

Oracle® FCCM Investigation Hub Cloud Service

Using Investigation Hub API



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Preface

Using FCCM Investigation Hub Cloud Service API introduces information sources that can help you use the Oracle Financial FCCM Investigation Hub Cloud Service (OFS iHUB) API.

Audience

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

Documentation Accessibility

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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.

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>.

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.
monospace	Monospace type indicates commands within a paragraph, URLs, code in examples, text that appears on the screen, or text that you enter.

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 FCCM Investigation Hub 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:

2.1 Prerequisites

Prerequisites for executing Rest APIs.

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

- Access to Investigation Hub Cloud Service (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 Investigation Hub Cloud instance. If you do not have this information, then contact your service administrator.

2.2 Authentication

The Authentication Process involves the use of URL 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 Investigation Hub 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__

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, `<eyJ4NXQjUzI1NiI6Ikk3cWxndm1Kal...>`

 Note:

This authentication key is valid for a stipulated time.

12. Copy only the Authorization token details.

2.2.2 Executing iHUB Case Status Feedback Request

To execute iHUB case status feedback 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)
<eyJ4NXQjUzI1NiI6Ikk3cWxndmlKal...>.
5. Send a request using the POST method. The request must be in the following format:
 - **HTTP Link:** http://hostname:port/api.
 - **Path:** /data-api-service/API/getData/cscasestatusfeedback

You will get a response as a result array which will contain case status of all the case ids requested. For more information, see the [iHUB Screening JSON Service](#) section.

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.
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).

Table 2-4 (Cont.) Status Code

HTTP Status Code	Description
415 Not Acceptable	The client's <code>ContentType</code> 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.

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iHUB Screening JSON Service

3.1 Using iHUB Case Status Feedback Request

The REST API is used to execute the iHUB Request.

API to retrieve case status based on case id's.

End Point Details

- HTTP Link - `http://<hostname>:<port>/data-api-service/API/getData/cscasestatusfeedback`
- Method - POST
- Content Type - Application/JSON

Executing iHUB Case Status Feedback Request

To execute iHUB Case Status Feedback Request, see [Executing iHUB Case Status Feedback Request](#).

Request JSON Parameters

Table 3-1 Parameters and their values

Parameter	Value Type	Description
caseId	Array of Strings	List of case id's.

Response JSON Parameters

Response will contain a result array that contains case status for each case.

Table 3-2 Parameters and their values

Parameter	Value Type	Description
Case_Status	String	Case status.
Case_Internal_Identifier	String	Case id.
Case_Status_Code	String	Case status code.

Request and Response JSON Samples

Request Sample:

```
{
  "caseId": [
    "CA120953",
    "CA120793",
    "CA120794"
  ]
}
```

```
]
}
```

Response Sample:

```
{
  "result": [
    {
      "Case_Status": "Closed - False Positive",
      "Case_Internal_Identifier": "CA120953",
      "Case_Status_Code": "CCFP"
    },
    {
      "Case_Status": "Investigation",
      "Case_Internal_Identifier": "CA120793",
      "Case_Status_Code": "INV"
    },
    {
      "Case_Status": "New",
      "Case_Internal_Identifier": "CA120794",
      "Case_Status_Code": "NW"
    }
  ]
}
```

The possible values for case status code and case status.

Table 3-3 Status codes and their status

Case_Status_Code	Case_Status
CCFP	Closed False Positive
CCTMEC	Closed True Match Exit Completed
CCTMER	Closed True Match Exit Required
CCTMM	Closed True Match Monitored
CCTNM	Closed True Match Not Monitored
CLS_AE	Closed Auto Eliminated
INV	Investigation
NW	New
PNDR	Pending Review
RNPR	Review in Progress

**Note:**

When the API request encounters an error, it generates a 400 Bad Request response with "STATUS": "ERROR".

This status code typically indicates that the request could not be processed due to invalid syntax, incorrect parameters, or other client-side issues.

Sample error message: (400 Bad Request)

```
{ "STATUS": "ERROR", "message": "ERROR in Executing Query, Please check you  
Filter and Join Conditions" }
```

4

iHUB Case Creation Feedback Request

The REST API is used to execute the iHUB Request.

4.1 Using iHUB Case Creation Feedback Request

The REST API is used to execute the iHUB Request. API to create Transaction Monitoring (TM), Customer Screening (CS), Know Your Customer (KYC) and Transaction Filtering (TF) cases.

End Point Details

- HTTP Link - <https://{hostname}/{instance-name}/event>
- Method - POST
- Content Type - Application/JSON

Executing iHUB Case Feedback Request

To create case Feedback Request, see [Getting Authentication](#).

Request JSON Parameters

Table 4-1 Parameters and their values for Event Group

Parameter	Value Type	Description
CaseID	Number	Unique CaseID
Promotion Flag	String	The string decides case has to be created or not. If the value is N the generation will be stooped at event level and if the value Y the event generated will be promoted to case. The expected value is Y or N.

Table 4-2 Parameters and their values for Event List

Parameter	Value Type	Description
Event Code	Number	Unique Event code associated.
Event Type	String	The type of the event.
Data Origin	String	Captures source system details responsible for case creation requests.
Status Code	String	The status of the event.
MIS Date	Date	Note: Applicable for CS cases.
Event Date	Date	
Jurisdiction Code	String	The jurisdiction of the case.

Table 4-2 (Cont.) Parameters and their values for Event List

Parameter	Value Type	Description
Business Domain	String	The corresponding business domain of the case.
Event Priority	String	The Priority of the event.
Event Reason	String	The reason for the event.
Scenario Id	Number	ID corresponding to the scenario associated to the event.

Table 4-3 Parameters and their values for Event Score

Parameter	Value Type	Description
Score	Number	Score generated for the event.
Score Code	String	Score code on which Event score has been generated.

Table 4-4 Parameters and their values for Entity Map

Parameter	Value Type	Description
Entity Type	String	Type of the entity associated.
Focus Flag	String	Flag to determine the primary focus associated.
DirectEntity Flag	String	Flag of the entity type for direct relation with event.
Entity Name	String	Name of the entity associated.
Entity Code	String	Identity code of entity associated.
Entity ID	Number	Identity value of entity associated.

Table 4-5 Parameters and their values for Event Group Attributes

Parameter	Value Type	Description
Process Flag	String	Flag for the process the entry in the pre-case table to case table.
Promotion Flag	String	The string decides case has to be created or not. If the value is N the generation will be stopped at event level and if the value Y the event generated will be promoted to case. The expected value is Y or N.
Case Type	String	Type of the case.
Confidential Flag	String	The string decides if the event is confidential or not.
Processing Complete Flag	String	The Flag to update after the case creation is completed.
Case Description	String	Case description for the case generated.
Case Resolution	String	The conclusion of the event.

Table 4-5 (Cont.) Parameters and their values for Event Group Attributes

Parameter	Value Type	Description
Case Comments	String	Comments on the case creation.
Case Summary	String	More information about case creation.
Case Title Name	String	Title of the case that to be generated.
Case Type Code	String	Type of the case.
Created By	String	User who created the case.
Last Action Code	String	The last action taken on this case.
Priority Status Code	String	Priority status of the case.
Priority Code	String	Priority of the case.
Status Code	String	The status of the event.
Scenario Class Code	String	Scenario on which the case has to be generated.
Case Due Date	String	Format -YYYY-MM-DD Date on which case will be due.
Case Assignee	String	Name of the assignee for the case.
Jurisdiction Code	String	The jurisdiction of the case.
Business Domain Code	String	The corresponding business domain of the case.

Table 4-6 Parameters and their values for Entity List

Parameter	Value Type	Description
Type	String	Type of the entity associated.
riskAssesment	String	List all the risk types you want to filter.
Business Persistence	String	Flag value to save the entity values.
Entity ID	Number	Identity value of entity associated.
Data Origin	String	Captures source system details responsible for case creation.
Focus Flag	String	Flag to determine the primary focus associated.

