

Oracle FCCM Cloud Service Customer Screening API

Using Customer Screening API



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Preface

Using Customer Screening API introduces information sources that can help you use the Oracle Financial Services Customer Screening Cloud Service (OFS CS CS) API.

Audience

This document is intended for users who are responsible for provisioning and activating Oracle FCCM Customer Screening Cloud services or for adding other users who would manage the services, or for users who want to develop Oracle Cloud applications.

Help

Use Help Icon  to access help in the application. If you don't see any help icons on your page, click your user image or name in the global header and select Show Help Icons. Not all pages have help icons. You can also access the <https://docs.oracle.com/en/> to find guides and videos.

Related Resources

For more information, see these Oracle resources:

- Oracle Public Cloud: <http://cloud.oracle.com>
- Community: Use <https://community.oracle.com/customerconnect/> to get information from experts at Oracle, the partner community, and other users.
- Training: Take courses on Oracle Cloud from <https://education.oracle.com/oracle-cloud-learning-subscriptions>.

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Conventions

The following text conventions are used in this document:

Convention	Meaning
boldface	Boldface type indicates graphical user interface elements associated with an action, or terms defined in text or the glossary.
<i>italic</i>	Italic type indicates book titles, emphasis, or placeholder variables for which you supply particular values.
<code>monospace</code>	Monospace type indicates commands within a paragraph, URLs, code in examples, text that appears on the screen, or text that you enter.

Comments and Suggestions

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1

About the REST APIs

You can use Oracle REST APIs to view data stored in Oracle Cloud Service. A REST API (also known as RESTful API) is an application programming interface (API or web API) that conforms to the constraints of REST architectural style and allows for interaction with RESTful web services.

Oracle Transaction Filtering Cloud Service provides a Representational State Transfer (REST) API to perform user tasks in an automated manner. The REST API is an application-programming interface that provides a simplified way to exchange data through HTTP requests from a client to the server. In REST APIs, a resource is an object with a type, associated data, and relationships to other resources. You can use a set of HTTP methods to access each resource.

Resources are organized in a hierarchical structure that enables:

- Better organization, by grouping related data so that you can efficiently customize the resources.
- Improved performance by using a single HTTP request to handle multiple resources.

2

Getting Started

Before executing the Rest APIs and performing various tasks, refer to the following topics to meet the necessary requirements:

- [Prerequisites](#)
- [Authentication](#)
- [Supported Methods](#)
- [Supported Headers](#)
- [Status Code](#)

2.1 Prerequisites

Prerequisites for executing Rest APIs.

The following are the set of prerequisites required for executing/invoking Rest APIs.

- Access to Customer Screening (CS) service.
- Appropriate user privileges to access the services.
- Technical and functional knowledge to understand and execute the REST APIs and configuration knowledge.
- Knowledge of REST concepts, JSON, and browser-based REST clients.
- Knowledge of an interactive and automatic tool for verifying the APIs, such as Postman.

2.1.1 Obtain Account Information

The account creation e-mail from Oracle contains the identity domain name for the Oracle Transaction Filtering Cloud instance. If you do not have this information, then contact your service administrator.

2.2 Authentication

The Authentication Process involves the use of cURL Commands in a CLI Tool to generate the access token and invoke REST APIs.

Ensure that you have the appropriate log-in credentials for accessing the Oracle Customer Screening cloud service, and the appropriate role for creating, managing, and deleting service instances.

2.2.1 Getting Authentication

To get authentication, follow these steps:

1. Log in to **Admin Console**. For more information, see [Admin Console](#).

- Go to **Component Details** and click **AUTH** tab. The Client ID and Client Password details are displayed.
- Copy Client ID and Client password.
- Open Postman or relevant API tools. Select POST method and paste the URL: `https://ip:port/oauth2/v1/token`.

 Note:

Replace `ip:port` with tenant URL or domain name.

- Click the **Authorization** tab. Go to the Type field and select **Basic Auth** from the drop-down list. The User name and Password fields are displayed.
- Enter the User Name and Password that you have copied in step-3.
- Go to the **Body** tab. Select request format as: `x-www-form-urlencoded`.
- Enter the KEY and Value fields as mentioned in the subsequent table:

Table 2-1 Key and Value

KEY	VALUE
grant_type	client_credentials
scope	urn:opc:idm:__myscopes__

- Click the **Header** tab. The Header details are displayed.
- Enter the details explained in the subsequent table:

Table 2-2 Key and Value

KEY	VALUE
Postman-Token	client_credentials
scope	urn:opc:idm:__myscopes__
Content-Type	application/x-www-form-urlencoded
Content-Length	<calculated when request is sent>
Host	<calculated when request is sent>
User-Agent	PostmanRuntime/7.28.0
Accept	*/*
Accept-Encoding	gzip,deflate,br
Connection	keep-alive

- Click **Send**. An Authorization token is generated in the Response body. For example, `<eyJ4NXQjUzI1NiI6Ikk3cWxndmlKal...>`

 Note:

This authentication key is valid for a stipulated time.

- Copy only the Authorization token details.

