

Oracle FCCM Cloud Service Customer Screening API

Using Customer Screening API



Release 25.05.01
G34900-04
July 2025

ORACLE®

Copyright © 2024, 2025, Oracle and/or its affiliates.

This software and related documentation are provided under a license agreement containing restrictions on use and disclosure and are protected by intellectual property laws. Except as expressly permitted in your license agreement or allowed by law, you may not use, copy, reproduce, translate, broadcast, modify, license, transmit, distribute, exhibit, perform, publish, or display any part, in any form, or by any means. Reverse engineering, disassembly, or decompilation of this software, unless required by law for interoperability, is prohibited.

The information contained herein is subject to change without notice and is not warranted to be error-free. If you find any errors, please report them to us in writing.

If this is software, software documentation, data (as defined in the Federal Acquisition Regulation), or related documentation that is delivered to the U.S. Government or anyone licensing it on behalf of the U.S. Government, then the following notice is applicable:

U.S. GOVERNMENT END USERS: Oracle programs (including any operating system, integrated software, any programs embedded, installed, or activated on delivered hardware, and modifications of such programs) and Oracle computer documentation or other Oracle data delivered to or accessed by U.S. Government end users are "commercial computer software," "commercial computer software documentation," or "limited rights data" pursuant to the applicable Federal Acquisition Regulation and agency-specific supplemental regulations. As such, the use, reproduction, duplication, release, display, disclosure, modification, preparation of derivative works, and/or adaptation of i) Oracle programs (including any operating system, integrated software, any programs embedded, installed, or activated on delivered hardware, and modifications of such programs), ii) Oracle computer documentation and/or iii) other Oracle data, is subject to the rights and limitations specified in the license contained in the applicable contract. The terms governing the U.S. Government's use of Oracle cloud services are defined by the applicable contract for such services. No other rights are granted to the U.S. Government.

This software or hardware is developed for general use in a variety of information management applications. It is not developed or intended for use in any inherently dangerous applications, including applications that may create a risk of personal injury. If you use this software or hardware in dangerous applications, then you shall be responsible to take all appropriate fail-safe, backup, redundancy, and other measures to ensure its safe use. Oracle Corporation and its affiliates disclaim any liability for any damages caused by use of this software or hardware in dangerous applications.

Oracle®, Java, MySQL, and NetSuite are registered trademarks of Oracle and/or its affiliates. Other names may be trademarks of their respective owners.

Intel and Intel Inside are trademarks or registered trademarks of Intel Corporation. All SPARC trademarks are used under license and are trademarks or registered trademarks of SPARC International, Inc. AMD, Epyc, and the AMD logo are trademarks or registered trademarks of Advanced Micro Devices. UNIX is a registered trademark of The Open Group.

This software or hardware and documentation may provide access to or information about content, products, and services from third parties. Oracle Corporation and its affiliates are not responsible for and expressly disclaim all warranties of any kind with respect to third-party content, products, and services unless otherwise set forth in an applicable agreement between you and Oracle. Oracle Corporation and its affiliates will not be responsible for any loss, costs, or damages incurred due to your access to or use of third-party content, products, or services, except as set forth in an applicable agreement between you and Oracle.

Contents

Preface

Audience	v
Help	v
Related Resources	v
Diversity and Inclusion	v
Documentation Accessibility	v
Conventions	vi
Comments and Suggestions	vi

1 About the REST APIs

2 Getting Started

2.1 Prerequisites	2-1
2.1.1 Obtain Account Information	2-1
2.2 Authentication	2-1
2.2.1 Getting Authentication	2-1
2.2.2 Executing Customer Screening Realtime Request	2-3
2.2.3 Executing Customer Screening GET RT Events Request	2-3
2.3 Supported Methods	2-3
2.3.1 Media Types	2-3
2.4 Supported Headers	2-4
2.5 Status Code	2-4

3 Real Time Customer Screening JSON Service (Individual)

3.1 Using Customer Screening Real-time Request	3-1
3.2 Using Customer Screening GET RT Events Request	3-4

4 Real Time Customer Screening JSON Service (Entity)

4.1 Using Customer Screening Real-time Request	4-1
--	-----

5 Upload Private Watchlist

5.1 End Point Details

5-1

5.2 Executing Private Watchlist Upload Request

5-1

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>.

Diversity and Inclusion

Oracle is fully committed to diversity and inclusion. Oracle respects and values having a diverse workforce that increases thought leadership and innovation. As part of our initiative to build a more inclusive culture that positively impacts our employees, customers, and partners, we are working to remove insensitive terms from our products and documentation. We are also mindful of the necessity to maintain compatibility with our customers' existing technologies and the need to ensure continuity of service as Oracle's offerings and industry standards evolve. Because of these technical constraints, our effort to remove insensitive terms is ongoing and will take time and external cooperation.

Documentation Accessibility

For information about Oracle's commitment to accessibility, visit the Oracle Accessibility Program website at <http://www.oracle.com/pls/topic/lookup?ctx=acc&id=docacc>.

Access to Oracle Support

Oracle customers that have purchased support have access to electronic support through My Oracle Support. For information, visit <http://www.oracle.com/pls/topic/lookup?ctx=acc&id=info> or visit <http://www.oracle.com/pls/topic/lookup?ctx=acc&id=trs> if you are hearing impaired.