Table 4-7 Parameters and their values for Primary Entity

Parameter	Value Type	Description
Entity ID	Number	Identity value of entity associated.
Entity Type	String	Type of the entity associated.

Table 4-8 Parameters and their values for Event Screening Matches

Parameter	Value Type	Description
Alert ID	Number	Unique code for alert.
TimeStamp	Number	Time when the event was created.
Column Score	Numeric	Score of the event.
Overall Score	Numeric	Overall score of the case.
Rule Id	Numeric	Id of the rule.
Business Domain	String	The corresponding business domain of the event.
Jurisdiction Code	String	The jurisdiction of the event.
Matched Value	String	Match the value to entity name.
Result Id	Numeric	Unique id of the result.
RuleSet Id	Numeric	Unique is of the rule.
Scoring Method	String	Provide the scoring method.
Search String	String	Search for an entry.
Search Type	String	Search based on type.
Source Entity	String	Type of entity.
Source Index Name	String	Index name of the source.
Source Key	String	Source of the key.
Target Index Name	String	Index name of the target.
Target Key	Numeric	Key of the target.
Watchlist Key Id	Numeric	Id of the watchlist key.

Table 4-9 Parameters and their values for Event Watchlist Map for CS cases

Parameter	Value Type	Description
Watchlist Skey	Numeric	Skey of the watchlist.
Event Code	Number	Unique Event code associated.
Event Type	String	The type of the event.

Table 4-10 Parameters and their values for Event Entity Map for CS Cases

Parameter	Value Type	Description
Score	Number	Score generated for the event.
Score Code	String	Score code on which Event score has been generated.
Score Type	String	Type of score.

**Note:**

Ensure that the Event Code is unique and the *Event Entity Map* and *Entity List* values are valid.

Response JSON Parameters

Response will contain a result array that contains case status for each case.

Table 4-11 Parameters and their values

Parameter	Value Type	Description
Case InternalId	String	Unidque caseID generated with a prefix CA.
CaseID	Number	Unique CaseID
EventCode	Number	Unique Event code associated.

Request and Response JSON Samples

Request Sample for AML Case:

```
{
  "Event Group": [
    {
      "caseId": null,
      "Promotion Flag": "Y",
      "Event List": [
        {
          "Event": {
            "eventScore": 0,
            "Event Code": "7755",
            "Event Type": "AML",
            "Data Origin": "CMCSMAN",
            "Status Code": "NEW",
            "Event Date": "2025-02-28",
            "Jurisdiction Code": "AMEA",
            "Business Domain": "a",
            "Event Priority": null,
            "Event Reason": "2=abcbgscbh acbhsu",
            "Scenario Id": 59,
            "Scenario Class": "AM"
          },
          "Event Score": {
            "Score": 0,
            "Score Code": "INIT_SCORE",
            "Score Type": null
          },
          "Event Entity Map": [
            {
              "Entity Type": "EXTERNAL_ENTITY",
              "Focus Flag": "Y",
              "DirectEntity Flag": "Y",
              "Entity Name": "Jhon",
              "Entity Code": "8590",
              "Entity ID": null
            }
          ]
        }
      ]
    }
  ],
}
```

```
    "Event Group Attributes": {
      "Process Flag": "Y",
      "Promotion Flag": "Y",
      "Run Skey": null,
      "Confidential Flag": "Y",
      "Processing Complete Flag": "Y",
      "Case Description": "case created for alert",
      "Case Resolution": "case created",
      "Case Comments": "case created",
      "Case Summary": "verified and created",
      "Case Title": "case:-apisave",
      "Case Type Code": "AML_SURV",
      "Last Action Code": null,
      "Priority Status Code": "NW",
      "Priority Code": "Low",
      "Scenario Class Code": null,
      "Case Due Date": "2023-07-14",
      "Case Assignee": "appuser",
      "Jurisdiction Code": "AMEA",
      "Business Domain": "GEN"
    }
  },
  "Entity List": [
    {
      "Type": "EXTERNAL_ENTITY",
      "Business Persisitance": "Y",
      "Entity Id": "8590",
      "Data Origin": "MAN",
      "Focus Flag": "Y"
    }
  ],
  "Primary Entity": {
    "Entity Id": "8590",
    "Entity Type": "EXTERNAL_ENTITY"
  }
}
```

Request Sample for KYC Case:

```
{
  "Event Group": [
    {
      "caseId": null,
      "Promotion Flag": "Y",
      "Event List": [
        {
          "Event": {
            "Event Code": "113100010003512",
            "Event Type": "KYC_OB",
            "Data Origin": "KYC Onboarding DEV",
            "Status Code": "NEW",
            "Event Date": "2025-03-04T08:57:57",
            "Jurisdiction Code": "APAC",
            "Business Domain": "GEN",
```

```
"Event Priority": "LOW",
"Event Reason": "",
"Scenario Id": null,
"Scenario Class": null
},
"Event Score": {
  "Score": 40,
  "Score Code": "INIT_SCORE",
  "Score Type": null
},
"Event Entity Map": [
  {
    "Entity Type": "Prospect",
    "Focus Flag": "N",
    "DirectEntity Flag": "Y",
    "Entity Name": "Prospect",
    "Entity Code": "45"
  },
  {
    "Entity Type": "Risk_Assessment",
    "Focus Flag": "Y",
    "DirectEntity Flag": "Y",
    "Entity Name": "Risk_Assessment",
    "Entity Code": "45"
  }
],
"Event Watchlist Map": {
  "Watchlist Skey": "901",
  "Event Code": "SAN",
  "Event Type": "PRV_WL1-SAN"
},
"Event Screening Matches": [
  {
    "Alert Id": "122",
    "TimeStamp": "2020-07-27T00:00:00Z",
    "Column Score": "86.9047622680664",
    "Overall Score": "64.7619068622589",
    "Rule Id": "1594378741513",
    "Business Domain": "a",
    "Coulmn Name": "v_full_name",
    "Jurisdiction Code": "AMEA",
    "Matched Value": "MARK smith",
    "Result Id": "2007270553541000005",
    "RuleSet Id": "1589970611175C0",
    "Scoring Method": "jarowinkler",
    "Search String": "fuzzy",
    "Search Type": "fuzzy",
    "Source Entity": "Customer",
    "Source Index Name": "fcc_idx_privatelist",
    "Source Key": "CUUNOPTITMSAC-001",
    "Target Index Name": "fcc_idx_privatelist",
    "Target Key": "94",
    "Watchlist Key Id": "93",
    "Ui Json": "{ \"srcEntFilter\": [], \"trgtEntFilter\": [
[ { \"trgtFilterOptr\": \"like\", \"trgtFilterValue\": \"I\", \"trgtFilterId\": 15943
78741513, \"trgtFilterAttr\": 21, \"status\": \"Y\" } ],

