" ThinkTime=""0"" Timeout=""90""
```

```
ParseDependentRequests=""True"" FollowRedirects=""True"" RecordResult=""True"" Cache=""False""
```

```
ResponseTimeGoal=""0"" Encoding=""utf-8""
```

```
ExpectedHttpStatusCode=""200"" ExpectedResponseUrl="""" ReportingName="""" IgnoreHttpStatusCode=""False"" />
```

```
</Items>
```

```
<ValidationRules>
```

```
<ValidationRule Classname=""Microsoft.VisualStudio.TestTools.WebTesting.Rules.ValidationRuleFindText,  
Microsoft.VisualStudio.QualityTools.WebTestFramework,
```

```
Version=10.0.0.0, Culture=neutral, PublicKeyToken=b03f5f7f11d50a3a"" DisplayName=""Find Text""
```

```
Description=""Verifies the existence of the specified text in the
```

```
response.`" Level="`High`" ExectuionOrder="`BeforeDependents`">
  <RuleParameters>
    <RuleParameter Name="`FindText`" Value="`test&#x20;content&#x20;match`" />
    <RuleParameter Name="`IgnoreCase`" Value="`False`" />
    <RuleParameter Name="`UseRegularExpression`" Value="`False`" />
    <RuleParameter Name="`PassIfTextFound`" Value="`True`" />
  </RuleParameters>
</ValidationRule>
</ValidationRules>
</WebTest>"
```

RELATED LINKS

<https://learn.microsoft.com/powershell/module/az.applicationinsights/new-azapplicationinsightswebtest>