2.2.2 Executing Customer Screening Realtime Request

To execute Customer Screening Realtime Request, follow these steps:

1. Open Postman or relevant tool.
2. Copy only the Authorization token that you got from the previous request.
3. Go to Header.
4. Enter KEY as a **Authentication** and Description as a bearer (Authorization token)
<eyJ4NXQjUzI1NiI6Ikk3cWxndm1Kal...>.
5. Send a request using the POST method. The request must be in the following format:
 - **HTTP Link:** http://hostname:port/api.
 - **Path:** /csxe-real-time/executeRealTime

You will get a response as an integer value (for example, "requestId": 141) which has to be passed in the Get RTEvent API {requestID}. For more information, see the [Executing Customer Screening GET RT Events Request](#) section.

2.2.3 Executing Customer Screening GET RT Events Request

To execute RT event request, follow these steps:

1. Open Postman or relevant tool.
2. Copy only the Authorization token in the previous request.
3. Go to the Header tab.
4. Enter KEY as an Authentication and Description as a bearer (Authorization token)
<eyJ4NXQjUzI1NiI6Ikk3cWxndm1Kal...>..
5. Send a request using the GET method. The request must be in the following format:
 - **HTTP Link:**http://hostname:port/api.
 - **Path :** csxe-real-time/RTEvents/getForRequestId/{requestID}

You will get a response as an event generated for the particular request ID.

2.3 Supported Methods

Methods to invoke/execute Rest APIs.

- **GET:** Retrieve information about the service instance.
- **POST:** Create, scale, backup, start, and stop the service instance.
- **PUT:** Update the service instance.

2.3.1 Media Types

The following media type is supported by the Oracle Customer Screening Cloud REST API:

- application/json

2.4 Supported Headers

Headers supported in the Rest APIs.

The REST API supports headers that may be passed in the header section of an HTTP Request or Response.

Table 2-3 Supported Headers

Headers	Description	Example
Content-Type	The media type of the body of the request. Required for POST and PUT requests, and the supported types vary with each endpoint.	Content-Type: application/json
Accept	The media type of the body of the response.	Accept: application/json
X-ID-TENANT-NAME	The identity domain name of the service used for authentication.	X-ID-TENANT-NAME: ExampleIdentityDomain

2.5 Status Code

Return Status Codes.

When you call the Accounting Foundation Cloud Service REST APIs Resources, the Response Header returns one of the standard HTTP Status Codes.

Table 2-4 Status Code

HTTP Status Code	Description
200 OK	The request was successfully completed. A 200 status is returned for a successful GET or POST Method.
201 Created	The request has been fulfilled and resulted in a new resource being created. The response includes a Location Header containing the canonical URI for the newly created resource. A 201 status is returned from a synchronous resource creation or an asynchronous resource creation that was completed before the response was returned.

Table 2-4 (Cont.) Status Code

HTTP Status Code	Description
202 Accepted	The request has been accepted for processing, but the processing has not been completed. The request may or may not eventually be acted upon, as it may be disallowed at the time the processing takes place. When specifying an Asynchronous (<code>__detached=true</code>) Resource creation (for example, when deploying an application), or update (for example, when redeploying an application), a 202 is returned if the operation is still in progress. If <code>__detached=false</code>, a 202 may be returned if the underlying operation does not complete in a reasonable amount of time.
400 Bad Request	The request could not be processed because it contains missing or invalid information (such as a validation error on an input field, a missing required value, and so on).
401 Unauthorized	The request is not authorized. The Authentication Credentials included with this request are missing or invalid.
403 Forbidden	The user cannot be authenticated. The user does not have the authorization to perform this request.
404 Not Found	The request includes a resource URI that does not exist.
405 Method Not Allowed	The HTTP verb specified in the request (DELETE, GET, POST, PUT) is not supported for this request URI.
406 Not Acceptable	The resource identified by this request is not capable of generating a representation corresponding to one of the media types in the Accept Header of the request. For example, the client's Accept Header request XML be returned, but the resource can only return JSON.
409 Conflict	The client's ContentType Header is not correct (for example, the client attempts to send the request in XML, but the resource can only accept JSON).
415 Not Acceptable	The client's ContentType Header is not correct (for example, the client attempts to send the request in XML, but the resource can only accept JSON).
500 Internal Server Error	The server encountered an unexpected condition that prevented it from fulfilling the request.
503 Service Unavailable	The server is unable to handle the request due to temporary overloading or maintenance of the server. The REST Web Application is not currently running.

3

Real Time Customer Screening JSON Service (Individual)

Topics:

- [Using Customer Screening Real-time Request](#)
- [Using Customer Screening GET RT Events Request](#)

3.1 Using Customer Screening Real-time Request

The REST API is used to execute the Customer Screening Real-time Request.

End Point Details

- HTTP Link - `http://<hostname>:<port>/csxe-real-time/executeRealTime`
- Method – POST
- Content Type - Application/JSON

Executing Customer Screening Real-time Request

To execute Customer Screening Real-time Request, see [Executing Customer Screening Realtime Request](#).

