



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

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

NAME

New-AzApiManagementOperation

SYNOPSIS

Creates an API management operation.

SYNTAX

```
New-AzApiManagementOperation -ApiId <System.String> [-ApiRevision <System.String>] -Context
<Microsoft.Azure.Commands.ApiManagement.ServiceManagement.Models.PsApiManagementContext> [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-Description
<System.String>] -Method <System.String> -Name
<System.String> [-OperationId <System.String>] [-Request
<Microsoft.Azure.Commands.ApiManagement.ServiceManagement.Models.PsApiManagementRequest>] [-Responses
<Microsoft.Azure.Commands.ApiManagement.ServiceManagement.Models.PsApiManagementResponse[]>]
[-TemplateParameters
<Microsoft.Azure.Commands.ApiManagement.ServiceManagement.Models.PsApiManagementParameter[]>]
-UrlTemplate <System.String> [<CommonParameters>]
```

DESCRIPTION

The New-AzApiManagementOperation cmdlet create an API operation.

PARAMETERS

-ApId <System.String>

Specifies the identifier of the API management operation.

Required? true

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-ApiRevision <System.String>

Identifier of API Revision. This parameter is optional. If not specified, the operation will be attached to the currently active api revision.

Required? false

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-Context <Microsoft.Azure.Commands.ApiManagement.ServiceManagement.Models.PsApiManagementContext>

Specifies the instance of the PsApiManagementContext object.

Required? true

Position? named

Default value None

Accept pipeline input? True (ByPropertyName, ByValue)

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

-Description <System.String>

Specifies the description of new API operation.

Required? false
Position? named
Default value None
Accept pipeline input? True (ByPropertyName)
Accept wildcard characters? false

-Method <System.String>

Specifies the HTTP method of the new API management operation.

Required? true
Position? named
Default value None
Accept pipeline input? True (ByPropertyName)
Accept wildcard characters? false

-Name <System.String>

Specifies the display name of new API management operation.

Required? true
Position? named
Default value None
Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-OperationId <System.String>

Specifies the identifier of the API management operation.

Required? false

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-Request <Microsoft.Azure.Commands.ApiManagement.ServiceManagement.Models.PsApiManagementRequest>

Specifies the details of the API management operation.

Required? false

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-Responses <Microsoft.Azure.Commands.ApiManagement.ServiceManagement.Models.PsApiManagementResponse[]>

Specifies an array of possible API management operation responses.

Required? false

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-TemplateParameters

<Microsoft.Azure.Commands.ApiManagement.ServiceManagement.Models.PsApiManagementParameter[]>

Specifies an array of parameters defined in parameter UriTemplate . If you do not specify this parameter, a default value will be generated based on the

UrlTemplate .

Required?	false
Position?	named
Default value	None
Accept pipeline input?	True (ByPropertyName)
Accept wildcard characters?	false

-UrlTemplate <System.String>

Specifies the URL template.

Required?	true
Position?	named
Default value	None
Accept pipeline input?	True (ByPropertyName)
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.ApiManagement.ServiceManagement.Models.PsApiManagementContext

System.String

Microsoft.Azure.Commands.ApiManagement.ServiceManagement.Models.PsApiManagementParameter[]

Microsoft.Azure.Commands.ApiManagement.ServiceManagement.Models.PsApiManagementRequest

Microsoft.Azure.Commands.ApiManagement.ServiceManagement.Models.PsApiManagementResponse[]

OUTPUTS

Microsoft.Azure.Commands.ApiManagement.ServiceManagement.Models.PsApiManagementOperation

NOTES

----- Example 1: Create an API management operation -----

```
$apimContext = New-AzApiManagementContext -ResourceGroupName "Api-Default-WestUS" -ServiceName "contoso"
New-AzApiManagementOperation -Context $apimContext -ApiId $APIId -OperationId "Operation001" -Name "Operation"
-Method "GET" -UrlTemplate "/resource" -Description
"Use this operation to get resource"
```

This command creates an API management operation.

Example 2: Create an API management operation with request and response details

```
$apimContext = New-AzApiManagementContext -ResourceGroupName "Api-Default-WestUS" -ServiceName "contoso"

$RID = New-Object -TypeName
Microsoft.Azure.Commands.ApiManagement.ServiceManagement.Models.PsApiManagementParameter

$RID.Name = "RID"
```

```

$RID.Description = "Resource identifier"

$RID.Type = "string"

                                $Query                                =                                New-Object                                -TypeName
Microsoft.Azure.Commands.ApiManagement.ServiceManagement.Models.PsApiManagementParameter

$Query.Name = "query"

$Query.Description = "Query string"

$Query.Type = 'string'

                                $Request                                =                                New-Object                                -TypeName
Microsoft.Azure.Commands.ApiManagement.ServiceManagement.Models.PsApiManagementRequest

$Request.Description = "Create/update resource request"

                                $DummyQp                                =                                New-Object                                -TypeName
Microsoft.Azure.Commands.ApiManagement.ServiceManagement.Models.PsApiManagementParameter

$DummyQp.Name = 'dummy'

$DummyQp.Type = 'string'

$DummyQp.Required = $FALSE

$Request.QueryParameters = @($DummyQp)

                                $Header                                =                                New-Object                                -TypeName
Microsoft.Azure.Commands.ApiManagement.ServiceManagement.Models.PsApiManagementParameter

$Header.Name = 'x-custom-header'

$Header.Type = 'string'

$Request.Headers = @($Header)

                                $RequestRepresentation                    =                                New-Object                                -TypeName
Microsoft.Azure.Commands.ApiManagement.ServiceManagement.Models.PsApiManagementRepresentation

$RequestRepresentation.ContentType = 'application/json'

                                $exp                                    =                                New-Object                                -TypeName
Microsoft.Azure.Commands.ApiManagement.ServiceManagement.Models.PsApiManagementParameterExample

$exp.Value = "default"

$exp.Description = "My default request example"

$exp.ExternalValue = "https://contoso.com"

$exp.Summary = "default"

$RequestRepresentation.Examples = @($exp)

$Request.Representations = @($requestRepresentation)

                                $Response                                =                                New-Object                                -Type

```

Microsoft.Azure.Commands.ApiManagement.ServiceManagement.Models.PsApiManagementResponse

\$Response.StatusCode = 204

```
New-AzApiManagementOperation -Context $apimContext -ApiId $APIId -OperationId "01234567890" -Name  
'Create/update resource' -Method 'PUT' -UriTemplate  
'/resource/{rid}?q={query}' -Description "Use this operation to create new or update existing resource"  
-TemplateParameters @($rid, $query) -Request $Request  
-Responses @($response)
```

This example creates an API management operation with request and response details.

RELATED LINKS

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

Get-AzApiManagementOperation

Remove-AzApiManagementOperation

Set-AzApiManagementOperation