Oracle Financial Services Customer Screening

Oracle Financial Services Customer Screening Data Interfaces Guide

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Chapter 1: Introduction

This document describes the Oracle Financial Services Customer Screening Data Interfaces. This is the set of interfaces used to pass private watch list data and customer data (where not loaded via FCDM) into Oracle Financial Services Customer Screening.

This document describes:

- The Oracle Financial Services Customer Screening Real-time Screening Customer Data Interface.
- Private Watch List File Formats.

Note: Oracle Financial Services Customer Screening is pre-configured to import and process a number of commercially available and government-provided watch lists. No additional configuration is necessary to import data from these watch lists, and so they are not covered in this guide.

Chapter 2: REST Interface for Real-Time Screening with Enterprise Case Management (ECM)

The REST interface can be used if you are also using Oracle Financial Services ECM to create cases in real-time with ECM instead of the web service. The REST service call URLs are available in Appendix: Sample JSON.

2.1 Input fields for Individual screening

This section lists the REST input fields used when screening individuals via the real-time process. Ten input attributes are available for the individual screening process. They are available for any additional inputs required by your screening process. The following table lists the individual fields in order, the data format expected for each field, and notes on their use in screening.

Field Name	Expected Data Format	Notes
Jurisdiction *	String	***[Mandatory attribute]*** This field enables your firm to restrict access using geographic locations. You can only see cases that are assigned to the same jurisdictions.
Business Domain *	String	***[Mandatory attribute]*** This field layer enables your firm to restrict access along operational business lines and practices. You can only see cases that are assigned to at least one of the same business domains.
Given Names *	String	***[Mandatory attribute]*** The individual matching process is based primarily on the name supplied for the individual.
Family Names *	String	***[Mandatory attribute]*** The individual matching process is based primarily on the name supplied for the individual.
Date of Birth	String, representing a date, in the format 'YYYYMMDD'; day, month and year are required.	***[Recommended attribute]*** Birth date information can be used in matching to identify particularly strong matches, or to eliminate matches that are too weak.
City	String	***[Recommended attribute]*** City data is used to strengthen potential match information.
Address Country	String	***[Recommended attribute]*** Address country data is used to strengthen potential match information.
Residency Country	String	***[Recommended attribute]*** The country of residence can be used in optional country prohibition screening.
Country of Birth	String	***[Recommended attribute]*** The country of birth and nationality can be used in optional country prohibition screening.
Nationalities	String	

2.2 Input fields for Entity screening

This section lists the inputs fields used when screening entities via the real-time process. Seven input attributes are available for the entity screening process. They are available for any additional inputs required by your screening process. The following table lists the entity input fields in order, the data format expected for each field, and notes on their use in screening:

Field Name	Expected Data Format	Notes
Jurisdiction *	String	***[Mandatory attribute]*** This field enables your firm to restrict access using geographic locations. You can only see cases that are assigned to the same jurisdictions.
Business Domain *	String	***[Mandatory attribute]*** This field layer enables your firm to restrict access along operational business lines and practices. You can only see cases that are assigned to at least one of the same business domains.
Entity Name *	String	***[Mandatory attribute]*** The entity matching process is based primarily on the name supplied for the entity. An entity name or original script name **must** be submitted to the screening process for screening to proceed.
City	String	***[Recommended attribute]*** City data is used to strengthen potential match information.
Address Country	String	***[Recommended attribute]*** Address country data is used to strengthen potential match information.
Registration Country	String	***[Recommended attribute]*** The entity's registration country can be used in optional country prohibition screening.
Operating Countries	String	***[Recommended attribute]*** Any of the entity's operating countries can be used in optional country prohibition screening.

Chapter 3: The Private List Interface (PLI)

Oracle Financial Services Customer Screening is pre-configured to work with a number of commercially-available and government-provided watch lists. However, you can also screen against your own private watch lists or against external watch lists that Oracle Financial Services Customer Screening is not pre-configured to work with. The Private List Interface (PLI) is used to import data from private watch lists or other sources into Oracle Financial Services Customer screening. It consists of a pair of **.csv** (comma-separated value) files with a pre-defined structure and a set of validation rules.

This chapter discusses the structure of the interface files.

