



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

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

NAME

New-AzApiManagementApi

SYNOPSIS

Creates an API.

SYNTAX

```
New-AzApiManagementApi [-ApiId <System.String>] [-ApiType {Http | Soap | WebSocket | GraphQL}] [-ApiVersion
<System.String>] [-ApiVersionDescription <System.String>]
[-ApiVersionSetId <System.String>] [-AuthorizationScope <System.String>] [-AuthorizationServerId <System.String>]
[-BearerTokenSendingMethod <System.String[]>]
[-ContactEmail <System.String>] [-ContactName <System.String>] [-ContactUrl <System.String>] -Context
<Microsoft.Azure.Commands.ApiManagement.ServiceManagement.Models.PsApiManagementContext> [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-Description
<System.String>] [-LicenseName <System.String>] [-LicenseUrl
<System.String>] -Name <System.String> [-OpenIdProviderId <System.String>] -Path <System.String> [-ProductIds
<System.String[]>] [-Protocols {Http | Https | Ws | Wss}
-ServiceUrl <System.String> [-SourceApiId <System.String>] [-SourceApiRevision <System.String>]
[-SubscriptionKeyHeaderName <System.String>]
```

[-SubscriptionKeyQueryParamName <System.String>] [-SubscriptionRequired] [-TermsOfServiceUrl <System.String>]
[<CommonParameters>]

DESCRIPTION

The New-AzApiManagementApi cmdlet creates an Azure API Management API.

PARAMETERS

-Apild <System.String>

Specifies the ID of the API to create. If you do not specify this parameter, this cmdlet generates an ID for you.

Required? false

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-ApiType

<System.Nullable`1[Microsoft.Azure.Commands.ApiManagement.ServiceManagement.Models.PsApiManagementApiType]

>

Type of API to create (http, soap, websocket, graphql). This parameter is optional.

Required? false

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-ApiVersion <System.String>

Api Version of the Api to create. This parameter is optional.

Required? false

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

-ApiVersionDescription <System.String>

Api Version Description. This parameter is optional.

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

-ApiVersionSetId <System.String>

A resource identifier for the related Api Version Set. This parameter is optional.

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

-AuthorizationScope <System.String>

Specifies the OAuth operations scope. The default value is \$Null.

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

-AuthorizationServerId <System.String>

Specifies the OAuth authorization server ID. The default value is \$Null. You must specify this parameter if AuthorizationScope is specified.

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

-BearerTokenSendingMethod <System.String[]>

OpenId authorization server mechanism by which access token is passed to the API. Refer to <https://datatracker.ietf.org/doc/html/rfc6749#section-4>. This parameter is optional. Default value is \$null.

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

-ContactEmail <System.String>

The email address of the contact person/organization. MUST be in the format of an email address. This parameter is optional.

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

-ContactName <System.String>

The identifying name of the contact person/organization. This parameter is optional.

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

-ContactUrl <System.String>

The URL pointing to the contact information. MUST be in the format of a URL. This parameter is optional.

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 a 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 a description for the web API.

Required? false

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-LicenseName <System.String>

The license name used for the API. This parameter is optional.

Required? false

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-LicenseUrl <System.String>

A URL to the Terms of Service for the API. This parameter is optional.

Required? false

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-Name <System.String>

Specifies the name of the web API. This is the public name of the API as it appears on the developer and admin portals.

Required? true

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-OpenIdProviderId <System.String>

OpenId authorization server identifier. This parameter is optional. Default value is \$null. Must be specified if BearerTokenSendingMethods is specified.

Required? false

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-Path <System.String>

Specifies the web API path, which is the last part of the API's public URL and corresponds to the Web API URL suffix field in the admin portal. This URL is used

by API consumers to send requests to the web service, and must be one to 400 characters long. The default value is \$Null.

Required? true

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-ProductIds <System.String[]>

Specifies an array of product IDs to which to add the new API.

Required? false

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-Protocols <Microsoft.Azure.Commands.ApiManagement.ServiceManagement.Models.PsApiManagementSchema[]>

Specifies an array of web API protocols. Valid values are http, https. These are the web protocols over which the API is made available. The default value is

\$Null.