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

Please give us feedback about Oracle Applications Help and guides! You can send an e-mail to: <https://support.oracle.com/portal/>.

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 Customer Screening 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](#).

2. Go to **Component Details** and click **AUTH** tab. The Client ID and Client Password details are displayed.
3. Copy Client ID and Client password.
4. 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.

5. 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.
6. Enter the User Name and Password that you have copied in step-3.
7. Go to the **Body** tab. Select request format as: `x-www-form-urlencoded`.
8. 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__ urn:opc:resource:expiry=54000

9. Click the **Header** tab. The Header details are displayed.
10. 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

11. Click **Send**. An Authorization token is generated in the Response body. For example, `<eyJ4NXQjUzI1NiI6Ikk3cWxndmlKal1...>`

 Note:

This authentication key is valid for a stipulated time.

12. 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 Auchentroch, 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_al
iases_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\": 6
771419, \"v_relationship\": \"Shareholder/Owner;\", \"v_date_of_births\": \"
\", \"v_street\": \"
\", \"v_image\": \"\", \"v_is_ex\": \"No\", \"v_country_type_country_name\": \"Yem
en\", \"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\": \"12
635742;\", \"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"  
    }  
  ]  
}  
]  
]
```

5

Upload Private Watchlist

This section explains how to upload a Private Watchlist file using an API request. Once the file is uploaded successfully, a confirmation response will be returned indicating the status of the operation.

After the private watchlist file is uploaded, you can review and manage the imported records through the Customer Screening Watchlist Management user interface.

Follow the subsequent topics for posting a Private Watchlist file:

- [End Point Details](#)
- [Executing Private Watchlist Upload Request](#)

5.1 End Point Details

End point details to send a request using the POST method.

Send a request using the POST method. The request must be in the following format.

- **HTTP Link** : `https://{host_url}/{context_namespace}/watchlist-service/privatewatchlist/importdata/{username}?source=API&isDeleteAndInsert=true`
- **Method** – POST
- **File Format** – .xlsx

5.2 Executing Private Watchlist Upload Request

Prerequisite:

1. Download the **Private Watchlist template** from the [MOS](#) page.
2. Open the **Private Watchlist template** and enter the values for all the fields. For more information, see the **List of fields for Private Watchlist** table in the [Private Watchlist](#) section.

Note:

The Watchlist ID field is mandatory when uploading a private watchlist record through the API. It must be a whole number (numeric) and can be up to 19 digits long (e.g., 1234567890123456789).

3. **Save** the file.

To execute Private Watchlist upload request, follow these steps:

1. Open Postman or relevant tool.
2. Copy only the Authorization token that you got from the [Getting Authentication](#) request.
3. Go to **Header**.

4. Enter **KEY** as a **Authentication** and Description as a bearer (Authorization token)
<eyJ4NXQjUzI1NiI6Ikk3cWxndm1Kal...>.
5. Enter **ofs_remote_user** as a <username>.
6. Set the method to **POST** and enter the following URL: `https://{{host_url}}/{{context_namespace}}/watchlist-service/privatewatchlist/importdata/{username}?source=API&isDeleteAndInsert=true`

Figure 5-1 Query Params

Params • Authorization Headers (19) Body • Scripts Settings Cookies

Query Params

☒	Key	Value	Description	⋮ Bulk Edit
☒	source	API		
☒	isDeleteAndInsert	true		
	Key	Value	Description	

 Note:

Behavior of the isDeleteAndInsert Query Parameter:

- When isDeleteAndInsert=true:
 - Existing watchlist records are updated.
 - New records are added.
 - Records that are no longer present in the request are deleted from the watchlist.
- When is DeleteAndInsert=false or not provided:
 - Existing watchlist records are updated.
 - New records are added.

7. Click the **Body** tab, select **form-data**. The **form-data** screen appears.

Figure 5-2 The form-data screen

☐ none ☒ form-data ☐ x-www-form-urlencoded ☐ raw ☐ binary ☐ GraphQL

	Key	Value	Description	⋮ Bulk Edit
☒	file	File PrivateWatchList(17).xlsx		
	Key	Text Value	Description	

Body Cookies (1) Headers (6) Test Results  200 OK • 1.27 s • 265 B •  Save Response ⋮

- a. In the first row under the Key column, enter **file**.
 - b. Select the value type as **File** from the drop-down list.
 - c. In the **Value** column, select the type as **File** from the drop-down and upload the updated Private Watchlist file.
This setup allows the file to be transmitted as form-data as required by the API.
8. Click **Send**.

Once the request is submitted, you will receive a response confirming the status of the upload.

Sample Response:

```
{
  "MESSAGE": "File uploaded successfully",
  "STATUS": "SUCCESS"
}
```

Table 5-1 Response Parameters

Response Parameters	Description
MESSAGE	Indicates the file upload status. Possible messages: • If the file is uploaded successfully, File uploaded successfully message appears. • If the file is not uploaded due to any errors, Could not upload the file: Is Active Flag is mandatory. Missing mandatory inputs message appears.
STATUS	Indicates the result of the API request. Possible values: • SUCCESS: The request completed successfully. • FAILED: The request is not completed due to errors.