Request JSON Parameters

Parameter	Value Type	Description
Source Request ID	String	Unique identification for the candidate.
Applicant ID	String	Unique identification of the candidate that needs to process.
Candidate Jurisdiction	String	The jurisdiction where the candidate wants to do business or operation. (Mandatory)
Business Domain	String	The corresponding business domain of the candidate client. (Mandatory)
Data Origin	String	Captures source system details responsible for onboarding requests.
First name	String	Captures the first name of the candidate. (Mandatory)
Middle name	String	Captures the middle name of the candidate.
Last name	String	Captures the Last name of the candidate. (Mandatory)
Title	String	Captures any titles of the candidate.

Parameter	Value Type	Description
Full name	String	Captures the full name of the candidate.
Alias	String	Captures all aliases of the candidate. Can hold multiple aliases.
Date of Birth	String	Date of birth of an individual.
Year of Birth	String	Enter the year of birth of the candidate
SSN/TIN	String	Social Security Number or Tax Identification Number.
Gender	String	Gender of the candidate.
Primary Citizenship	String	Primary citizenship of the candidate.
Secondary Citizenship	String	Secondary citizenship of the candidate.
Country Of Birth	String	Country of birth of the candidate.
Country Of Residence	String	Country of residence of the candidate.
Existing Internal ID	String	Flag to indicate whether the candidate on boarded is an existing customer.
Address of candidate	String	String Street line: The street address of the candidate. City: The city of candidate address. State: The state of candidate address. Country: The country of candidate address. Postal Code: The postal code of candidate address.
Identification Document	String	Document Type: Flag captures the document type of the document provided by the candidate.
	String	Document Number: Flag captures the document number of the document provided by the candidate.
	String	Issuing Country: Flag captures the document's issuing county of the document provided by the candidate.
Candidate Type	String	Type of the candidate. IND if Individual.

Response JSON Parameters

Parameter	Value Type	Description
Request ID	Integer	Request ID generated for an individual.

Request and Response JSON Samples

Request Sample:

Sample API: `http://<hostname>:<port>/csxe-real-time/executeRealTime`

```
{
  "requestedBy": "null",
  "requestJson": {
    "Candidate": [
      {
        "Source Request ID": "SRCREQ123",
        "Applicant ID": "APPID123",
        "Candidate Jurisdiction": "AMEA",
        "Business Domain": "GEN",
        "First Name": "John",
        "Middle Name": "Cookie",
        "Last Name": "Doe",
        "Title": "Mr",
        "Full Name": "John Cookie Doe",
        "Alias": "Joe Blow",
        "Date Of Birth": "2024-08-01",
        "Year Of Birth": "2024",
        "SSN/TIN": "SSN123",
        "Gender": "",
        "Primary Citizenship": "Ruritania",
        "Secondary Citizenship": "Ruritania",
        "Country Of Birth": "Ruritania",
        "Country Of Residence": "Ruritania",
        "Existing Internal ID": "",
        "Address": [
          {
            "Street Line 1": "123 Main Street",
            "City": "Tucson",
            "State": "Arizona",
            "Country": "Ruritania",
            "Postal Code": "111111"
          },
          {
            "Street Line 1": "456 Main Steet 2",
            "City": "Marana",
            "State": "Washington",
            "Country": "Ruritania",
            "Postal Code": "111111"
          }
        ]
      }
    ],
    "Identification Document": [
      {
        "Document Type": "ID Type",
```

```
        "Document Number": "Doc 12334",  
        "Issuing Country": "Ruritania"  
    }  
  ],  
  "Candidate Type": "IND",  
  "searchWithCase": true  
}  
]  
}  
}
```

Response Sample:

```
{"requestId":423}
```

3.2 Using Customer Screening GET RT Events Request

This REST API is used to get real-time events.

End Point Details

- HTTP Link - `http://<hostname>:<port>/csxe-real-time/RTEvents/getForRequestId/{requestid}`
- Method – GET
- Content Type - Application/JSON

End Point Details - Version II

- HTTP Link - `http://<hostname>:<port>/csxe-real-time/RTEvents/v2/getForRequestId/{requestid}`
- Method – GET
- Content Type - Application/JSON

Executing Customer Screening GET RT Events Request

To execute RT event request, see [Executing Customer Screening GET RT Events Request](#).

Request JSON Parameters

Parameter	Value Type	Description
Request ID	Integer	Request ID generated for an Individual.

Response JSON Parameters

Parameter	Value Type	Description
Event Score	Integer	The score of the event.
Bus Domain	String	The business domain name. (Mandatory)
Jurisdiction	String	Enter the jurisdiction name.
Watchlist SKey	Integer	Enter the key of the watchlist

Parameter	Value Type	Description
Watch ListJson	String	Enter the watchlist information.
Event Matches	Integer	Match Score: The matching score in case of match.
	String	Search String: The string that is to be searched
	String	Matched Col Logical Name: The logical name of the column that is matched.
	String	Overall Score: The overall total score.
	String	Rule Name: The name of the rule used.
	String	Matched Value: The value that is matched.
	String	Matched Column: The column that is matched.
Case ID	Integer	Enter the ID of case

Request and Response JSON Samples

Request Sample:

