



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

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

NAME

Set-AzApiManagementApi

SYNOPSIS

Modifies an API.

SYNTAX

```
Set-AzApiManagementApi -ApiId <System.String> [-ApiType {Http | Soap | WebSocket | GraphQL}] [-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>] [-PassThru] [-Path <System.String>]
[-Protocols {Http | Https | Ws | Wss}] [-ServiceUrl
    <System.String>] [-SubscriptionKeyHeaderName <System.String>] [-SubscriptionKeyQueryParamName
<System.String>] [-SubscriptionRequired] [-TermsOfServiceUrl
    <System.String>] [<CommonParameters>]
```

```

Set-AzApiManagementApi [-ApiType {Http | Soap | WebSocket | GraphQL}] [-AuthorizationScope <System.String>]
[-AuthorizationServerId <System.String>]
[-BearerTokenSendingMethod <System.String[]>] [-ContactEmail <System.String>] [-ContactName <System.String>]
[-ContactUrl <System.String>] [-DefaultProfile
    <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-Description
<System.String>] -InputObject
    <Microsoft.Azure.Commands.ApiManagement.ServiceManagement.Models.PsApiManagementApi> [-LicenseName
<System.String>] [-LicenseUrl <System.String>] [-Name
    <System.String>] [-OpenIdProviderId <System.String>] [-PassThru] [-Path <System.String>] [-Protocols {Http | Https | Ws
| Wss}] [-ServiceUrl <System.String>]
[-SubscriptionKeyHeaderName <System.String>] [-SubscriptionKeyQueryParamName <System.String>]
[-SubscriptionRequired] [-TermsOfServiceUrl <System.String>]
[<CommonParameters>]

```

DESCRIPTION

The Set-AzApiManagementApi cmdlet modifies an Azure API Management API.

PARAMETERS

-ApiId <System.String>

Specifies the ID of the API to modify.

Required? true

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

-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 identifier. 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
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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

-InputObject <Microsoft.Azure.Commands.ApiManagement.ServiceManagement.Models.PsApiManagementApi>

Instance of PsApiManagementApi. This parameter is required.

Required? true

Position? named

Default value None

Accept pipeline input? True (ByValue)

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.

Required? false

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

-PassThru <System.Management.Automation.SwitchParameter>

passthru

Required? false
Position? named
Default value False
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. 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? 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. psdx_paramvalues http and https. These are the web protocols over which the API is made available. The default value is \$Null.

Required? false

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

-SubscriptionKeyHeaderName <System.String>

Specifies the name of the subscription key header. 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 name of the subscription key query string parameter. 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.Management.Automation.SwitchParameter

OUTPUTS

Microsoft.Azure.Commands.ApiManagement.ServiceManagement.Models.PsApiManagementApi

NOTES

----- Example 1: Modify an API -----

```
$ApiMgmtContext = New-AzApiManagementContext -ResourceGroupName "Api-Default-WestUS" -ServiceName  
"contoso"  
  
Set-AzApiManagementApi -Context $ApiMgmtContext -Name "EchoApi" -ServiceUrl "https://contoso.com/apis/echo"  
-Protocols @"(https)" -Description "Responds with what was  
sent" -Path "echo"
```

----- Example 2: Add an API to an existing ApiVersionSet -----

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

"contoso"

```
$versionSet = New-AzApiManagementApiVersionSet -Context $context -Name "Echo API Version Set" -Scheme
Segment -Description "version set sample"

$api = Get-AzApiManagementApi -Context $ApiMgmtContext -ApiId "echo-api"

$api.ApiVersionSetId = $versionSet.Id

$api.ApiVersion = "v1"

$api.ApiVersionSetDescription = $versionSet.Description

Set-AzApiManagementApi -InputObject $api -PassThru
```

This example adds an API to an existing API Version Set

Example 3: Change the Backend ServiceUrl where the API is pointing to

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

$updatedApiServiceUrl = "http://newechoapi.cloudapp.net/updateapi"

$updatedApi = Set-AzApiManagementApi -Context $ApiMgmtContext -ApiId $echoApiId -ServiceUrl
$updatedApiServiceUrl
```

This example updates the ServiceUrl the `echo-api` is pointing to.

RELATED LINKS

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

Export-AzApiManagementApi

Get-AzApiManagementApi

Import-AzApiManagementApi

New-AzApiManagementApi

Remove-AzApiManagementApi