3.1 Private List Interface (PLI) file formats

Private Watch List data must be supplied in two data files, **privateindividuals.csv** and **privateentities.csv**. On installation, these files are populated with sample private watch list data, which should be replaced with your own data, once it has been transformed into the required format. For information about the location of these two files, see section 3.1.2 of the Oracle Financial Services Customer Screening Implementation Guide.

Note:

- It is recommended that you keep a copy of the sample private watch list files, as they can be used to verify correct functioning of your installation on a known data set.
- The files must be saved in UTF-8 format.

This section lists PLI fields. The PLI for individuals is detailed in section 3.1.1 "Individual private watch list input attributes", and the PLI for entity screening in section 3.1.2 "Entity private watch list input attributes". In both cases, attributes fall into one of three classes:

- **Mandatory attributes** are absolutely required for screening. They are tagged in the PLI tables with the ***[Mandatory attribute]*** tag.
- **Recommended attributes** are used in matching, typically either to eliminate false positive matches which would occur if the mandatory fields alone were used, or to reinforce the likelihood of a possible match. They are tagged in the PLI tables with the ***[Recommended attribute]*** tag.
- **Optional attributes** are not used in the Oracle Financial Services Customer Screening match processes. Information provided in these fields may be of use in processes downstream of the match process.

3.1.1 Individual private watch list input attributes

This section lists the PLI fields used for individuals. In addition to a number of prescribed fields, fifty customizable input attributes are available for individual private watch lists. Forty of these are string attributes, five are date attributes and five are number attributes. They are available for any additional inputs required by your private watch list. The following table lists

the individual PLI fields in order, the data format expected for each field, and notes on their use in screening.

Field Name	Expected Data Format	Notes
ListSubKey	String	This field is used to identify the source list of the watch list record (for example, Private List, Accounting Private List, Financial Private List and so on). It is included in the alert key.
ListRecordType	String	***[Mandatory attribute]***This field is used when filtering alerts, to determine whether the record is a sanctions, PEP or enhanced due diligence record. It must contain a value of **SAN**, **EDD**, or **PEP** or a combination of these values. If you want to include a combination of values, the values should be comma-separated, and enclosed by double quotation marks. For example: **"SAN, EDD, PEP"**
ListRecordOrigin	String	This field is used to record the provenance of a record when it is part of a consolidated list.
ListRecordId	String	***[Mandatory attribute]*** This attribute is *not* used as part of the matching process, but is used to create the case key. Therefore, it should be populated with a unique identifier.
PassportNumber	String	This is an optional field that may be used to capture customer passport numbers where known for use in the review process. Note that passport numbers are not used in the default screening rules.
NationalId	String	This is an optional field that may be used to capture customer National IDs where known for use in the review process. Note that National IDs are not used in the default screening rules.
Title	String	This field should contain the titles of customers (such as Mr/Mrs/Dr/Herr/Monsieur). It is used to derive gender values where the gender is not already stated, and is used during the review process. Note that it is important that titles are not included in the name fields if possible.
FullName	String	***[Mandatory attribute]*** The individual matching process is based primarily on the name supplied for the individual. **Either** a full name, a pair of given and family names, or an original script name **must** be submitted to the screening process for screening to proceed.
GivenNames	String	
FamilyName	String	
NameType	String	This is an optional field used in the review process only. Multiple names may exist for the same person. The Name Type therefore denotes if the name is the primary name of the listed party, or an additional name (such as an Alias, or Alternate Spelling). If two private list records were derived from a single source with multiple names (such as Mrs Louise Wilson née Hammond being split into two records, Louise Wilson and Louise Hammond) you may wish to denote one as the primary name and one as a maiden or alias name.
NameQuality	String	This field may be assigned a value of **Low**, **Medium** or **High** to indicate the quality of the individual name.