Sample API: <http://<hostname>:<port>/csxe-real-time/RTEvents/getForRequestId/117>

```
[
  [
    {
      "EventList": [
        {
          "eventScore": 90,
          "busDomain": "GEN",
          "jurisdiction": "AMEA",
          "watchlistSkey": 4025902,
          "watchlistJson": "{\"v_title\":\"
          \",\"v_vessel_tonnage\":\" \",\"v_full_name\":\"George
          Beattie\", \"v_deceased_date\":\" \", \"v_vessel_owner\":\"
          \", \"v_description2\":\"Other Official
          Lists\", \"v_id_type\":\"Others\", \"v_aliases_family_name\":\" \", \"v_url\":\"
          \", \"v_date\":\"1961-03-14;1984-07-14\", \"v_identification_numbers\":\"
          \", \"v_registration_date\":\" \", \"v_max_yob\":\"1961\", \"v_address\":\"21
          Ladeside Drive, Kilsyth, Glasgow;Scotland;G65 0JW, United Kingdom;Woodburn
          House Auchentreoch, Milton of Campsie, Glasgow;Scotland;G66 8AN, United
          Kingdom;\", \"v_suffix\":\"
          \", \"v_id_value\":\"001244030002;233828250001;\", \"v_source_name\":\"http://
          wck2.companieshouse.gov.uk/dirsec;\", \"v_vessel_flag\":\"
          \", \"v_nationality\":\" \", \"v_deceased\":\"No\", \"v_inactive_date\":\"
          \", \"v_entity_name\":\" \", \"v_aliases\":\"Abdelhamid Khamis
          ABDULLAH;Abdulhamid Khamis Abdullah;Hamid Khamis;Abdelhamid Khamis Ahmad
          Adballa;Abdelhamid Khamis ABDULLAH;Abdulhamid Khamis Abdullah;Hamid
          Khamis;Abdelhamid Khamis Ahmad Adballa;Abdelhamid Khamis ABDULLAH;Abdulhamid
          Khamis Abdullah;Hamid Khamis;Abdelhamid Khamis Ahmad Adballa;Abdelhamid
          Khamis ABDULLAH;Abdulhamid Khamis Abdullah;Hamid Khamis;Abdelhamid Khamis
          Ahmad Adballa;Abdelhamid Khamis ABDULLAH;Abdulhamid Khamis Abdullah;Hamid
```

[illegible]

[illegible]

```

Kingdom\","v_entity_name_bus_strip\":" \","v_occupation\":"
\","v_date_notes\":"
\","n_uid\":"11065235","v_country_type\":"Citizenship;Resident
of\","v_wl_type\":"DJW\","v_addition_date\":"2017-05-08\","v_aliases_give
n_name\":" \","v_to_date1\":"
\","v_to_date2\":"2024-05-03\","v_place_of_birth\":"
\","v_city\":"Kilsyth, Glasgow;Scotland;G65 0JW;Milton of Campsie,
Glasgow;Scotland;G66 8AN\","v_name_type\":"Primary
Name\","v_vessel_call_sign\":"
\","v_given_name\":"George\","v_addressline\":"21 Ladeside Drive;Woodburn
House Auchenreoch\","v_name_sub_type\":"
\","v_min_yob\":"1961\","n_wl_skey\":"4025902","v_relationship\":"Associate
;","v_date_of_births\":"1961-03-14\","v_image\":";","v_is_ex\":"No;","
v_country_type_country_name\":"United Kingdom;United
Kingdom\","v_yob\":"1961\","n_run_skey\":"457","v_role_type\":"
\","v_gender\":"M\","v_active_status\":"Active\","v_record_action\":"chg
\","v_passports\":" \","v_ssn\":" \","v_vessel_grt\":"
\","v_family_name\":"Beattie\","v_last_reviewed_date\":"2024-05-06\","v_r
elated_person_entity_id\":"11065238;","v_date_type\":"Date of
Birth\","v_vessel_type\":" \","v_sanction_list_reference\":"Companies
House (UK) Disqualified
Directors;","v_entity_type\":"I\","v_since_date1\":"
\","v_since_date2\":"2017-05-04;2017-06-21\","v_country\":"United
Kingdom;United Kingdom"}",
    "eventMatches": [
        {
            "matchScore": 100,
            "searchString": "George",
            "matchedColLogicalName": "Given Names",
            "overallScore": 90,
            "ruleName": "First Name, Last Name, Date Of
Birth, City, Country",
            "matchedValue": "George",
            "matchedColumn": "v_given_name"
        },
        {
            "matchScore": 100,
            "searchString": "beattie",
            "matchedColLogicalName": "Family Name",
            "overallScore": 90,
            "ruleName": "First Name, Last Name, Date Of
Birth, City, Country",
            "matchedValue": "Beattie",
            "matchedColumn": "v_family_name"
        }
    ],
    "searchHyperlink": "http://www.google.co.uk/search?
hl=en&q=$FULL_NAME$",
    "indProfileHyperlink": "https://riskcenter.dowjones.com/
profile?id=$N_UID$",
    "entProfileHyperlink": "https://riskcenter.dowjones.com/
profile?id=$N_UID$"
    }
    ],
    "CaseId": 5510
}

