



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

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

NAME

Import-AzApiManagementApi

SYNOPSIS

Imports an API from a file or a URL.

SYNTAX

```
Import-AzApiManagementApi [-ApiId <System.String>] [-ApiRevision <System.String>] [-ApiType {Http | Soap |
WebSocket | GraphQL}] [-ApiVersion <System.String>]
                                [-ApiVersionSetId <System.String>] [-Context
<Microsoft.Azure.Commands.ApiManagement.ServiceManagement.Models.PsApiManagementContext> [-DefaultProfile
                                <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-Path
<System.String>] [-Protocol {Http | Https | Ws | Wss}] [-ServiceUrl
                                <System.String>] [-SpecificationFormat {Wadl | Swagger | Wsdl | OpenApi | OpenApiJson | GraphQL} -SpecificationPath
<System.String>] [-WsdlEndpointName <System.String>]
                                [-WsdlServiceName <System.String>] [<CommonParameters>]
```

```
Import-AzApiManagementApi [-ApiId <System.String>] [-ApiRevision <System.String>] [-ApiType {Http | Soap |
WebSocket | GraphQL}] [-ApiVersion <System.String>]
```

[-ApiVersionSetId

<System.String>]

-Context

<Microsoft.Azure.Commands.ApiManagement.ServiceManagement.Models.PsApiManagementContext> [-DefaultProfile

<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-Path

<System.String>] [-Protocol {Http | Https | Ws | Wss}] [-ServiceUrl

<System.String>] -SpecificationFormat {Wadl | Swagger | Wsdl | OpenApi | OpenApiJson | GraphQL} -SpecificationUrl

<System.String> [-WsdlEndpointName <System.String>]

[-WsdlServiceName <System.String>] [<CommonParameters>]

DESCRIPTION

The Import-AzApiManagementApi cmdlet imports an Azure API Management API from a file or a URL in Web Application Description Language (WADL), Web Services Description Language (WSDL), or Swagger format.

PARAMETERS

-ApiId <System.String>

Specifies an ID for the API to import. If you do not specify this parameter, an ID is generated for you.

Required? false

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 import will be done onto the currently active revision or a new api.

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]

>

This parameter is optional with a default value of Http. The Soap option is only applicable when importing WSDL and will create a SOAP Passthrough API.

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

-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

-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

`-Path <System.String>`

Specifies a web API path as the last part of the API's public URL. This URL is used by API consumers for sending requests to the web service. Must be 1 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

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

Web API protocols (http, https). Protocols over which API is made available. This parameter is optional. If provided it will override the protocols specified in the specifications document.

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

-ServiceUrl <System.String>

A URL of the web service exposing the API. This URL will be used by Azure API Management only, and will not be made public. This parameter is optional. If provided it will override the ServiceUrl specified in the Specifications document.

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

-SpecificationFormat

<Microsoft.Azure.Commands.ApiManagement.ServiceManagement.Models.PsApiManagementApiFormat>

Specifies the specification format. psdx_paramvalues Wadl, Wsdl, and Swagger.

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

-SpecificationPath <System.String>

Specifies the specification file path.

Required?	true
Position?	named
Default value	None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-SpecificationUrl <System.String>

Specifies the specification URL.

Required? true

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-WSDLEndpointName <System.String>

Local name of WSDL Endpoint (port) to be imported. Must be 1 to 400 characters long. This parameter is optional and only required for importing WSDL. Default value is \$null.

Required? false

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-WSDLServiceName <System.String>

Local name of WSDL Service to be imported. Must be 1 to 400 characters long. This parameter is optional and only required for importing WSDL. Default value is \$null.

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.PsApiManagementApiFormat

System.Nullable`1[[Microsoft.Azure.Commands.ApiManagement.ServiceManagement.Models.PsApiManagementApiType, Microsoft.Azure.PowerShell.Cmdlets.ApiManagement.ServiceManagement, Version=1.0.0.0, Culture=neutral, PublicKeyToken=null]]

OUTPUTS

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

NOTES

----- Example 1: Import an API from a WADL file -----

```
$ApiMgmtContext = New-AzApiManagementContext -ResourceGroupName "Api-Default-WestUS" -ServiceName  
"contoso"  
  
Import-AzApiManagementApi -Context $ApiMgmtContext -SpecificationFormat "Wadl" -SpecificationPath  
"C:\contoso\specifications\echoapi.wadl" -Path "apis"
```

This command imports an API from the specified WADL file.

----- Example 2: Import an API from a Swagger file -----

```
$ApiMgmtContext = New-AzApiManagementContext -ResourceGroupName "Api-Default-WestUS" -ServiceName  
"contoso"  
  
Import-AzApiManagementApi -Context $ApiMgmtContext -SpecificationFormat "Swagger" -SpecificationPath  
"C:\contoso\specifications\echoapi.swagger" -Path "apis"
```

This command imports an API from the specified Swagger file.

Example 3: Import an API from a Swagger file and update an existing API

```
$ApiMgmtContext = New-AzApiManagementContext -ResourceGroupName "Api-Default-WestUS" -ServiceName  
"contoso"  
  
Import-AzApiManagementApi -Context $ApiMgmtContext -Apild "26591405e27d4ff3a8d8478d7e60c7b0"  
-SpecificationFormat "Swagger" -SpecificationPath  
"C:\contoso\specifications\echoapi.swagger" -Path "apis"
```

This command imports an API from the specified Swagger file and updates an existing API.