Field Name	Expected Data Format	Notes
		High is used for Primary names and specified Good/High quality aliases.
PrimaryName	String	For alias records, this field indicates the main name for that record.
OriginalScriptName	String	***[Mandatory attribute]*** The individual matching process is based primarily on the name supplied for the individual. **Either** a full name, a pair of given and family names, or an original script name **must** be submitted to the screening process for screening to proceed. If you populate the OriginalScriptName, then you will also need to enable two facets of Match processor configuration that are disabled by default: the **Original Script Name** Cluster and some or all of the Match Rules that include **Original script name** in their name. To adapt Match Processor configuration, you will need to open the Watchlist Screening project within the Director user interface, and make the changes to every process used by your Oracle Financial Services Customer Screening installation. There are separate processes for different types of screening. Examples include **Individual Batch PEP Screening**, **Individual Real-time Screening** and **Individual Batch EDD Screening**. Each of these processes will include a match processor with a name that is the same as the process name (for example, in the **Individual Batch SAN Screening** process, the Match processor will also be called **Individual Batch SAN Screening**).
Gender	String	The value supplied should be either 'M' or 'F'. The gender is not used directly in the matching process, but optionally, the value of the Gender field can be used by the elimination rules to eliminate poor matches.
Occupation	String	This is an optional field that may be used to eliminate records with "safe" occupations, in the review process and in risk scoring. Note that customer occupations are not matched against list occupations using the default screening rules.
DateOfBirth	String, representing a date, in the format 'YYYYMMDD'; day, month and year are required.	***[Recommended attribute]*** Birth date information can be used in matching to identify particularly strong matches, or to eliminate matches that are too weak.
YearOfBirth	String, in the format 'YYYY'.	
Deceased Flag	String	If populated, this optional field should contain either **Y** or **N**.
DeceasedDate	String, representing a date, in the format 'YYYYMMDD'.	If populated, this optional field should contain either the current date or a date in the past.
Address1	String	These are optional fields that may be used in the review process.
Address2	String	

Field Name	Expected Data Format	Notes
Address3	String	
Address4	String	
City	String	***[Recommended attribute]*** City data is used to strengthen potential match information.
State	String	
PostalCode	String	
AddressCountryCode	String; ISO 2-character country code.	***[Recommended attribute]*** Address country data is used to strengthen potential match information.
ResidencyCountryCode	String; ISO 2-character country code.	***[Recommended attribute]*** The country of residence can be used in optional country prohibition screening.
CountryOfBirthCode	String; ISO 2-character country code.	***[Recommended attribute]***
NationalityCountryCodes	String; comma-separated list of ISO 2-character country codes.	***[Recommended attribute]*** The nationality can be used in optional country prohibition screening.

Field Name	Expected Data Format	Notes
ProfileHyperlink	String; a hyperlink to an Internet or intranet resource for the record.	**This field may contain a hyperlink to an Internet or intranet resource that can provide reviewers with additional information about the individual.**
RiskScore	Number, between 0 and 100	This field is included where the risk score for a customer is calculated externally instead of using the Watchlist Screening rules. It is normally populated using Watchlist Screening's risk scoring process. **NOTE**: it is possible to eliminate records if their risk score is below a certain threshold.
RiskScorePEP	Number, between 0 and 100	A number indicating the relative 'riskiness' of the individual, considered as a PEP. The risk score is expressed as an integer between 1 and 100, with higher numbers indicating a higher risk.
AddedDate	String, representing a date, in the format 'YYYYMMDD'	These are optional fields for use in the review process.
LastUpdatedDate	String, representing a date, in the format 'YYYYMMDD'	
DataConfidenceScore	Number, between 0 and 100	
DataConfidenceComment	String	
InactiveFlag	String	If populated, this optional field should contain either **Y** or **N**.
InactiveSinceDate	String, representing a	If populated, this optional field should contain either the current date or a date in the past.

Field Name	Expected Data Format	Notes
	date, in the format 'YYYYMMDD'	
PEPclassification	String	This field can be used to indicate the type of PEP (for example, whether the individual is part of an international organization or government, and at what level). It can be used to filter watch list records, and is primarily used by the World-Check watch list, but could be used by a private watch list if required. See section 3.2 of the Oracle Financial Services Customer Screening Implementation guide for more information about filtering.
customString1 to customString40	String	Fifty custom fields are provided in the private list data interface for individuals. Forty of these are intended to hold string data, five hold dates and five numeric data. **NOTE:** The interface file is a comma-separated value (**.csv**) file, and so all fields intrinsically contain strings. However, during the processing of Private watch lists, the custom date and number fields are checked to ensure that they include appropriate data, and warning messages are output if they do not.
customDate1 to customDate5	String, representing a date, in the format 'YYYYMMDD'	
customNumber1 to customNumber5	Number	