```

$$\begin{array}{cc} &] \\] & \end{array}$$

Request and Response JSON Samples - Version II

Request Sample - Version II:

Sample API: `http://<hostname>:<port>/csxe-real-time/RTEvents/v2/getForRequestId/594`

Response Sample - Version II:

```
[
  {
    "EventList": [
      {
        "eventScore": 88.4,
        "busDomain": "a",
        "jurisdiction": "AMEA",
        "watchlistSkey": 27856,
        "watchlistJson": "{\"v_title\":\"-0- \",\"v_alt_remarks\":\"\\",\"v_full_name\":\"BIN LADIN Usama bin Muhammad bin Awad\", \"v_citi_country\":\" \",\"v_remarks\":\"DOB 30 Jul 1957; alt. DOB 1958; POB Jeddah, Saudi Arabia; alt. POB Yemen.\", \"v_city_state_postalcode\":\"-0- \",\"v_vess_type\":\"-0- \",\"v_grt\":\"-0- \",\"v_aliases_family_name\":\"BIN LADIN;BIN LADEN;BIN LADEN;BIN LADIN;BIN LADIN\", \"v_add_remarks\":\"-0- \",\"v_sdn_name\":\"BIN LADIN, Usama bin Muhammad bin Awad\", \"n_add_num\":\"3872\", \"n_alt_num\":\"\\", \"v_program\":\"SDGT\", \"watchlist_name_type\":\"\\", \"v_identification_numbers\":\" \",\"v_alt_name\":\"BIN LADIN, Usama;BIN LADEN, Usama;BIN LADEN, Osama;BIN LADIN, Osama;BIN LADIN, Osama bin Muhammad bin Awad\", \"f_sdn_fl\":\"Y\", \"v_max_yob\":\"1958\", \"v_address\":\" 0 \", \"v_call_sign\":\"-0- \", \"v_nationality\":\"\\", \"v_alt_type\":\"aka;aka;aka;aka;aka\", \"v_entity_name\":\"\\", \"v_aliases\":\"BIN LADIN, Usama;BIN LADEN, Usama;BIN LADEN, Osama;BIN LADIN, Osama;BIN LADIN, Osama bin Muhammad bin Awad\", \"d_load_date\":\"2024-06-13 05:22:29.0\", \"v_original_script_name\":\" \", \"v_vess_owner\":\"-0- \", \"v_other_party_name\":\" \", \"v_wl_sub_type\":\"SAN\", \"v_residence\":\"\\", \"v_entity_name_bus_strip\":\" \", \"v_occupation\":\"\\", \"v_tonnage\":\"-0- \", \"n_uid\":\"6365\", \"v_wl_type\":\"OFAC\", \"v_aliases_given_name\":\"Usama;Usama;Osama;Osama;Osama bin Muhammad bin Awad\", \"v_place_of_birth\":\" Yemen.\", \"v_city\":\"-- \", \"v_given_name\":\"Usama bin Muhammad bin Awad\", \"v_min_yob\":\"1957\", \"n_wl_skey\":\"27856\", \"v_sdn_type\":\"individual\", \"v_date_of_births\":\"1957-07-30\", \"v_street\":\"\\", \"v_yob\":\"1958;1957\", \"n_run_skey\":\"110\", \"v_gender\":\"\\", \"v_passports\":\" \", \"v_ssn\":\" \", \"v_family_name\":\"BIN LADIN\", \"v_town_of_birth\":\" \", \"v_vess_flag\":\"-0- \", \"v_entity_type\":\"I\", \"v_alias_city_of_birth\":\" \", \"v_country\":\" 0 \\\"}\",
        "eventMatches": [
          {
            "matchScore": 98,
            "searchString": "Obama Laden",

```

```

        "matchedColLogicalName": "Aliases",
        "overallScore": 88.4,
        "ruleName": "Full Name, Date Of Birth, City, Country",
        "matchedValue": "BIN LADIN, Usama;BIN LADEN, Usama;BIN LADEN,
Osama;BIN LADIN, Osama;BIN LADIN, Osama bin Muhammad bin Awad",
        "matchedColumn": "v_aliases"
    }
],
    "searchHyperlink": "http://www.google.co.uk/search?
hl=en&q=$FULL_NAME$",
    "indProfileHyperlink": "",
    "entProfileHyperlink": ""
}
},
    "CaseId": 8230
},
{
    "Candidate": [
        {
            "Identification Document": [
                {
                    "Document Number": "",
                    "Document Type": "",
                    "Issuing Country": ""
                }
            ],
            "Date Of Birth": "",
            "Address": [
                {
                    "Postal Code": "",
                    "Street Line 1": "",
                    "State": "",
                    "Country": "",
                    "City": ""
                }
            ],
            "First Name": "Obama",
            "Full Name": "Obama Laden",
            "Title": "",
            "Candidate ID": 583,
            "Middle Name": "",
            "Gender": "",
            "Source Request ID": "",
            "Year Of Birth": 0,
            "Applicant ID": "CSRT_583",
            "Business Domain": "a",
            "searchWithCase": true,
            "SSN/TIN": "",
            "Primary Citizenship": "",
            "Country Of Residence": "",
            "Alias": "",
            "Candidate Type": "IND",
            "Existing Internal ID": "",
            "Candidate Jurisdiction": "AMEA",
            "Last Name": "Laden",
            "Country Of Birth": ""
        }
    ]
}

```

```
        "Secondary Citizenship": ""  
      }  
    ]  
  }  
]  
]
```

4

Real Time Customer Screening JSON Service (Entity)

Topics:

- [Using Customer Screening Real-time Request](#)
- [Using Customer Screening GET RT Events Request](#)

4.1 Using Customer Screening Real-time Request

The REST API is used to execute the Customer Screening Real-time Request.

