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May 22, 2020
# Table of Contents

## Specifications

- Confirm Web API 6
- Generating an OAuth token 6
Specifications

The following sections outline all the Specifications that exist within the Confirm functionality.

In this section

Confirm Web API

6
Confirm Web API

Introduction
The Confirm Web API allows data in Confirm to be modified via a web based application program interface (API).
The Confirm Web API is available automatically with the Confirm web interface.

Capabilities
Currently the API can be used to modify the following entities:

<table>
<thead>
<tr>
<th>Entity</th>
<th>Operations</th>
</tr>
</thead>
<tbody>
<tr>
<td>Features</td>
<td>Update a Feature’s Conditions</td>
</tr>
<tr>
<td>Jobs</td>
<td>Create a Job</td>
</tr>
<tr>
<td></td>
<td>Update the Status of a Job</td>
</tr>
<tr>
<td></td>
<td>Commit a Job</td>
</tr>
<tr>
<td>CentralEnquiries</td>
<td>Add Images and Documents to an Enquiry</td>
</tr>
</tbody>
</table>

OpenAPI Schema Definition
For more detailed information on how to use the Confirm Web API, refer to the schema definition:
• ConfirmWebApi.yaml

Generating an OAuth token
Follow the steps to generate an OAuth token:
1. Obtain your API Key (Username) and Secret (password) from Confirm system administrator
2. To generate the OAuth Token, encode your credentials (API Key and Secret) using base64 computation mechanism. To do this, provide API KEY and Secret to the base64 encoder (online encoder can be used), and generate the encoded 'base64value'.
3. The following format should be used while computing the {BASE64VALUE}:
   {API KEY}:{SECRET}
4. Enter the generated 'base64value' in the header of the request and call the token URI as shown below:
   
   Authorization: Basic {base64Value}
   Content-Type: application/x-www-form-urlencoded
   POST {Confirm web url}/api/{tenant}/oauth/token
   grant_type=client_credentials
Here, {tenant} is the tenant name and {Confirm web url} is the URL where Confirm web is deployed, like https://ConfirmWebServer/ConfirmWeb/.

5. The access token is returned as follows:

```json
{
    "access_token": "{your access token as a Base64 encoded value}",
    "token_type": "bearer",
    "expires_in": {The expiry time in seconds}
}
```