3.1.2 Entity private watch list input attributes

This section lists the private PLI fields used for entities. In addition to a number of prescribed fields, fifty customizable input attributes are available for entity private lists. Forty of these are string attributes, five are date attributes and five are number attributes. They are available for any additional inputs required by your private watch list. The following table lists the entity PLI fields in order, the data format expected for each field, and notes on their use in screening:

Field Name	Expected Data Format	Notes
ListSubKey	String	This field is used to identify the source list of the watch list record (for example, Private List, Accounting Private List, Financial Private List and so on). It is included in the alert key.
ListRecordType	String	***[Mandatory attribute]***This field is used when filtering alerts, to determine whether the record is a sanctions, PEP or enhanced due diligence record. It must contain a value of **SAN**, **EDD**, or **PEP** or a combination of these values. If you want to include a combination of values, the values should be comma-separated, and enclosed by double quotation marks. For example: **"SAN, EDD, PEP"**
ListRecordOrigin	String	This field is used to record the provenance of a record when it is part of a consolidated list.
ListRecordId	String	***[Mandatory attribute]*** This attribute is **not** used as part of the matching process, but is used to create the case key. Therefore, it should be populated with a unique customer identifier.

Field Name	Expected Data Format	Notes
RegistrationNumber	String	This is an optional field that may be used to capture entity registration numbers where known for use in the review process. Note that entity registration numbers are not used for matching in the default screening rules.
EntityName	String	***[Mandatory attribute]*** The entity matching process is based primarily on the name supplied for the entity. An entity name or original script name **must** be submitted to the screening process for screening to proceed.
NameType	String	This is an optional field used in the review process only. Multiple names may exist for the same entity. The Name Type therefore denotes if the name is the primary name of the listed party, or an additional name (such as an Alias, or Alternate Spelling). If two private list records were derived from a single source with multiple names, you may wish to denote one as the primary name and one as an alias.
NameQuality	String	This field may be assigned a value of **Low**, **Medium** or **High** to indicate the quality of the individual name. **High** is used for Primary names and specified Good/High quality aliases.
PrimaryName	String	For alias records, this field indicates the main name for that record.
OriginalScriptName	String	***[Mandatory attribute]*** The entity matching process is based primarily on the name supplied for the entity. An entity name or original script name **must** be submitted to the screening process for screening to proceed. If you populate the OriginalScriptName, then you will also need to enable two facets of Match processor configuration that are disabled by default: the **Original Script Name** Cluster and some or all of the Match Rules that include **Original script name** in their name. To adapt Match Processor configuration, you will need to open the Watchlist Screening project within the Director user interface, and make the changes to every process used by your Oracle Financial Services Customer Screening installation. There are separate processes for different types of screening. Examples include **Entity Batch PEP Screening**, **Entity Real-time Screening** and **Entity Batch EDD Screening**. Each of these processes will include a match processor with a name that is the same as the process name (for example, in the **Entity Batch SAN Screening** process, the Match processor will also be called **Entity Batch SAN Screening**).
AliasIsAcronym	String	If this field is set to **Y**, this flags an alias as an acronym as opposed to a full entity name. Leaving the field blank or setting it to any other value has no effect (i.e. an alias is assumed to be a full entity name). **NOTE**: This flag is used during matching.
VesselIndicator	String	This field should be set to **Y** if the entity is a vessel (a ship). It should be left empty or set to **N** if the entity is not a vessel.