End Point Details

- HTTP Link - `http://<hostname>:<port>/csxe-real-time/executeRealTime`
- Method – POST
- Content Type - Application/JSON

Executing Customer Screening Real-time Request

To execute Customer Screening Real-time Request, see [Executing Customer Screening Realtime Request](#).

Request JSON Parameters

Parameter	Value Type	Description
Source Request ID	String	Unique identification for the candidate.
Applicant ID	String	Unique identification of the candidate that needs to process.
Candidate Jurisdiction	String	The jurisdiction where the candidate wants to do business or operation. (Mandatory)
Business Domain	String	The corresponding business domain of the candidate client. (Mandatory)
Data Origin	String	Captures source system details responsible for onboarding requests.
Organization Name	String	Captures the first name of the organization
SSN/TIN	String	Social Security Number or Tax Identification Number.
Country Of Incorporation	String	Country of incorporation of the candidate organization.
Country Of Taxation	String	Country of Taxation of the candidate organization.

Parameter	Value Type	Description
Existing Internal ID	String	Flag to indicate whether the candidate on boarded is an existing customer.
Address of candidate	String	String Street line : The street address of the candidate. City : The city of candidate address. State : The state of candidate address. Country :The country of candidate address. Postal Code : The postal code of candidate address.
Identification Document	String	Document Type : Flag captures the document type of the document provided by the candidate.
	String	Document Number : Flag captures the document number of the document provided by the candidate.
	String	Issuing Country : Flag captures the document's issuing county of the document provided by the candidate.
Candidate Type	String	Type of the candidate. ENT if Entity.

Response JSON Parameters

Parameter	Value Type	Description
Request ID	Integer	Request ID generated for an Entity.

Request and Response JSON Samples

Request Sample:

Sample API: `http://<hostname>:<port>/csxe-real-time/executeRealTime`

```
{
  "requestedBy": "null",
  "requestJson": {
    "Candidate": [
      {
        "Source Request ID": "SRCREQID123",
        "Applicant ID": "APPID123",
        "Candidate Jurisdiction": "AMEA",
        "Business Domain": "a",
        "Organization Name": "Acme Corporation",
        "SSN/TIN": "SSN123",
        "Country Of Incorporation": "Ruritania",

```

```

    "Country Of Taxation": "Ruritania",
    "Existing Internal ID": "Ruritania",
    "Address": [
      {
        "Street Line 1": "Bilal Town",
        "City": "Abbottabad",
        "State": "Khyber Pakhtunkhwa",
        "Country": "Ruritania",
        "Postal Code": "11111"
      }
    ],
    "Identification Document": [
      {
        "Document Type": "DOCTYPE",
        "Document Number": "DOC123",
        "Issuing Country": "Ruritania"
      }
    ],
    "Candidate Type": "ENT",
    "searchWithCase": true
  }
]
}

```

Response Sample:

```
{"requestId":423}
```

4.2 Using Customer Screening GET RT Events Request

This REST API is used to get real-time events.

End Point Details

- HTTP Link - `http://<hostname>:<port>/csxe-real-time/RTEvents/getForRequestId/{requestid}`
- Method – GET
- Content Type - Application/JSON

End Point Details - Version II

- HTTP Link - `http://<hostname>:<port>/csxe-real-time/RTEvents/v2/getForRequestId/{requestid}`
- Method – GET
- Content Type - Application/JSON

Executing Customer Screening GET RT Events Request

To execute RT event request, see [Using Customer Screening GET RT Events Request](#).

Request JSON Parameters

Parameter	Value Type	Description
Request ID	Integer	Request ID generated for an Entity.

Response JSON Parameters

Parameter	Value Type	Description
Event Score	Integer	The score of the event.
Bus Domain	String	The business domain name. (Mandatory)
Jurisdiction	String	Enter the jurisdiction name.
Watchlist SKey	Integer	Enter the key of the watchlist
Watch ListJson	String	Enter the watchlist information.
Event Matches	Integer	Match Score: The matching score in case of match.
	String	Search String: The string that is to be searched
	String	Matched Col Logical Name: The logical name of the column that is matched.
	String	Overall Score: The overall total score.
	String	Rule Name: The name of the rule used.
	String	Matched Value: The value that is matched.
	String	Matched Column: The column that is matched.
Case ID	Integer	Enter the ID of case