```

```
{
  "trgtFilterOptr\":"like",
  "trgtFilterValue\":"SAN",
  "trgtFilterId\":"1594378741513",
  "trgtFilterAttr\":"23",
  "status\":"Y"}],
  "ruleSetName\":"Customer to SAN Watchlist Individual Match",
  "ruleSetThreshold\":"0.6",
  "description\":"Match Customer to Watchlist based on Individual Attributes",
  "aggregation\":"1",
  "rules\":[
    {
      "indexCols\":[
        {
          "condition\":"or",
          "searchString\":[
            {
              "searchType\":"2",
              "targetAttribute\":"v_full_name",
              "v_aliases\":"",
              "v_original_script_name\":"",
              "matchRuleAttrId\":"1594378741513",
              "weight\":"0.4",
              "threshold\":"0.5",
              "window\":"",
              "scoringMethod\":"2",
              "srcAttribute\":"v_alias_nm",
              "v_concatenate_name\":"",
              "v_full_nm\":"",
              "status\":"Y"}],
          "condition\":"or",
          "searchString\":[
            {
              "searchType\":"1",
              "targetAttribute\":"v_date_of_births",
              "n_yob\":"",
              "matchRuleAttrId\":"1594378741513",
              "weight\":"0.16",
              "threshold\":"1",
              "window\":"",
              "scoringMethod\":"null",
              "srcAttribute\":"d_date_birth",
              "status\":"Y"}],
          "condition\":"or",
          "searchString\":[
            {
              "searchType\":"1",
              "targetAttribute\":"v_city",
              "matchRuleAttrId\":"1594378741513",
              "weight\":"0.15",
              "threshold\":"1",
              "window\":"",
              "scoringMethod\":"null",
              "srcAttribute\":"v_city",
              "status\":"Y"}],
          "condition\":"or",
          "searchString\":[
            {
              "searchType\":"1",
              "targetAttribute\":"v_country",
              "v_nationality\":"",
              "matchRuleAttrId\":"1594378741513",
              "weight\":"0.1",
              "threshold\":"1",
              "window\":"",
              "scoringMethod\":"null",
              "srcAttribute\":"v_cntry_of_birth",
              "v_res_cntry_cd\":"",
              "v_ctzshp_cntry1_cd\":"",
              "v_ctzshp_cntry2_cd\":"",
              "status\":"Y"}],
          "condition\":"or",
          "searchString\":[
            {
              "searchType\":"2",
              "targetAttribute\":"v_address",
              "v_residence\":"",
              "matchRuleAttrId\":"1594378741513",
              "weight\":"0.1",
              "threshold\":"0.41",
              "window\":"",
              "scoringMethod\":"2",
              "srcAttribute\":"v_address",
              "status\":"Y"}],
          "condition\":"or",
          "searchString\":[
            {
              "searchType\":"1",
              "targetAttribute\":"v_title",
              "matchRuleAttrId\":"1594378741513",
              "weight\":"0.04",
              "threshold\":"1",
              "window\":"",
              "scoringMethod\":"null",
              "srcAttribute\":"v_titl_nm",
              "status\":"Y"}],
          "condition\":"or",
          "searchString\":[
            {
              "searchType\":"1",
              "targetAttribute\":"v_gender",
              "v_title\":"",
              "matchRuleAttrId\":"1594378741513",
              "weight\":"0.05",
              "threshold\":"1",
              "window\":"",
              "scoringMethod\":"null",
              "srcAttribute\":"v_cust_gndr_cd",
              "status\":"Y"}],
          "overallThreshold\":"0.4",
          "ruleName\":"Name , \"DOB\", \"Gender\" and Address match",
          "description\":"Name , \"DOB\", \"Gender\" and Address match",
          "ruleId\":"1594378741513",
          "status\":"Y"}],
      "nTargetEntId\":"1",
      "version\":"25",
      "nSourceEntId\":"2",
      "ruleSetId\":"1589970611175C0"}]
    }
  ]
}

},
{
  "Event Group Attributes": {
    "Process Flag": "Y",
    "Promotion Flag": null,
    "Run Skey": null,
    "Case Type": "KYC_OB",
    "Busines Domain Code": null,
    "Jurisdiction Code": null,
    "Case Description": null,
    "Case Resolution": null,
    "Case Comments": null,
    "Case SRC Code": null,
    "Case Summary": null,
    "Case Title Name": null,
  }
}
```

```
        "Case Type Code": "KYC_OB",
        "Created By": null,
        "Last Action Code": null,
        "Priority Code": null,
        "Status Code": "NW"
    }
}
],
"Entity List": [
{
    "Type": "Prospect",
    "prospect": {"Name Suffix\\": "Jr\\", "Address\\": [{"Street Line
5\\": "ABDUD NASIR RD.\\", "Street Line 6\\": "JAMAL NASIR RD.\\", "Street Line
3\\": "NASIR RD.\\", "Street Line 4\\": "JAMAL ABDUD RD.\\", "Postal
Code\\": "560066\\", "Address Sequence Number\\": 45, "Street Line 1\\": "JAMAL
RD.\\", "Street Line 2\\": "ABDUD RD.\\", "Building Name\\": "ATLAS
TOWER\\", "City\\": "Bangalore\\", "Building
Number\\": "123\\", "Area\\": "North\\", "State\\": "Karnataka\\", "Street\\": "JAMAL
ABDUD NASIR RD HJ\\", "Region\\": "Karnataka\\", "Country\\": "BM\\", "Address
Purpose Code\\": "B\\"}], "Credit Rating\\": [{"Credit Rating
Source\\": "MOODY\\", "Credit Rating\\": "AAA\\", "Credit Rating Sequence
Number\\": 45}], "Product\\": [{"Product Offer Initiation
Date\\": "07/23/2021\\", "dateRangeCorrect\\": true, "Product Sequence
Number\\": 45, "Product Offered\\": "string\\", "Product Offer Expiration
Date\\": "07/23/2031\\"}], "Region Company Is Licensed To Operate In\\":
["\\", "Gender\\": "M\\", "Job Title\\": "CEO\\", "Is Linked to related party
who is PEP\\": "\\", "City of Residence\\": null, "Existing Internal
ID\\": "\\", "Website URL\\": null, "Organization Name\\": null, "Public Or
Private\\": null, "Custom String Array 1\\": null, "Custom String Array
2\\": null, "Country\\": [{"Relationship Type\\": "C\\", "Country
List\\": null, "Country\\": "AE\\", "Country Sequence
Number\\": 45}], "isLinkdToRelatdPartyPep\\": "\\", "Last
Name\\": "Ahmed\\", "Custom String Array 5\\": null, "Custom String Array
3\\": null, "Custom String Array 4\\": null, "PEP Flag\\": null, "Custom String
1\\": null, "Custom String 3\\": null, "Custom Numeric 1\\": null, "Custom String
2\\": null, "Custom String 5\\": null, "Custom String 4\\": null, "Applicant
ID\\": "MAYPROVMIG1D\\", "Type Of Account Opening\\": ["OFF\\", "ON\\", "Custom
Numeric 3\\": null, "Custom Numeric 2\\": null, "Custom Numeric 5\\": null, "Custom
Numeric 4\\": null, "Financials\\": {"Stated Monthly Txn Count\\": null, "Stated
Total Annual Income Base\\": null, "Stated Total Liquid Net Worth
Base\\": 1222, "Income Currency\\": "USD\\", "Stated Total Net Worth
Base\\": 1222.098, "Financial Sequence Number\\": 45, "Stated Annual Proportion
of Cash Transaction\\": null, "Stated Total Annual Turnover\\": null, "Stated
Monthly Txn Amount in Local Currency\\": null}], "Employment
Status\\": "EMP\\", "Expected to Transact with High Risk Countries
List\\": null, "Custom Flag 2\\": null, "Custom Flag 1\\": null, "Custom Flag
4\\": null, "Custom Flag 3\\": null, "Request ID\\": 45, "SSN/
TIN\\": "123456789\\", "Occupation\\": ["AGR\\", "Country Of Residence\\":
["TO\\", "USA\\", "Custom Flag 5\\": null, "Relationship\\": null, "Source Of
Wealth\\": ["KD\\", "MA\\", "Assessment Mode\\": "FULL_KYC\\", "Employer
Industry\\": "Casino\\", "First Name\\": "MAHRI\\", "Employer Name\\": "Jeni
Inc\\", "Industry\\": ["INS\\", "OG\\", "APR\\", "Prospect Id\\": 45, "Country Of
Incorporation\\": "TO\\", "Employment Type\\": "Official\\", "Retirement
Year\\": null, "Country Of Birth\\": "Spn\\", "Number Of
Dependents\\": 5, "Organization Legal Structure\\": null, "Customer
Segment\\": null, "Date Of Birth\\": "02/02/2020\\", "Expected to transact in
```

