Confirm®

Central Enquiries API

v19.20c.AM
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July 16, 2019
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Specifications

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

In this section

Confirm CentralEnquiries API 6
Confirm CentralEnquiries API

Confirm CentralEnquiries API allows uploading documents for an enquiry in Confirm. It can accept multiple documents in a Base64 encoded format. You have to first generate an OAuth token and then make your first API call. Refer the sections below to make your first API call.

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}"
   }
   ```

Response:

The response of the token API follows a standard response pattern as described under API Response on page 8

CentralEnquiries POST Request

The POST request allows you to upload multiple documents for an enquiry in Confirm. It accepts and enquiry number and an array of documents.

To make an API call, you need to pass the OAuth access token in the request header (Making an API call).
Post Request Parameters:

<table>
<thead>
<tr>
<th>Name</th>
<th>Data Type</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>enquiryNumber</td>
<td>integer</td>
<td>Required. The enquiry number.</td>
</tr>
</tbody>
</table>

Sample Request:

Authorization: Bearer {YOUR OAUTH ACCESS TOKEN}
Content-Type: application/json
POST {Confirm web url}/api/{tenant}/centralEnquiries

```json
{
   "enquiryNumber": "{Enquiry number}"
   "centralDocLinks": [
       {
           "documentName": "test.png",
           "blobData": "{Base64 encoded content}"
           "documentNotes": "Notes for test.png",
           "documentDate": "2018-09-03T16:20:22"
       },
       {
           "documentName": "test2.jpeg",
           "blobData": "{Base64 encoded content}"
           "documentNotes": "some notes"
       }
   ]
}
```

Response:

The response of the API follows a standard response pattern as described under **API Response** on page 8.

Confirm API Models

error

<table>
<thead>
<tr>
<th>Name</th>
<th>Data Type</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>error_description</td>
<td>String</td>
<td>The error message explaining the reason why a document could not be uploaded.</td>
</tr>
</tbody>
</table>

centralDocLink

<table>
<thead>
<tr>
<th>Name</th>
<th>Data Type</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>documentName</td>
<td>String</td>
<td>Required. The name of the document.</td>
</tr>
<tr>
<td>blobData</td>
<td>String</td>
<td>Required. The Base64 encoded string representing the document content.</td>
</tr>
<tr>
<td>Name</td>
<td>Data Type</td>
<td>Description</td>
</tr>
<tr>
<td>-----------------</td>
<td>-----------</td>
<td>------------------------------------------------</td>
</tr>
<tr>
<td>documentDate</td>
<td>String</td>
<td>Optional. The date when the document is uploaded. When omitted, current date and time is used.</td>
</tr>
</tbody>
</table>

**API Response**

An API returns a status 200 (OK) when successful. In some cases, specific error(s) can be returned in the response even though the overall API status code is 200 (for example, for each document that fails to upload for an enquiry, an error object is returned with the reason of failure, but the API as a whole returns a status code 200).

**Errors:**

The following table describes the possible errors that can be returned by an API.

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>400</td>
<td>Invalid request parameters.</td>
</tr>
<tr>
<td>401</td>
<td>Authentication failures, invalid licenses or expired access tokens.</td>
</tr>
<tr>
<td>403</td>
<td>Insufficient permissions.</td>
</tr>
<tr>
<td>404</td>
<td>No entity found within Confirm with the supplied key.</td>
</tr>
<tr>
<td>500</td>
<td>Any other error.</td>
</tr>
</tbody>
</table>