Field Name	Expected Data Format	Notes
VesselInfo	String	If the entity is a vessel, you can populate this field with information about it: for example, its call sign, type, tonnage, owner, flag and so on.
Address1	String	These are optional fields that may be used in the review process.
Address2	String	
Address3	String	
Address4	String	
City	String	***[Recommended attribute]*** City data is used to strengthen potential match information.
State	String	
PostalCode	String	
AddressCountryCode	String; ISO 2-character country code.	***[Recommended attribute]*** Address country data is used to strengthen potential match information.
RegistrationCountryCode	String; ISO 2-character country code.	***[Recommended attribute]*** The entity's registration country can be used in optional country prohibition screening.
OperatingCountryCodes	String; ISO 2-character country code.	***[Recommended attribute]*** Any of the entity's operating countries can be used in optional country prohibition screening.
ProfileHyperlink	String; a hyperlink to and Internet or intranet resource for the record.	This field may contain a hyperlink to an Internet or intranet resource that can provide reviewers with additional information about the entity.
RiskScore	Number, between 0 and 100	This field is included where the risk score for a customer is calculated externally instead of using the Watchlist Screening rules. It is normally populated using Watchlist Screening's risk scoring process. **NOTE**: it is possible to elminate records if their risk score is below a certain threshold.
RiskScorePEP	Number, between 0 and 100	A number indicating the relative 'riskiness' of the entity, considered as a PEP. The risk score is expressed as an integer between 1 and 100, with higher numbers indicating a higher risk.
AddedDate	String, representing a date, in the format 'YYYYMMDD'	These are optional fields for use in the review process.
LastUpdatedDate	String, representing a date, in the format 'YYYYMMDD'	
DataConfidenceScore	Number, between 0 and 100	
DataConfidenceComment	String	
InactiveFlag	String	If populated, this optional field should contain either **Y** or **N**.
InactiveSinceDate	String, representing a date, in the format 'YYYYMMDD'	If populated, this optional field should contain either the current date or a date in the past.

Field Name	Expected Data Format	Notes
PEPclassification	String	This field can be used to indicate the type of PEP (for example, whether it relates to an international organization or government, and at what level). It can be used to filter watch list records, and is primarily used by the World-Check watch list, but could be used by a private watch list if required. See section 3.2 of the Oracle Financial Services Customer Screening Implementation guide for more information about filtering.
customString1 to customString40	String	Fifty custom fields are provided in the private list data interface for entities. Forty of these are intended to hold string data, five hold dates and five numeric data. **NOTE:** The interface file is a comma-separated value (**.csv**) file, and so all fields intrinsically contain strings. However, during the processing of Private watch lists, the custom date and number fields are checked to ensure that they include appropriate data, and warning messages are output if they do not.
customDate1 to customDate5	String, representing a date, in the format 'YYYYMMDD'	
customNumber1 to customNumber5	Number	

Appendix: Sample JSON

Two sample JSONs have been provided in this appendix for Individual screening and entity screening. Each name screening rest request returns a JSON response which contains up to four cases: Sanctions (SAN), Politically Exposed Persons (PEP), Enhanced Due Diligence (EDD) and Country Prohibition (PRHB). Each case contains multiple alerts and each alert contains different watch list details and one or more matches (corresponding to different alias matches). If no matches are found, then an empty JSON is returned.

Below is a sample JSON for Individual screening:

URL: `http://[servername]:[portnumber]/[context]/rest-api/RTScreening/RTScreeningRestService/service/IndividualScreen`

Input

```
 {
      "Jurisdiction":"AMEA",
                                "BusinessDomain":"a",
                                "GivenNames":"robert",
                                "FamilyName":"mugabe",
                                "DateOfBirth":"19990930",
                                "City":"",
                                "AddressCountryCode":"",
                                "ResidencyCountryCode":"",
                                "CountryOfBirthCode":"",
                                "NationalityCountryCodes":""
   }
```