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foreign Currency Flag\:null,\"Custom Date 2\":null,\"Custom Date  
1\":null,\"CIP Verified Flag\":"A\", \"Data Origin\":"KYC Onboarding  
DEV\", \"Prospect Type\":"FIN\", \"Marital Status\":"MA\", \"Date Of  
Incorporation\":null,\"Custom Date 4\":null,\"Custom Date 3\":null,\"NAICS  
Code\":null,\"Primary Prospect Flag\":"Y\", \"Custom Date 5\":null,\"Email  
Address\":[{\"Email Sequence Number\":1,\"Email Purpose\":"P\", \"Email  
Address\":"jamal@yahoo.co.in\"}], \"Expected to Transact with High Risk  
Country\":"\", \"Is National of Sanctioned Country Flag\":"\", \"CIP Exempt  
Flag\":"N\", \"CIP Verified Status\":"CIPV\", \"Middle Name\":"Mohamed  
Ben\", \"Phone\":[{\"Phone Purpose\":"B\", \"Phone Sequence  
Number\":1,\"Country Code Of Phone Number\":"001\", \"Phone  
Extension\":"621\", \"Phone  
Number\":"9878798-9877-9876\"}], \"Age\":0,\"Account Type\":null,\"Display  
Name\":"Funding Circle USA\", \"Market Served\":[{\"Market  
Served\":"string\", \"dateRangeCorrect\":true,\"Market Served Sequence  
Number\":45,\"Service Effective Date\":"07/23/2020\", \"Service Expiration  
Date\":"07/23/2030\"}], \"Identification Document\":[{\"Issuing  
Date\":"01/01/2020\", \"Issuing District\":"Phil\", \"Document  
Name\":"1234\", \"Document Purpose\":"CID\", \"Issuing  
County\":"Texas\", \"dateRangeCorrect\":true,\"Issuing  
State\":"Kansas\", \"Issuing City\":"California\", \"Machine Readable Zone  
1\":"P<UTOERIKSSON<<ANNA<MARIA<<<<<<<<<<<<<<<<<<<\", \"Document  
Number\":"12\", \"Machine Readable Zone  
2\":"L898902C<3U<TO6908061F9406236ZE184226B<<<<<14\", \"Issuing  
Country\":"USA\", \"Document Sequence Number\":45,\"Issuing  
Authority\":"Passport Office\", \"Expiry Date\":"01/01/2099\", \"Issuing  
Province\":"North\"}], \"Prospect Jurisdiction\":[\"APAC\"], \"Citizenship  
Status\":"C\", \"Length Of Relationship\":50,\"Onboarding Branch  
Code\":null,\"Title\":"Mr\", \"Family PEP Flag\":"Y\", \"Primary  
Citizenship\":"USA\", \"Alias\":[\"My laden Company\"], \"Country Of  
Taxation\":[\"USA\"], \"Secondary Citizenship\":[\"TO\", \"USA\"]},  
    "riskAssesment": null,  
    "Business Persisitance": null,  
    "Entity Id": 45,  
    "Data Origin": null,  
    "Focus Flag": null  
},  
{  
    "Type": "Risk_Assessment",  
    "prospect": null,  
    "riskAssesment": "{\\\"Business Check\\\":\\\"{\\\\\\\\Rule Details\\\\\\\\:[\\\\\\\\  
\\\"Rule Score\\\\\\\\:20,\\\\\\\\Rule Code\\\\\\\\:\\\\\\\\RALSAO\\\\\\\\,\\\\\\\\Rule Value\\\\\\\\:[\\\\\\\\  
\\\"--\\\\\\\\]\\}],\\\\\\\\Score\\\\\\\\:20,\\\\\\\\Prospect ID\\\\\\\\:\\\\\\\\45\\\\\\\\}  
\\\",\\\"prospectMap\\\":[\\\\\\\\Prospect Id\\\\\\\\:45,\\\\\\\\Assessment  
Mode\\\":\\\"FULL_KYC\\\"]},\\\"Risk Assessment ID\\\":45,\\\"Application  
ID\\\":\\\"3\\\",\\\"Risk Assessment Category\\\":\\\"L\\\",\\\"Data Origin\\\":\\\"KYC  
Onboarding DEV\\\",\\\"Request ID\\\":45,\\\"Prospect Type\\\":\\\"FIN\\\",\\\"Business  
Domain\\\":\\\"GEN\\\",\\\"Risk Assessment  
Score\\\":20,\\\"Jurisdiction\\\":\\\"APAC\\\",\\\"Prospect ID\\\":45,\\\"Threshold Breached  
Flag\\\":\\\"Y\\\",\\\"KYC Scoring\\\":\\\"{\\\\\\\\Rule Category\\\\\\\\:[\\\\\\\\Rule Category Name\\\\\\\\:\\\\\\\\RCFI1\\\\\\\\,\\\\\\\\Rule  
Details\\\\\\\\:[\\\\\\\\Rule Score\\\\\\\\:5,\\\\\\\\Rule Code\\\\\\\\:\\\\\\\\RALSAO\\\\\\\\,\\\\\\\\Rule  
Weightage\\\\\\\\:50,\\\\\\\\Conf Rule Score\\\\\\\\:10,\\\\\\\\Rule Value\\\\\\\\:[\\\\\\\\--\\\\\\\\]],\\\\\\\\  
\\\"Category Weighed Rule Score\\\\\\\\:5},{\\\\\\\\Rule Score\\\\\\\\:10,\\\\\\\\Rule Code\\\\\\\\  
\\\":\\\\\\\\GR_COO\\\\\\\\,\\\\\\\\Rule Weightage\\\\\\\\:50,\\\\\\\\Conf Rule Score\\\\\\\\:20,\\\\\\\\  
\\\"Rule Value\\\\\\\\:[\\\\\\\\USA\\\\\\\\],\\\\\\\\Category Weighed Rule Score\\\\\\\\:10}],\\\"
```

```
\ "Rule Category Weightage\\":100,\\ "Rule Category Score\\":15}}
\, \ "watchlistMatches\\":\\, \ "Primary Prospect Flag\\":\\ "Y\\",
  "Business Persisitance": null,
  "Entity Id": 45,
  "Data Origin": null,
  "Focus Flag": null
}
],
"Primary Entity": {
  "Entity Id": 45,
  "Entity Type": "PROSPECT"
}
}
```

Request Sample for CS Case:

```
{
  "Event Group": [
    {
      "caseId": null,
      "Promotion Flag": "Y",
      "Event Group Attributes": {
        "Process Flag": "Y",
        "Promotion Flag": "Y",
        "Processing Complete Flag": "Y",
        "Run Skey": null,
        "Case Type Code": "CS_RT_SAN",
        "Busines Domain Code": "GEN",
        "Jurisdiction Code": null,
        "Case Description": "RT Case",
        "Case Resolution": "RT Case",
        "Case Comments": "RT Case",
        "Case Summary": "RT Case",
        "Status Code": "NW",
        "Priority Code": "High",
        "Case Title": "RTCCase Creation1",
        "Case SRC Code": null
      },
      "Event List": [
        {
          "Event": {
            "Event Code": "4000",
            "Event Type": "CS_RT_SAN",
            "Data Origin": "MAN",
            "Status Code": "NEW",
            "Mis Date": "2020-07-27T00:00:00Z",
            "Jurisdiction Code": "AMEA",
            "Business Domain": "GEN",
            "Event Priority": "HIGH",
            "Event Reason": "new customer"
          },
          "Event Score": {
            "Score": 20,
            "Score Code": "INIT_SCORE",
            "Score Type": null
          }
        }
      ]
    }
  ]
}
```