Request and Response JSON Samples**Request Sample:**

Sample API: `http://<hostname>:<port>/csxe-real-time/RTEvents/getForRequestId/117`

Response Sample:

```
[
  [
    {
      "EventList": [
        {
          "eventScore": 80,
          "busDomain": "a",
          "jurisdiction": "AMEA",
          "watchlistSkey": 6771419,
          "watchlistJson": "{\"v_title\":\" \",\"v_vessel_tonnage\":\" \",\"v_full_name\":\" \",\"v_citi_country\":\" \",\"v_deceased_date\":\" \"}"
        }
      ]
    }
  ]
]
```

```

{"v_vessel_owner":"","v_description2":"","Sanctions Control and Ownership","v_id_type":"","Related EU Consolidated Electronic List ID;Related HM Treasury Group ID;Related OFAC Unique ID;Related DFAT Reference Number;Related Australian Regulation;Related EU Sanctions Programme Indicator;Related OFAC Program ID;Related UN Permanent Reference No.;Related HM Treasury Regime;Related Japanese Regulation;Related UN Sanctions Committee","v_aliases_family_name":"","","v_url":"","https://www.newtechno-ye.com/","v_date":"","","watchlist_name_type":"","","v_identification_numbers":"","","v_registration_date":"","","v_max_yob":"","1111","v_address":"","Ring Line, Infront of Saudi Embassy, Next to the General Authority for Insurance, Sanaa;Sanaa,Yemen;","v_suffix":"","","v_id_value":"","131805;14141;31192;6266;Consolidated List;YEM;YEMEN;YEi.007;Yemen;Yemen;Yemen;","v_source_name":"","https://almushahid.net/73207/;https://bawabatii.net/news283290.html;https://moit.gov.ye/moit/tn_search/index.php;https://www.newtechno-ye.com/;","v_vessel_flag":"","","v_nationality":"","","v_deceased":"","","v_inactive_date":"","","v_entity_name":"","New Technology for Communications and Information Technology Services Company Limited","v_aliases":"","","v_id_notes":"","";";";";";";";";";";","v_cessation_date":"","","v_occupation_category":"",";","v_original_script_name":"","","v_profile_notes":"","DOW JONES NOTES: 12-Nov-2021 This company is to an unknown percentage owned by UK Sanctioned Saleh Mesfer Saleh Al Shaer. PROFILE UPDATED: 23-Nov-2021 This company is to an unknown percentage owned by OFAC, EU and UK Sanctioned Saleh Mesfer Saleh Al Shaer. PROFILE UPDATED: 13-Jul-2024 As of 13-Jul-2024 the Sanctions Control & Ownership (SCO) content has been expanded to include additional jurisdictions. As a result, this profile's SCO descriptions have been updated accordingly. PROFILE UPDATED: 07-Aug-2024 This company is to an unknown stake owned by OFAC SDN and EU and UK and UN and Japan and Australia Sanctioned Saleh Mesfer Saleh Al Shaer. ","v_description3":"","Australia Related - Ownership Unknown;EU Related - Ownership Unknown;Japan Related - Ownership Unknown;OFAC Related - Ownership Unknown;UK Related - Ownership Unknown;UN Related - Ownership Unknown","v_other_party_name":"","","v_wl_sub_type":"","EDD","v_residence":"","","v_entity_name_bus_strip":"","NEW TECHNOLOGY FOR COMMUNICATIONS AND INFORMATION TECHNOLOGY SERVICES COMPANY LIMITED","v_occupation":"","","v_date_notes":"","","n_uid":"","12636649","v_country_type":"","Country of Registration","v_wl_type":"","DJW","v_addition_date":"","2021-11-12","v_aliases_given_name":"","","v_to_date1":"","","v_citizenship":"","","v_to_date2":"","","v_place_of_birth":"","","v_city":"","Sana'a;Sana'a","v_name_type":"","Primary Name","v_vessel_call_sign":"","","v_given_name":"","","v_addressline":"","Ring Line, Infront of Saudi Embassy, Next to the General Authority for Insurance","v_name_sub_type":"","OSN","v_min_yob":"","9999","n_wl_skey":"","6771419","v_relationship":"","Shareholder/Owner;","v_date_of_births":"","","v_street":"","","v_image":"",";","v_is_ex":"","No;","v_country_type_country_name":"","Yemen","v_yob":"","","n_run_skey":"","862","v_role_type":"","","v_gender":"","","v_active_status":"","Active","v_record_action":"","chg","v_passports":"","","v_ssn":"","","v_vessel_grt":"","","v_family_name":"","","v_town_of_birth":"","","v_last_reviewed_date":"","2024-08-07","v_related_person_entity_id":"","12635742;","v_date_type":"","","v_vessel_type":""