Required? true

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-ServiceUrl <System.String>

Specifies the URL of the web service that exposes the API. This URL is used only by Azure API Management, and is not made public. The URL must be one to 2000

characters long.

Required? true

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-SourceApiId <System.String>

Api identifier of the source API. This parameter is optional.

Required? false

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-SourceApiRevision <System.String>

Api Revision of the source API. This parameter is optional.

Required? false

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-SubscriptionKeyHeaderName <System.String>

Specifies the subscription key header name. The default value is \$Null.

Required? false

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-SubscriptionKeyQueryParamName <System.String>

Specifies the subscription key query string parameter name. The default value is \$Null.

Required? false

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-SubscriptionRequired <System.Management.Automation.SwitchParameter>

Flag to enforce SubscriptionRequired for requests to the Api. This parameter is optional.

Required? false

Position? named

Default value False

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-TermsOfServiceUrl <System.String>

A URL to the Terms of Service for the API. This parameter is optional.

Required? false

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.PsApiManagementSchema[]

System.String[]

OUTPUTS

NOTES

----- Example 1: Create an API -----

```
$ApiMgmtContext = New-AzApiManagementContext -ResourceGroupName "Api-Default-WestUS" -ServiceName  
"contoso"  
  
New-AzApiManagementApi -Context $ApiMgmtContext -Name "Echo api" -ServiceUrl "https://contoso.com/apis/echo"  
-Protocols @("http", "https") -Path "testapi"
```

This command creates an API named EchoApi with the specified URL.

Example 2: Create an API by copying all operation, Tags, Products and Policies from echo-api and into an ApiVersionSet

```
$context = New-AzApiManagementContext -ResourceId  
/subscriptions/subid/resourceGroups/Api-Default-West-US/providers/Microsoft.ApiManagement/service/contoso  
  
$versionSet = Get-AzApiManagementApiVersionSet -Context $context -ApiVersionSetId "xmsVersionSet"  
  
New-AzApiManagementApi -Context $context -Name "echoapiv4" -Description "Create Echo Api V4"  
-SubscriptionRequired -ServiceUrl "https://echoapi.cloudapp.net/v4" -Path  
"echov3" -Protocols @("http", "https") -ApiVersionSetId $versionSet.ApiVersionSetId -SourceApiId "echo-api" -ApiVersion  
"v4"
```

```
ApiId      : 691b7d410125414a929c108541c60e06  
Name       : echoapiv4  
Description : Create Echo Api V4  
ServiceUrl : https://echoapi.cloudapp.net/v4
```

```

Path                : echov3
ApiType              : http
Protocols            : {Http, Https}
AuthorizationServerId :
AuthorizationScope    :
OpenidProviderId     :
BearerTokenSendingMethod : {}
SubscriptionKeyHeaderName : Ocp-Apim-Subscription-Key
SubscriptionKeyQueryParamName : subscription-key
ApiRevision          : 1
ApiVersion            : v4
IsCurrent             : True
IsOnline              : False
SubscriptionRequired   : True
ApiRevisionDescription :
ApiVersionSetDescription :
                    ApiVersionSetId :
/subscriptions/subid/resourceGroups/Api-Default-West-US/providers/Microsoft.ApiManagement/service/contoso/apiVersionSets/xmsVersionSet
Id :
/subscriptions/subid/resourceGroups/Api-Default-West-US/providers/Microsoft.ApiManagement/service/contoso/apis/691b7d410125414a929c108541c60e06
ResourceGroupName      : Api-Default-West-US
ServiceName            : contoso

```

This command creates an API `echoapiv3` in ApiVersionSet `xmsVersionSet` and copies all operation, Tags and Policies from source Api `echo-api`. It overrides the

SubscriptionRequired, ServiceUrl, Path, Protocols

----- Example 3 -----

```
New-AzApiManagementApi -ApiId '0001' -Context <PsApiManagementContext> -Name 'Echo api' -Path 'echov3'  
-Protocols Http -ServiceUrl 'https://contoso.com/apis/echo'
```

RELATED LINKS

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

[Export-AzApiManagementApi](#)

[Get-AzApiManagementApi](#)

[Import-AzApiManagementApi](#)

[Remove-AzApiManagementApi](#)

[Set-AzApiManagementApi](#)