```

    },
    "Event Screening Matches": [
        {
            "Alert Id": "122",
            "TimeStamp": "2020-07-27T00:00:00Z",
            "Column Score": "86.9047622680664",
            "Overall Score": "64.7619068622589",
            "Rule Id": "1594378741513",
            "Business Domain": "a",
            "Coulmn Name": "v_full_name",
            "Jurisdiction Code": "AMEA",
            "Matched Value": "MARK smith",
            "Result Id": "2007270553541000005",
            "RuleSet Id": "1589970611175C0",
            "Scoring Method": "jarowinkler",
            "Search String": "fuzzy",
            "Search Type": "fuzzy",
            "Source Entity": "Customer",
            "Source Index Name": "fcc_idx_privatelist",
            "Source Key": "CUUNOPTITMSAC-001",
            "Target Index Name": "fcc_idx_privatelist",
            "Target Key": "94",
            "Watchlist Key Id": "93",
            "Ui Json": "{ \"srcEntFilter\": [], \"trgtEntFilter\": [
                [ { \"trgtFilterOptr\": \"like\", \"trgtFilterValue\": \"I\", \"trgtFilterId\": 1594378741513, \"trgtFilterAttr\": 21, \"status\": \"Y\" },
                [ { \"trgtFilterOptr\": \"like\", \"trgtFilterValue\": \"SAN\", \"trgtFilterId\": 1594378741513, \"trgtFilterAttr\": 23, \"status\": \"Y\" } ] ], \"ruleSetName\": \"Customer to SAN Watchlist Individual Match\", \"ruleSetThreshold\": \"0.6\", \"description\": \"Match Customer to Watchlist based on Individual Attributes\", \"aggregation\": 1, \"rules\": [
                [ { \"indexCols\": [ { \"condition\": \"or\", \"searchString\": [
                    [ { \"searchType\": 2, \"targetAttribute\": \"v_full_name\", \"v_aliases\", \"v_original_script_name\", \"matchRuleAttrId\": 1594378741513, \"weight\": 0.4, \"threshold\": 0.5, \"window\": \"\", \"scoringMethod\": 2, \"srcAttribute\": \"v_alias_nm\", \"v_concatenate_name\", \"v_full_nm\", \"status\": \"Y\" },
                    [ { \"condition\": \"or\", \"searchString\": [
                        [ { \"searchType\": 1, \"targetAttribute\": \"v_date_of_births\", \"n_yob\", \"matchRuleAttrId\": 1594378741513, \"weight\": 0.16, \"threshold\": 1, \"window\": \"\", \"scoringMethod\": null, \"srcAttribute\": \"d_date_birth\", \"status\": \"Y\" },
                        [ { \"condition\": \"or\", \"searchString\": [
                            [ { \"searchType\": 1, \"targetAttribute\": \"v_city\", \"matchRuleAttrId\": 1594378741513, \"weight\": 0.15, \"threshold\": 1, \"window\": \"\", \"scoringMethod\": null, \"srcAttribute\": \"v_city\", \"status\": \"Y\" },
                            [ { \"condition\": \"or\", \"searchString\": [
                                [ { \"searchType\": 1, \"targetAttribute\": \"v_country\", \"v_nationality\", \"matchRuleAttrId\": 1594378741513, \"weight\": 0.1, \"threshold\": 1, \"window\": \"\", \"scoringMethod\": null, \"srcAttribute\": \"v_cntry_of_birth\", \"v_res_cntry_cd\", \"v_ctzshp_cntry1_cd\", \"v_ctzshp_cntry2_cd\", \"status\": \"Y\" },
                                [ { \"condition\": \"or\", \"searchString\": [
                                    [ { \"searchType\": 2, \"targetAttribute\": \"v_address\", \"v_residence\", \"matchRuleAttrId\": 1594378741513, \"weight\": 0.1, \"threshold\": 0.41, \"window\": \"\", \"scoringMethod\": 2, \"srcAttribute\": \"v_address\", \"status\": \"Y\" },
                                    [ { \"condition\": \"or\", \"searchString\": [
                                        [ { \"searchType\": 1, \"targetAttribute\": \"v_title\", \"matchRuleAttrId\": 1594378741513, \"weight\": 0.04, \"threshold\": 1, \"window\": \"\", \"scoringMethod\": null

```

```
,\srcAttribute\":"v_titl_nm",\status\":"Y"},
{"condition\":"or",\searchString\":"
[],\searchType\":"1",\targetAttribute\":"v_gender,\v_title","", \matchRuleAt
trId\":"1594378741513,\weight\":"0.05,\threshold\":"1,\window\":"", \scoring
Method\":"null,\srcAttribute\":"v_cust_gndr_cd",\status\":"Y"}], \overall
Threshold\":"0.4,\ruleName\":"Name ,\DOB", \Gender" and Address
match", \description\":"Name ,\DOB", \Gender" and Address
match", \ruleId\":"1594378741513,\status\":"Y"}], \nTargetEntId\":"1,\versi
on\":"25,\nSourceEntId\":"2,\ruleSetId\":"1589970611175C0"}"
}
],
"Event Watchlist Map": {
  "Watchlist Skey": "901",
  "Event Code": "SAN",
  "Event Type": "PRV_WL1-SAN"
},
"Event Entity Map": [
  {
    "Focus Flag": "Y",
    "DirectEntity Flag": "Y",
    "Entity Type": "WATCHLIST",
    "Entity Name": "Amanda",
    "Entity Code": "CSRT_10",
    "Entity ID": null
  }
]
},
{
  "Event": {
    "Event Code": "4001",
    "Event Type": "CS_RT_SAN",
    "Data Origin": "MAN",
    "Status Code": "NEW",
    "Mis Date": "2020-07-27T00:00:00Z",
    "Jurisdiction Code": "AMEA",
    "Business Domain": "GEN",
    "Event Priority": "HIGH",
    "Event Reason": "new customer"
  },
  "Event Score": {
    "Score": 20,
    "Score Code": "INIT_SCORE",
    "Score Type": null
  },
  "Event Screening Matches": [
    {
      "Alert Id": "122",
      "TimeStamp": "2020-07-27T00:00:00Z",
      "Column Score": "86.9047622680664",
      "Overall Score": "64.7619068622589",
      "Rule Id": "1594378741513",
      "Business Domain": "a",
      "Coulmn Name": "v_full_name",
      "Jurisdiction Code": "AMEA",
      "Matched Value": "MARK smith",
      "Result Id": "2007270553541000005",
```

