



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

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

NAME

New-AzApiManagementAuthorizationServer

SYNOPSIS

Creates an authorization server.

SYNTAX

```
New-AzApiManagementAuthorizationServer -AccessTokenSendingMethods {AuthorizationHeader | Query}
-AuthorizationEndpointUrl <System.String>
[-AuthorizationRequestMethod {Get | Post | Head | Options | Trace | Put | Patch | Delete}] -ClientAuthenticationMethods
{Basic | Body} -ClientId <System.String>
-ClientRegistrationPageUrl <System.String> [-ClientSecret <System.String>] -Context
<Microsoft.Azure.Commands.ApiManagement.ServiceManagement.Models.PsApiManagementContext> [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-DefaultScope
<System.String>] [-Description <System.String>] -GrantTypes
{AuthorizationCode | Implicit | ResourceOwnerPassword | ClientCredentials} -Name <System.String>
[-ResourceOwnerPassword <System.String>] [-ResourceOwnerUsername
<System.String>] [-ServerId <System.String>] [-SupportState <System.Nullable`1[System.Boolean]>]
[-TokenBodyParameters <System.Collections.Hashtable>]
```

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

DESCRIPTION

The New-AzApiManagementAuthorizationServer cmdlet creates an Azure API Management authorization server.

PARAMETERS

-AccessTokenSendingMethods

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

Specifies an array of methods to send an access token. psdx_paramvalues AuthorizationHeader and Query.

Required? true

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-AuthorizationEndpointUrl <System.String>

Specifies the authorization endpoint to authenticate resource owners and obtain authorization grants.

Required? true

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-AuthorizationRequestMethods

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

Specifies an array of authorization request methods. Valid values are: GET, POST. The default value is GET.

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

-ClientAuthenticationMethods

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

Specifies an array of client authentication methods. psdx_paramvalues Basic and Body.

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

-ClientId <System.String>

Specifies the client ID of the developer console that is the client application.

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

-ClientRegistrationPageUrl <System.String>

Specifies the client registration endpoint to register clients with the authorization server and obtain client credentials.

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

Accept wildcard characters? false

-ClientSecret <System.String>

Specifies the client secret of developer console that is the client application.

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

-DefaultScope <System.String>

Specifies the default scope for the authorization server.

Required? false

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

-Description <System.String>

Specifies a description for an authorization server.

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

-GrantTypes

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

Specifies an array of grant types. psdx_paramvalues - AuthorizationCode

- ClientCredentials

- Implicit

- ResourceOwnerPassword

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

-Name <System.String>

Specifies the name of the authorization server to create.

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

-ResourceOwnerPassword <System.String>

Specifies the resource owner password. You must specify this parameter is required if ResourceOwnerPassword is specified by the GrantTypes parameter.

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

-ResourceOwnerUsername <System.String>

Specifies the resource owner user name. You must specify this parameter if ResourceOwnerPassword is specified by the GrantTypes parameter.

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

-ServerId <System.String>

Specifies the ID of the authorization server to create.

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

Accept wildcard characters? false

-SupportState <System.Nullable`1[System.Boolean]>

Indicates whether to support the State parameter.

Required? false

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-TokenBodyParameters <System.Collections.Hashtable>

Specifies additional body parameters using application/x-www-form-urlencoded format.

Required? false

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-TokenEndpointUrl <System.String>

Specifies the token endpoint URL that is used by clients to obtain access tokens in exchange for presenting authorization grants or refresh tokens.

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.PsApiManagementAuthorizationRequestMethod[
]

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

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

System.Collections.Hashtable

System.Nullable`1[[System.Boolean, System.Private.CoreLib, Version=4.0.0.0, Culture=neutral, PublicKeyToken=7cec85d7bea7798e]]

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

OUTPUTS

Microsoft.Azure.Commands.ApiManagement.ServiceManagement.Models.PsApiManagementOAuth2AuthorizationServer

NOTES

----- Example 1: Create an authorization server -----

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

New-AzApiManagementAuthorizationServer -Context $ApiMgmtContext -Name "Contoso OAuth2 server"
-ClientRegistrationPageUrl "https://contoso/signup"
-AuthorizationEndpointUrl "https://contoso/auth" -TokenEndpointUrl "https://contoso/token" -ClientId "clientid"
-ClientSecret "e041ed1b660b4eadbad5a29d066e6e88"
-AuthorizationRequestMethods @('Get', 'Post') -GrantTypes @( 'AuthorizationCode', 'Implicit', 'ResourceOwnerPassword',
'ClientCredentials')
-ClientAuthenticationMethods @('Basic') -TokenBodyParameters @{par1='val1'; par2='val2'}
-AccessTokenSendingMethods @('AuthorizationHeader', 'Query')
-ResourceOwnerUsername "ivan" -ResourceOwnerPassword "qwerty"
```

This command creates an authorization server.

----- Example 2 -----

```
New-AzApiManagementAuthorizationServer -AccessTokenSendingMethods AuthorizationHeader
-AuthorizationEndpointUrl 'https://contoso/auth' -AuthorizationRequestMethods
```

```
Get -ClientAuthenticationMethods Basic -ClientId 'clientid' -ClientRegistrationPageUrl 'https://contoso/signup'
-ClientSecret '00000000000000000000000000000000'

-Context <PsApiManagementContext> -GrantTypes AuthorizationCode -Name 'Contoso OAuth2 server' -ServerId
'0123456789' -TokenBodyParameters @{'par1'='val1'}

-TokenEndpointUrl 'https://contoso/token'
```

RELATED LINKS

Online

Version:

<https://learn.microsoft.com/powershell/module/az.apimanagement/new-azapimanagementauthorizationserver>