----- Example 4: Import an API from a WADL link -----


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

```
Import-AzApiManagementApi -Context $ApiMgmtContext -SpecificationFormat "Wadl" -SpecificationUrl  
"http://contoso.com/specifications/wadl/echoapi" -Path "apis"
```

This command imports an API from the specified WADL link.

----- Example 5: Import an API from a Open Api Link -----

```
$context = New-AzApiManagementContext -ResourceGroupName "Api-Default-WestUS" -ServiceName "contoso"  
Import-AzApiManagementApi -Context $context -SpecificationFormat OpenApi -SpecificationUrl  
https://raw.githubusercontent.com/OAI/OpenAPI-Specification/master/examples/v3.0/petstore.yaml -Path "petstore30"
```

ApiId : af3f57bab399455aa875d7050654e9d1

Name : Swagger Petstore

Description :

ServiceUrl : http://petstore.swagger.io/v1

Path : petstore30

ApiType : http

Protocols : {Https}

AuthorizationServerId :

AuthorizationScope :

OpenidProviderId :

BearerTokenSendingMethod : {}

SubscriptionKeyHeaderName : Ocp-Apim-Subscription-Key

SubscriptionKeyQueryParamName : subscription-key

ApiRevision : 1

ApiVersion :

IsCurrent : True

IsOnline : False

SubscriptionRequired :

ApiRevisionDescription :
ApiVersionSetDescription :
ApiVersionSetId :
Id :

/subscriptions/subid/resourceGroups/Api-Default-West-US/providers/Microsoft.ApiManagement/service/contoso/apis/af3f57bab399455aa875d7050654e9d1

ResourceGroupName : Api-Default-West-US
ServiceName : contoso

This command imports an API from the specified Open 3.0 specification link.

Example 6: Import an API from a Open Api Link into a ApiVersion Set

```
$context = New-AzApiManagementContext -ResourceGroupName "Api-Default-WestUS" -ServiceName "contoso"
Import-AzApiManagementApi -Context $context -SpecificationPath "C:\contoso\specifications\uspto.yml"
-SpecificationFormat OpenApi -Path uspostal -ApiVersionSetId
0d50e2cf-aaeb-4ea3-8a58-db9ec079c6cd -ApiVersion v2
```

Apild : 6c3f20c66e5745b19229d06cd865948f

Name : USPTO Data Set API

Description : The Data Set API (DSAPI) allows the public users to discover and search USPTO exported data sets. This is a generic API that allows

USPTO users to make any CSV based data files

searchable through API. With the help of GET call, it returns the list of data fields that are searchable.

With the help of POST call,

data can be fetched based on the filters on the

field names. Please note that POST call is used to search the actual data. The reason for the POST call is that it allows users to

specify any complex search criteria without worry

about the GET size limitations as well as encoding of the input parameters.

ServiceUrl : https://developer.uspto.gov/ds-api

Path : uspostal
 ApiType : http
 Protocols : {Https}
 AuthorizationServerId :
 AuthorizationScope :
 OpenidProviderId :
 BearerTokenSendingMethod : {}
 SubscriptionKeyHeaderName : Ocp-Apim-Subscription-Key
 SubscriptionKeyQueryParamName : subscription-key
 ApiRevision : 1
 ApiVersion : v2
 IsCurrent : True
 IsOnline : False
 SubscriptionRequired :
 ApiRevisionDescription :
 ApiVersionSetDescription :
 ApiVersionSetId :

/subscriptions/subid/resourceGroups/Api-Default-East-US/providers/Microsoft.ApiManagement/service/contoso/apiVersionSets/0d50e2cf-aaeb-4ea3-8a58-db9ec079c6cd
 Id :

/subscriptions/subid/resourceGroups/Api-Default-East-US/providers/Microsoft.ApiManagement/service/contoso/apis/6c3f20c66e5745b19229d06cd865948f
 ResourceGroupName : Api-Default-East-US
 ServiceName : contoso

This command imports an API from the specified Open 3.0 specification document and create a new ApiVersion.

----- Example 7: Import an API from a GraphQL link -----

"contoso"

```
Import-AzApiManagementApi -Context $ApiMgmtContext -SpecificationFormat "GraphQL" -SpecificationUrl  
"http://contoso.com/graphql" -Path "graphqlapi"
```

ApiId : bg4g23csd067432zz853f0942341g3z1

Name : GraphQL Api

Description :

ServiceUrl : http://contoso.com/graphql

Path : graphqlapi

ApiType : graphql

Protocols : {Https}

AuthorizationServerId :

AuthorizationScope :

OpenidProviderId :

BearerTokenSendingMethod : {}

SubscriptionKeyHeaderName : Ocp-Apim-Subscription-Key

SubscriptionKeyQueryParamName : subscription-key

ApiRevision : 1

ApiVersion :

IsCurrent : True

IsOnline : False

SubscriptionRequired :

ApiRevisionDescription :

ApiVersionSetDescription :

ApiVersionSetId :

Id :

/subscriptions/subid/resourceGroups/Api-Default-West-US/providers/Microsoft.ApiManagement/service/contoso/apis/bg4g2
3csd067432zz853f0942341g3z1

ResourceGroupName : Api-Default-West-US

ServiceName : contoso

This command imports an API from the GraphQL link.

RELATED LINKS

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

`Export-AzApiManagementApi`

`Get-AzApiManagementApi`

`New-AzApiManagementApi`

`Remove-AzApiManagementApi`

`Set-AzApiManagementApi`