```

        "RuleSet Id": "1589970611175C0",
        "Scoring Method": "jarowinkler",
        "Search String": "fuzzy",
        "Search Type": "fuzzy",
        "Source Entity": "Customer",
        "Source Index Name": "fcc_idx_privatelist",
        "Source Key": "CUUNOPTITMSAC-001",
        "Target Index Name": "fcc_idx_privatelist",
        "Target Key": "94",
        "Watchlist Key Id": "93",
        "Ui Json": "{ \"srcEntFilter\": [], \"trgtEntFilter\":
[ { \"trgtFilterOptr\": \"like\", \"trgtFilterValue\": \"I\", \"trgtFilterId\": 15943
78741513, \"trgtFilterAttr\": 21, \"status\": \"Y\" },
{ \"trgtFilterOptr\": \"like\", \"trgtFilterValue\": \"SAN\", \"trgtFilterId\": 1594
378741513, \"trgtFilterAttr\": 23, \"status\": \"Y\" } ], \"ruleSetName\": \"Customer
to SAN Watchlist Individual
Match\", \"ruleSetThreshold\": \"0.6\", \"description\": \"Match Customer to
Watchlist based on Individual Attributes\", \"aggregation\": 1, \"rules\":
[ { \"indexCols\": [ { \"condition\": \"or\", \"searchString\":
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al_script_name\", \"matchRuleAttrId\": 1594378741513, \"weight\": 0.4, \"threshol
d\": 0.5, \"window\": \"\", \"scoringMethod\": 2, \"srcAttribute\": \"v_alias_nm\", \"v_
concatenate_name\", \"v_full_nm\", \"status\": \"Y\" },
{ \"condition\": \"or\", \"searchString\":
[], \"searchType\": 1, \"targetAttribute\": \"v_date_of_births\", \"n_yob\", \"match
RuleAttrId\": 1594378741513, \"weight\": 0.16, \"threshold\": 1, \"window\": \"\", \"s
coringMethod\": null, \"srcAttribute\": \"d_date_birth\", \"status\": \"Y\" },
{ \"condition\": \"or\", \"searchString\":
[], \"searchType\": 1, \"targetAttribute\": \"v_city\", \"matchRuleAttrId\": 1594378
741513, \"weight\": 0.15, \"threshold\": 1, \"window\": \"\", \"scoringMethod\": null,
\"srcAttribute\": \"v_city\", \"status\": \"Y\" },
{ \"condition\": \"or\", \"searchString\":
[], \"searchType\": 1, \"targetAttribute\": \"v_country\", \"v_nationality\", \"matc
hRuleAttrId\": 1594378741513, \"weight\": 0.1, \"threshold\": 1, \"window\": \"\", \"s
coringMethod\": null, \"srcAttribute\": \"v_cntry_of_birth\", \"v_res_cntry_cd\", \"v
_ctzshp_cntry1_cd\", \"v_ctzshp_cntry2_cd\", \"status\": \"Y\" },
{ \"condition\": \"or\", \"searchString\":
[], \"searchType\": 2, \"targetAttribute\": \"v_address\", \"v_residence\", \"matchR
uleAttrId\": 1594378741513, \"weight\": 0.1, \"threshold\": 0.41, \"window\": \"\", \"
scoringMethod\": 2, \"srcAttribute\": \"v_address\", \"status\": \"Y\" },
{ \"condition\": \"or\", \"searchString\":
[], \"searchType\": 1, \"targetAttribute\": \"v_title\", \"matchRuleAttrId\": 159437
8741513, \"weight\": 0.04, \"threshold\": 1, \"window\": \"\", \"scoringMethod\": null
, \"srcAttribute\": \"v_titl_nm\", \"status\": \"Y\" },
{ \"condition\": \"or\", \"searchString\":
[], \"searchType\": 1, \"targetAttribute\": \"v_gender\", \"v_title\", \"matchRuleAt
trId\": 1594378741513, \"weight\": 0.05, \"threshold\": 1, \"window\": \"\", \"scoring
Method\": null, \"srcAttribute\": \"v_cust_gndr_cd\", \"status\": \"Y\" } ], \"overall
Threshold\": 0.4, \"ruleName\": \"Name , \"DOB\", \"Gender\" and Address
match\", \"description\": \"Name , \"DOB\", \"Gender\" and Address
match\", \"ruleId\": 1594378741513, \"status\": \"Y\" } ], \"nTargetEntId\": 1, \"versi
on\": 25, \"nSourceEntId\": 2, \"ruleSetId\": \"1589970611175C0\" }"
    }
  ],
  "Event Watchlist Map": {
    "Watchlist Skey": "901",

```

```

        "Event Code": "SAN",
        "Event Type": "PRV_WL1-SAN"
    },
    "Event Entity Map": [
        {
            "Focus Flag": "N",
            "DirectEntity Flag": "Y",
            "Entity Type": "candidate",
            "Entity Name": "CS",
            "Entity Code": "CSRT_10",
            "Entity ID": null
        }
    ]
}
],
"Entity List": [
    {
        "Type": "WATCHLIST",
        "Watchlist Matched": {
            "Run Skey": null,
            "Watchlist Skey": 486,
            "Json Text": "{\"v_title\":\" \",\"v_full_name\":\"Amanda
Milne\",\"v_citi_country\":\" \",\"v_alias_middle_name\":\"
\",\"v_address_country_code\":\"
\",\"n_entity_registration_number\":\"0\",\"v_aliases_family_name\":\"
\",\"v_identification_type\":\" \",\"watchlist_name_type\":\"
\",\"v_alias_title\":\" \",\"v_identification_numbers\":\"
\",\"v_address\":\"16528 Kim
Parkway\",\"f_is_active\":\"Y\",\"n_tracking_number\":\"
\",\"v_national_id\":\"
\",\"v_nationality\":\"US\",\"v_jurisdiction_cd\":\"AMEA\",\"v_entity_name\":\"
\",\"v_aliases\":\" \",\"d_load_date\":\"2023-05-12
12:57:21.199\",\"v_original_script_name\":\" \",\"v_other_party_name\":\"
\",\"v_description\":\" \",\"v_wl_sub_type\":\"SAN\",\"v_residence\":\"
\",\"v_entity_name_bus_strip\":\" \",\"d_lastupdateddate\":\"2025-02-14
05:10:06.452\",\"v_entity_sub_type\":\" \",\"v_occupation\":\"
\",\"v_entity_registration_country_code\":\"
\",\"v_passports_country\":\"US\",\"v_incorporated\":\"
\",\"d_fincen_notification_date\":\"
\",\"n_uid\":486,\"v_wl_type\":\"PRV_WL1\",\"v_middle_name\":\"
\",\"v_aliases_given_name\":\"
\",\"v_state\":\"Colorado\",\"v_citizenship\":\" \",\"v_place_of_birth\":\"
\",\"v_city\":\"Colorado Springs\",\"v_further_information\":\"
\",\"v_given_name\":\"Amanda\",\"v_entity_operating_country_codes\":\"
\",\"f_fincen_uploaded_list\":\"N\",\"n_wl_skey\":486,\"v_date_of_births\":\"1
975-04-07\",\"v_street\":\"
\",\"v_identification_country\":\"US\",\"v_yob\":\" \",\"n_run_skey\":\"
\",\"v_gender\":\" \",\"v_passports\":\" \",\"v_ssn\":\"
\",\"v_family_name\":\"Milne\",\"v_town_of_birth\":\"
\",\"n_riskscore\":0,\"v_phone\":\"
\",\"v_postal_code\":\"80915\",\"v_entity_type\":\"I\",\"v_alias_city_of_birth
\":\" \",\"v_country\":\"US\"}"
        },
        "Candidate Ev": {

```

```

        "Json Text": null,
        "Applicant ID": null,
        "Candidate Skey": null,
        "Run Skey": null,
        "Data Origin": null
    }
},
{
    "Type": "WATCHLIST",
    "Watchlist Matched": {
        "Run Skey": null,
        "Watchlist Skey": 696,
        "Json Text": "{\"v_title\":\" \",\"v_full_name\":\"Amanda
Milne\", \"v_citi_country\":\" \", \"v_alias_middle_name\":\"
\", \"v_address_country_code\":\"
\", \"n_entity_registration_number\":\"0\", \"v_aliases_family_name\":\"
\", \"v_identification_type\":\" \", \"watchlist_name_type\":\"
\", \"v_alias_title\":\" \", \"v_identification_numbers\":\"
\", \"v_address\":\"16528 Kim
Parkway\", \"f_is_active\":\"Y\", \"n_tracking_number\":\"
\", \"v_national_id\":\"
\", \"v_nationality\":\"US\", \"v_jurisdiction_cd\":\"AMEA\", \"v_entity_name\":\"
\", \"v_aliases\":\" \", \"d_load_date\":\"2023-05-12
12:57:21.199\", \"v_original_script_name\":\" \", \"v_other_party_name\":\"
\", \"v_description\":\" \", \"v_wl_sub_type\":\"SAN\", \"v_residence\":\"
\", \"v_entity_name_bus_strip\":\" \", \"d_lastupdateddate\":\"2025-02-14
05:10:07.597\", \"v_entity_sub_type\":\" \", \"v_occupation\":\"
\", \"v_entity_registration_country_code\":\"
\", \"v_passports_country\":\"US\", \"v_incorporated\":\"
\", \"d_fincen_notification_date\":\"
\", \"n_uid\":\"696\", \"v_wl_type\":\"PRV_WL1\", \"v_middle_name\":\"
\", \"v_aliases_given_name\":\"
\", \"v_state\":\"Colorado\", \"v_citizenship\":\" \", \"v_place_of_birth\":\"
\", \"v_city\":\"Colorado Springs\", \"v_further_information\":\"
\", \"v_given_name\":\"Amanda\", \"v_entity_operating_country_codes\":\"
\", \"f_fincen_uploaded_list\":\"N\", \"n_wl_skey\":\"696\", \"v_date_of_births\":\"1
975-04-07\", \"v_street\":\"
\", \"v_identification_country\":\"US\", \"v_yob\":\" \", \"n_run_skey\":\"
\", \"v_gender\":\" \", \"v_passports\":\" \", \"v_ssn\":\"
\", \"v_family_name\":\"Milne\", \"v_town_of_birth\":\"
\", \"n_riskscore\":\"0\", \"v_phone\":\"
\", \"v_postal_code\":\"80915\", \"v_entity_type\":\"I\", \"v_alias_city_of_birth
\":\" \", \"v_country\":\"US\"}"
    },
    "Candidate Ev": {
        "Json Text": null,
        "Applicant ID": null,
        "Candidate Skey": null,
        "Run Skey": null,
        "Data Origin": null
    }
},
{
    "Type": "WATCHLIST",
    "Watchlist Matched": null,
    "Run Skey": null,

```