Output

```
[
    {
        "alerts": [
            {
                "ListFamilyName": "MUGABE",
                "ListSubKey": "PRIV-PEP",
                "watchlistDetail": {
                    "ListFullName": "ROBERT PETER JR MUGABE",
                    "ListCountry": "ZW",
                    "ListFamilyName": "MUGABE",
                    "MatchScore": 81,
                    "ListSubKey": "PRIV-PEP",
                    "ListRecordOrigin": "PEP",
                    "ListGivenNames": "ROBERT PETER JR",
                    "ListOriginalScriptName": null,
                    "ListPrimaryName": "MUGABE, ROBERT PETER JR.",
                    "ListDOB": null,
                    "RiskScore": null,
                    "ListRecordType": "PEP",
                    "ListCountryOfBirth": null,
```

```
                    "MatchRule": "[I060O] Abbreviated standardized given name
only",
                    "ListCity": "",
                    "RiskScorePEP": null,
                    "ListKey": "PRIV",
                    "ListId": "1234",
                    "ListNationality": null,
                    "ListNameType": "Primary Name"
                },
                "ListRecordOrigin": "PEP",
                "ListOriginalScriptName": null,
                "ListDOB": null,
                "ListCountryOfBirth": null,
                "MatchRule": "[I060O] Abbreviated standardized given name only",
                "ListCity": "",
                "RiskScorePEP": null,
                "ListKey": "PRIV",
                "score": "81",
                "ListId": "1234",
                "ListNameType": "Primary Name",
                "dataOrigin": "CSRTAPP",
                "ListFullName": "ROBERT PETER JR MUGABE",
                "ListCountry": "ZW",
                "MatchScore": 81,
                "ListGivenNames": "ROBERT PETER JR",
                "ListPrimaryName": "MUGABE, ROBERT PETER JR.",
                "RiskScore": null,
                "ListRecordType": "PEP",
                "matches": [
                    {
                        "requestID": 164,
                        "matchDetail": {
                            "ListFullName": "ROBERT PETER JR MUGABE",
                            "ListCountry": "ZW",
                            "ListFamilyName": "MUGABE",
                            "MatchScore": 81,
                            "ListSubKey": "PRIV-PEP",
                            "ListRecordOrigin": "PEP",
                            "ListGivenNames": "ROBERT PETER JR",
                            "ListOriginalScriptName": null,
                            "ListPrimaryName": "MUGABE, ROBERT PETER JR.",
                            "ListDOB": null,
                            "RiskScore": null,
                            "ListRecordType": "PEP",
                            "ListCountryOfBirth": null,
                            "MatchRule": "[I060O] Abbreviated standardized given
name only",
                            "ListCity": "",
                            "RiskScorePEP": null,
                            "ListKey": "PRIV",
                            "ListId": "1234",
                            "ListNationality": null,
                            "ListNameType": "Primary Name"
                        },
                        "alertID": 2307,
                        "matchID": 1
                    }
                ],
                "ListNationality": null,
```

```
                "requestID": 164,
                "caseID": "CA1259",
                "alertID": 2307
            }
        ],
        "caseID": "CA1259",
        "type": "PEP"
    },
    {
        "alerts": [
            {
                "ListFamilyName": "MUGABE",
                "ListSubKey": "OFAC-SDN",
                "watchlistDetail": {
                    "ListFullName": "ROBERT GABRIEL MUGABE",
                    "ListCountry": "",
                    "ListFamilyName": "MUGABE",
                    "MatchScore": 71,
                    "ListSubKey": "OFAC-SDN",
                    "ListRecordOrigin": "OFAC-SDN",
                    "ListGivenNames": "ROBERT GABRIEL",
                    "ListOriginalScriptName": null,
                    "ListPrimaryName": "Robert Gabriel MUGABE",
                    "ListDOB": "1924-02-21T00:00:00.000+05:53",
                    "RiskScore": null,
                    "ListRecordType": "SAN",
                    "ListCountryOfBirth": null,
                    "MatchRule": "[I060P] Abbreviated standardized given name
(conflict)",
                    "ListCity": "",
                    "RiskScorePEP": null,
                    "ListKey": "OFAC",
                    "ListId": "7480",
                    "ListNationality": null,
                    "ListNameType": "Primary"
                },
                "ListRecordOrigin": "OFAC-SDN",
                "ListOriginalScriptName": null,
                "ListDOB": "1924-02-21T00:00:00.000+05:53",
                "ListCountryOfBirth": null,
                "MatchRule": "[I060P] Abbreviated standardized given name
(conflict)",
                "ListCity": "",
                "RiskScorePEP": null,
                "ListKey": "OFAC",
                "score": "71",
                "ListId": "7480",
                "ListNameType": "Primary",
                "dataOrigin": "CSRTAPP",
                "ListFullName": "ROBERT GABRIEL MUGABE",
                "ListCountry": "",