```

```
\",\"v_sanction_list_reference\":\
\", \"v_entity_type\": \"E\", \"v_since_date1\":\
\", \"v_alias_city_of_birth\": \"\", \"v_since_date2\":\
\", \"v_country\": \"Yemen\"}\",
    \"eventMatches\": [
      {
        \"matchScore\": 100,
        \"searchString\": \"New Technology for Communications and
Information \",
        \"matchedColLogicalName\": \"Entity Name\",
        \"overallScore\": 80,
        \"ruleName\": \"Entity Name, City, Country Match\",
        \"matchedValue\": \"New Technology for Communications and
Information Technology Services Company Limited\",
        \"matchedColumn\": \"v_entity_name\"
      }
    ],
    \"searchHyperlink\": \"http://www.google.co.uk/search?
hl=en&q=$FULL_NAME$\",
    \"indProfileHyperlink\": \"https://riskcenter.dowjones.com/profile?
id=$N_UID$\",
    \"entProfileHyperlink\": \"https://riskcenter.dowjones.com/profile?
id=$N_UID$\"
  }
],
  \"CaseId\": 8201
}
]
]
```

Request and Response JSON Samples - Version II

Request Sample - Version II:

Sample API: <http://<hostname>:<port>/csxe-real-time/RTEEvents/v2/getForRequestId/594>

Response Sample - Version II:

```
[
  [
    {
      \"EventList\": [
        {
          \"eventScore\": 80,
          \"busDomain\": \"a\",
          \"jurisdiction\": \"AMEA\",
          \"watchlistSkey\": 15135,
          \"watchlistJson\": \"{\\\"v_title\\\":\\\"-0- \",\\\"v_alt_remarks\\\":\\\"
\\\",\\\"v_full_name\\\":\\\" \",\\\"v_citi_country\\\":\\\"
\\\",\\\"v_remarks\\\":\\\"Organization Established Date 19 Jan 2017; Organization
Type: Postal activities; alt. Organization Type: Other financial service
activities, except insurance and pension funding activities, n.e.c.; Only
locations in Syria; Linked To: BIN ALI, Khodr
Taher.\\\",\\\"v_city_state_postalcode\\\":\\\"Damascus\\\",\\\"v_vess_type\\\":\\\"-0-
\\\",\\\"v_grt\\\":\\\"-0- \",\\\"v_aliases_family_name\\\":\\\" \",\\\"v_add_remarks\\\":\\\"-0-
\\\",\\\"v_sdn_name\\\":\\\"EMMA LLC\\\",\\\"n_add_num\\\":\\\"45008\\\",\\\"n_alt_num\\\":\\\"
```

```

\","v_program\":"SYRIA\","watchlist_name_type\":"
\","v_identification_numbers\":" \","v_alt_name\":"
\","f_sdn_fl\":"Y\","v_max_yob\":"1111\","v_address\":" 0
\","v_call_sign\":"-0- \","v_nationality\":" \","v_alt_type\":"
\","v_entity_name\":"EMMA LLC\","v_aliases\":"
\","d_load_date\":"2024-06-13 05:22:29.0\","v_original_script_name\":"
\","v_vess_owner\":"-0- \","v_other_party_name\":"
\","v_wl_sub_type\":"SAN\","v_residence\":"
\","v_entity_name_bus_strip\":"EMMA LLC\","v_occupation\":"
\","v_tonnage\":"-0-
\","n_uid\":"29857\","v_wl_type\":"OFAC\","v_aliases_given_name\":"
\","v_place_of_birth\":" \","v_city\":"Damascus\","v_given_name\":"
\","v_min_yob\":"9999\","n_wl_skey\":"15135\","v_sdn_type\":"-0-
\","v_date_of_births\":" \","v_street\":" \","v_yob\":"
\","n_run_skey\":"110\","v_gender\":" \","v_passports\":" \","v_ssn\":"
\","v_family_name\":"EMMA LLC\","v_town_of_birth\":"
\","v_vess_flag\":"-0-
\","v_entity_type\":"E\","v_alias_city_of_birth\":"
\","v_country\":"Syria\"},"",
    "eventMatches": [
        {
            "matchScore": 100,
            "searchString": "Emma LLC",
            "matchedColLogicalName": "Entity Name",
            "overallScore": 80,
            "ruleName": "Entity Name, City, Country Match",
            "matchedValue": "EMMA LLC",
            "matchedColumn": "v_entity_name"
        }
    ],
    "searchHyperlink": "http://www.google.co.uk/search?
hl=en&q=$FULL_NAME$",
    "indProfileHyperlink": "",
    "entProfileHyperlink": ""
}
},
"CaseId": 8231
},
{
    "Candidate": [
        {
            "Identification Document": [
                {
                    "Document Number": "",
                    "Document Type": "",
                    "Issuing Country": ""
                }
            ],
            "Organization Name": "Emma LLC",
            "Address": [
                {
                    "Postal Code": "",
                    "Street Line 1": "",
                    "State": "",
                    "Country": "",
                    "City": ""
                }
            ]
        }
    ]
}

```

```
        }  
      ],  
      "Candidate ID": 584,  
      "Source Request ID": "",  
      "Applicant ID": "CSRT_584",  
      "Business Domain": "a",  
      "searchWithCase": true,  
      "SSN/TIN": "",  
      "Country Of Incorporation": "",  
      "Candidate Type": "ENT",  
      "Country Of Taxation": "",  
      "Existing Internal ID": "",  
      "Candidate Jurisdiction": "AMEA"  
    }  
  ]  
}  
]  
]
```