```

        "Watchlist Skey": 315,
        "Json Text": "{ \"v_title\": \" \", \"v_full_name\": \"Amanda
Milne\", \"v_citi_country\": \" \", \"v_alias_middle_name\": \"
\", \"v_address_country_code\": \"
\", \"n_entity_registration_number\": \"0\", \"v_aliases_family_name\": \"
\", \"v_identification_type\": \" \", \"watchlist_name_type\": \"
\", \"v_alias_title\": \" \", \"v_identification_numbers\": \"
\", \"v_address\": \"16528 Kim
Parkway\", \"f_is_active\": \"Y\", \"n_tracking_number\": \"
\", \"v_national_id\": \"
\", \"v_nationality\": \"US\", \"v_jurisdiction_cd\": \"AMEA\", \"v_entity_name\": \"
\", \"v_aliases\": \" \", \"d_load_date\": \"2023-05-12
12:57:21.199\", \"v_original_script_name\": \" \", \"v_other_party_name\": \"
\", \"v_description\": \" \", \"v_wl_sub_type\": \"SAN\", \"v_residence\": \"
\", \"v_entity_name_bus_strip\": \" \", \"d_lastupdateddate\": \"2025-02-14
05:10:05.456\", \"v_entity_sub_type\": \" \", \"v_occupation\": \"
\", \"v_entity_registration_country_code\": \"
\", \"v_passports_country\": \"US\", \"v_incorporated\": \"
\", \"d_fincen_notification_date\": \"
\", \"n_uid\": 315, \"v_wl_type\": \"PRV_WL1\", \"v_middle_name\": \"
\", \"v_aliases_given_name\": \"
\", \"v_state\": \"Colorado\", \"v_citizenship\": \" \", \"v_place_of_birth\": \"
\", \"v_city\": \"Colorado Springs\", \"v_further_information\": \"
\", \"v_given_name\": \"Amanda\", \"v_entity_operating_country_codes\": \"
\", \"f_fincen_uploaded_list\": \"N\", \"n_wl_skey\": 315, \"v_date_of_births\": \"1
975-04-07\", \"v_street\": \"
\", \"v_identification_country\": \"US\", \"v_yob\": \" \", \"n_run_skey\": \"
\", \"v_gender\": \" \", \"v_passports\": \" \", \"v_ssn\": \"
\", \"v_family_name\": \"Milne\", \"v_town_of_birth\": \"
\", \"n_riskscore\": 0, \"v_phone\": \"
\", \"v_postal_code\": \"80915\", \"v_entity_type\": \"I\", \"v_alias_city_of_birth
\": \" \", \"v_country\": \"US\" }\",
        "Candidate Ev": {
            "Json Text": null,
            "Applicant ID": null,
            "Candidate Skey": null,
            "Run Skey": null,
            "Data Origin": null
        }
    },
    {
        "Type": "CANDIDATE",
        "Watchlist Matched": {
            "Run Skey": null,
            "Watchlist Skey": null,
            "Json Text": null
        },
        "Candidate Ev": {
            "Json Text": "{ \"Identification Document\": [{ \"Document
Number\": \"\", \"Document Type\": \"\", \"Issuing
Country\": \"\", \"seqid\": 1}], \"Address\": [{ \"Address Type\": \"\", \"Postal
Code\": \"\", \"Street Line
1\": \"\", \"State\": \"\", \"Country\": \"\", \"City\": \"\", \"seqid\": 1}], \"First
Name\": \"Amanda\", \"Full Name\": \"Amanda\", \"Title\": \"\", \"Candidate
ID\": 10, \"Middle Name\": \"\", \"Gender\": \"\", \"Source Request
ID\": \"\", \"Year Of Birth\": \"1978\", \"Applicant ID\": \"CSRT_10\", \"Business

```

```

Domain\":"GEN\","searchWithCase\:true,\"SSN/TIN\":"\", \"Primary
Citizenship\":"\", \"Country Of Residence\":"\", \"Policy
ID\":"\", \"Customer ID\":"\", \"Candidate Type\":"IND\", \"Existing Internal
ID\":"\", \"Candidate Jurisdiction\":"AMEA\", \"Last
Name\":"Milne\", \"Country Of Birth\":"\", \"Secondary Citizenship\":"\"}\",
    \"Applicant ID\": \"CSRT_10\",
    \"Candidate Skey\": null,
    \"Run Skey\": null,
    \"Data Origin\": \"MAN\"
  }
}
],
\"Primary Entity\": null
}

```

Response Sample:

```

{
  \"CaseList\": [
    {
      \"Case InternalId\": \"CA17140\",
      \"CaseId\": 17140,
      \"EventCode\": [
        10661
      ]
    }
  ],
  \"RunSkey\": 1460
}

```

The possible values for case status code and case status.

Table 4-12 Status codes and their status

Case_Status_Code	Case_Status
CCFP	Closed False Positive
CCTMEC	Closed True Match Exit Completed
CCTMER	Closed True Match Exit Required
CCTMM	Closed True Match Monitored
CCTNM	Closed True Match Not Monitored
CLS_AE	Closed Auto Eliminated
INV	Investigation
NW	New
PNDR	Pending Review
RNPR	Review in Progress



Note:

When the API request encounters an error, it generates a 400 Bad Request response with "STATUS": "ERROR".

This status code typically indicates that the request could not be processed due to invalid syntax, incorrect parameters, or other client-side issues.

Sample error message: (400 Bad Request)

