

Using OAuth2 with ServiceBond for ServiceNow

OAuth authentication is use to authorize across a network of web-enabled applications and APIs (for more information, visit [User Authentication with OAuth 2.0](#)). Perspectium [Meshlets](#) for ServiceNow support OAuth2 so you can use a token instead of entering a username and password.

Prerequisites

⚠ First, have a ServiceNow instance with [privileges](#) to generate a **REST API** access token.

Procedure

To use **OAuth2** for ServiceBond with ServiceNow, follow these steps:

1

Create OAuth API endpoint

In your ServiceNow instance, create an [OAuth API endpoint](#).

NOTE: The **Access Token Lifespan** field has a default value of 30 minutes (1800 seconds). It is recommended to set a higher value, such as 100 days (8640000 seconds), to increase the number of seconds the token will be valid until a new access token needs to be generate again.

* Name	ServiceNow Incident Meshlet	Application	Global
* Client ID	4957292f9530101070eee4d228e99b9b	Accessible from	All application scopes
Client Secret	<div>Leave Client Secret blank to automatically generate a string</div>	Active	<input checked="" type="checkbox"/>
Refresh Token Lifespan		* Refresh Token Lifespan	
Access Token Lifespan		* Access Token Lifespan	
Redirect URL			
Logo URL			
Comments			

2

Generate access token

After creating an OAuth API endpoint, generate an access token to be used with the ServiceNow meshlet. [See the following for accessing token in ServiceNow](#).

Refer to the table below to include the following properties in the request body:

Key	Description
grant_type	Indicates which applications can gain access tokens NOTE: Value will always be password
client_id	Client ID from ServiceNow
client_secret	Client Secret from ServiceNow
username	Username for user accessing the API in ServiceNow
password	Password for user accessing the API in ServiceNow

Here is an example of the URL-encoded HTTP POST body:

3

```
{
  "grant_type" : "password",
  "client_id" : "4957292f9530101070eee4d228e99b9b",
  "client_secret" : "aZ1j&nnddU",
  "username" - "foo",
  "password" - "foobar2"
}
```

Edit meshlet configuration file

In the **accesstoken** field, put your access token retrieved from Step 2. Then, leave **username** and **password** blank.

```
auth:
  username:
  password:
  accesstoken:
gsijrq3uchris849q23nguyeny4j283srq9y4hntcgyawipfrgeorviloloankjrk83q0unreuhjkeewj5287y3qwoauej
i128
```

NOTE: If a username or password is set (in addition to the access token), the username or password will take precedence (i.e. username/password is used to authenticate the Meshlet).