```
{ "STATUS": "ERROR", "message": "ERROR in Executing Query, Please check you  
Filter and Join Conditions" }
```

5

Manual Case Creation using saveEvents API

The Create Case Application Programming Interface (API) is accessible to third-party systems, allowing them to create Transaction Monitoring (TM) cases in Case Management Cloud Service (CMCS).

5.1 Using Case Creation using saveEvents API

End Point Details

This REST API is used to execute Real-time KYC Risk Assessment.

- HTTP Link - `http://<hostname>:<port>/event/saveEvents`
- Method – POST
- Content-Type - Application/JSON

Executing Cascreation API

To execute the save events API, follow the steps mentioned in [Executing iHUB Case Status Feedback Request](#) section.

Request JSON Parameters



Note:

Parameters marked with * Asterisks are mandatory.

Table 5-1 Parameters and their values

Parameter	Value Type	Description
Promotion Flag	String	The string decides case has to be created or not. If the value is N the generation will be stooped at event level and if the value Y the event generated will be promoted to case. The expected value is Y or N.
Event Code	String	Unique Event code on which the event gets generated.
Event Type	String	The type of the event.
Data Origin	String	Captures source system details responsible for case creation requests.
Status Code	String	The status of the event.
Jurisdiction Code	String	The jurisdiction of the event.

Table 5-1 (Cont.) Parameters and their values

Parameter	Value Type	Description
Business Domain	String	The corresponding business domain of the event.
Event Priority	String	The Priority of the event.
Event Reason	String	The reason for the event.
Scenario Id	Number	ID corresponding to the scenario associated to the event.
Score	Number	Score generated for the event.
Score Code	String	Score code on which Event score has been generated.
Entity Type	String	Type of the entity associated.
Focus Flag	String	Flag to determine the primary focus associated.
DirectEntity Flag	String	Flag of the entity type for direct relation with event.
Entity Name	String	Name of the entity associated.
Entity Code	String	Identity code of entity associated.
Process Flag	String	Flag for the process the entry in the pre-case table to case table.
Processing Complete Flag	String	The Flag to update after the case creation is completed.
Case Description	String	Case description for the case generated.
Case Comments	String	Comments on the case creation.
Case Summary	String	More information about case creation.
Case Title	String	Title of the case that to be generated.
Case Type Code	String	Type of the case.
Priority Status Code	String	Priority status of the case.
Priority Code	String	Priority of the case.
Scenario Class Code	String	Scenario on which the case has to be generated.
Case Due Date	String	Format -YYYY-MM-DD Date on which case will be due.
Case Assignee	String	Name of the assignee for the case.
Jurisdiction Code	String	The jurisdiction of the case.
Business Domain	String	The corresponding business domain of the case.
Type	String	Type of the entity associated.
Business Persistence	String	Flag value to save the entity values.
Entity Id	Number	Identity value of entity associated.
Data Origin	String	Captures source system details responsible for case creation.
Focus Flag	String	Flag to determine the primary focus associated.

Table 5-1 (Cont.) Parameters and their values

Parameter	Value Type	Description
Entity Id	Number	Identity value of entity associated.
Entity Type	String	Type of the entity associated.

Response JSON Parameters

response will contain result array that contains case status for each case.

Table 5-2 Parameters and their values

Parameter	Value Type	Description
Case InternalId	String	Unidque caseID generated with a prefix CA.
CaseId	Number	Unique CaseID.
EventCode	Number	Unique Event code associated.
RunSkey	Number	Unique number generated for the entire case creation process.

Request and Response JSON Sample

This section contains a request JSON sample for the onboarding JSON. The entries in this sample are only for reference purposes.

Request JSON Sample

```
{
  "Event Group": [
    {
      "Promotion Flag": "Y",
      "Event List": [
        {
          "Event": {
            "Event Code": "4503",
            "Event Type": "AML",
            "Data Origin": "CMCSMAN",
            "Status Code": "NEW",
            "Jurisdiction Code": "AMEA",
            "Business Domain": "GEN",
```

```
        "Event Priority": null,

        "Event Reason": "trans amt=3000",

        "Scenario Id": 132

    },

    "Event Score": {

        "Score": 0,

        "Score Code": ""

    },

    "Event Entity Map": [

        {

            "Entity Type": "CUSTOMER",

            "Focus Flag": "Y",

            "DirectEntity Flag": "Y",

            "Entity Name": "",

            "Entity Code": "4340"

        }

    ]

}

],

"Event Group Attributes": {

    "Process Flag": "Y",

    "Processing Complete Flag": "Y",

    "Case Description": "test desc",

    "Case Comments": "",

    "Case Summary": "",

    "Case Title": "Test AML Surv Case ",

    "Case Type Code": "AML_SURV",

    "Priority Status Code": "NW",
```

```
        "Priority Code": "High",
        "Scenario Class Code": null,
        "Case Due Date": "2023-06-15",
        "Case Assignee": "",
        "Jurisdiction Code": "AMEA",
        "Business Domain": "GEN"
    }
}
],
"Entity List": [{
    "Type": "CUSTOMER",
    "Business Persisitance": "Y",
    "Entity Id": "4340",
    "Data Origin": "MAN",
    "Focus Flag": "Y"
}
],
"Primary Entity": {
    "Entity Id": "4340",
    "Entity Type": "CUSTOMER"
}
}
```

Response JSON Sample

```
{
    "CaseList": [
        {
            "Case InternalId": "CA7940",
            "CaseId": 7940,
```

```
        "EventCode": [  
            4503  
        ]  
    }  
],  
    "RunSkey": 1220  
}
```

6

Saving Event Feedback

The REST API is used to execute the iHUB Request.

6.1 Saving Event Feedback using SaveFeedback API

The REST API is used to execute the iHUB Request. API to gather feedback on events that have undergone investigation via an external Case Management system.

End Point Details

This REST API is used for saving feedback.

- HTTP Link - `http://<hostname>:<port>/event/event/saveFeedback`
- Method – POST
- Content-Type - Application/JSON

Executing SaveFeedback API

To execute the SaveFeedback API, follow the steps mentioned in [Executing iHUB Case Status Feedback Request](#) section.

Request JSON Parameters

This section provides the list of parameters for request JSON.

Table 6-1 Parameters and their values

Parameter	Value Type	Description
MIS Date	Date	This date field must be in MM-dd-yyyy format. If the format is incorrect, the request will be rejected.
Event Code	String	Unique Event code on which the event gets generated. Max Length: 30
External Event ID	String	Unique Event ID generated in the external system. Max Length: 50
External Case ID	String	External case ID generated in the external system. Max Length: 50
Event Start Date	Date	This date field must be in MM-dd-yyyy format. If the format is incorrect, the request will be rejected.
Event End Date	Date	This date field must be in MM-dd-yyyy format. If the format is incorrect, the request will be rejected.

Table 6-1 (Cont.) Parameters and their values

Parameter	Value Type	Description
Event Decision	String	Decision about the event. Max Length: 4000
Event Priority	String	Priority of the event. Max Length: 50
Event Risk	String	Risk score of the event. Max Length: 50
Event Case Count	String	Case count created as part of the event. Max Length: 5
Event Type	String	Type of the event. Max Length: 30
Data Origin	String	Data origin. Max Length: 20

Response JSON Parameters

There will be no parameters displayed as part of the response.

Request and Response JSON Sample

This section contains request JSON samples for the SaveFeedback API. The entries in this sample are only for reference purposes. Note that if the event code is not present in our system the request will be ignored and the missed out events will be notified in the response.*

Request JSON Sample: 1

```
[ {  
  "misdate": "09-26-2023",  
  "eventCode": "4505",  
  "extEventID": "1",  
  "extCaseID": "1",  
  "eventStartDate": "09-26-2023",  
  "eventEndDate": "09-26-2023",  
  "eventDecision": "CLS",  
  "eventPriority": "HIGH",  
  "eventRisk": "0",  
  "eventCaseCount": 85,  
  "dataOrigin": "CMCSMAN",  
  "eventType": "AML"  
} ]
```

Response Sample: 1

Total Number of records in the request:" + 1 + "Number of records Processed:" + 1

Request JSON Sample: 2

```
[
  {
    "misdate": "09-26-2023",
    "eventCode": "4505",
    "extEventID": "1",
    "extCaseID": "1",
    "eventStartDate": "09-26-2023",
    "eventEndDate": "09-26-2023",
    "eventDecision": "CLS",
    "eventPriority": "HIGH",
    "eventRisk": "0",
    "eventCaseCount": 85,
    "dataOrigin": "CMCSMAN",
    "eventType": "AML"
  },
  {
    "misdate": "09-26-2023",
    "eventCode": "6262",
    "extEventID": "2",
    "extCaseID": "2",
    "eventStartDate": "09-26-2023",
    "eventEndDate": "09-26-2023",
    "eventDecision": "CLS",
    "eventPriority": "HIGH",
    "eventRisk": "0",
```

```
"eventCaseCount": 85,  
  
"dataOrigin": "CMCSMAN",  
  
"eventType": "AML"  
  
} ]
```

Response Sample: 2

Total Number of records in the request:" + 2 + "Number of records Processed:" + 1.
The following Event ID(s) are not processed because the associated Event ID(s)
are not available in the system.: 6262