                "MatchScore": 71,
                "ListGivenNames": "ROBERT GABRIEL",
                "ListPrimaryName": "Robert Gabriel MUGABE",
                "RiskScore": null,
                "ListRecordType": "SAN",
                "matches": [
                    {
                        "requestID": 164,
```

```
                    "matchDetail": {
                        "ListFullName": "ROBERT GABRIEL MUGABE",
                        "ListCountry": "",
                        "ListFamilyName": "MUGABE",
                        "MatchScore": 71,
                        "ListSubKey": "OFAC-SDN",
                        "ListRecordOrigin": "OFAC-SDN",
                        "ListGivenNames": "ROBERT GABRIEL",
                        "ListOriginalScriptName": null,
                        "ListPrimaryName": "Robert Gabriel MUGABE",
                        "ListDOB": "1924-02-21T00:00:00.000+05:53",
                        "RiskScore": null,
                        "ListRecordType": "SAN",
                        "ListCountryOfBirth": null,
                        "MatchRule": "[I060P] Abbreviated standardized given
name (conflict)",
                        "ListCity": "",
                        "RiskScorePEP": null,
                        "ListKey": "OFAC",
                        "ListId": "7480",
                        "ListNationality": null,
                        "ListNameType": "Primary"
                    },
                    "alertID": 2310,
                    "matchID": 1
                }
            ],
            "ListNationality": null,
            "requestID": 164,
            "caseID": "CA1258",
            "alertID": 2310
        },
        {
            "ListFamilyName": "MUGABE",
            "ListSubKey": "HMT-CONS",
            "watchlistDetail": {
                "ListFullName": "ROBERT GABRIEL MUGABE",
                "ListCountry": "",
                "ListFamilyName": "MUGABE",
                "MatchScore": 71,
                "ListSubKey": "HMT-CONS",
                "ListRecordOrigin": "HMT-CONS",
                "ListGivenNames": "ROBERT GABRIEL",
                "ListOriginalScriptName": null,
                "ListPrimaryName": "ROBERT GABRIEL MUGABE",
                "ListDOB": "1924-02-21T00:00:00.000+05:53",
                "RiskScore": null,
                "ListRecordType": "SAN",
                "ListCountryOfBirth": "",
                "MatchRule": "[I060P] Abbreviated standardized given name
(conflict)",
                "ListCity": "",
                "RiskScorePEP": null,
                "ListKey": "HMT",
                "ListId": "7321",
                "ListNationality": "",
                "ListNameType": "Prime Alias"
            },
            "ListRecordOrigin": "HMT-CONS",
```

```
                "ListOriginalScriptName": null,
                "ListDOB": "1924-02-21T00:00:00.000+05:53",
                "ListCountryOfBirth": "",
                "MatchRule": "[I060P] Abbreviated standardized given name
(conflict)",
                "ListCity": "",
                "RiskScorePEP": null,
                "ListKey": "HMT",
                "score": "71",
                "ListId": "7321",
                "ListNameType": "Prime Alias",
                "dataOrigin": "CSRTAPP",
                "ListFullName": "ROBERT GABRIEL MUGABE",
                "ListCountry": "",
                "MatchScore": 71,
                "ListGivenNames": "ROBERT GABRIEL",
                "ListPrimaryName": "ROBERT GABRIEL MUGABE",
                "RiskScore": null,
                "ListRecordType": "SAN",
                "matches": [
                    {
                        "requestID": 164,
                        "matchDetail": {
                            "ListFullName": "ROBERT GABRIEL MUGABE",
                            "ListCountry": "",
                            "ListFamilyName": "MUGABE",
                            "MatchScore": 71,
                            "ListSubKey": "HMT-CONS",
                            "ListRecordOrigin": "HMT-CONS",
                            "ListGivenNames": "ROBERT GABRIEL",
                            "ListOriginalScriptName": null,
                            "ListPrimaryName": "ROBERT GABRIEL MUGABE",
                            "ListDOB": "1924-02-21T00:00:00.000+05:53",
                            "RiskScore": null,
                            "ListRecordType": "SAN",
                            "ListCountryOfBirth": "",
                            "MatchRule": "[I060P] Abbreviated standardized given
name (conflict)",
                            "ListCity": "",
                            "RiskScorePEP": null,
                            "ListKey": "HMT",
                            "ListId": "7321",
                            "ListNationality": "",
                            "ListNameType": "Prime Alias"
                        },
                        "alertID": 2311,
                        "matchID": 1
                    }
                ],
                "ListNationality": "",
                "requestID": 164,
                "caseID": "CA1258",
                "alertID": 2311
            },
        ],
        "caseID": "CA1258",
        "type": "SAN"
    }
]
```

Below is a sample JSON for Entity screening:

URL: http://[servername]:[portnumber]/[context]/rest-api/RTScreening/RTScreeningRestService/service/EntityScreen

Input


```
 {
      "Jurisdiction":"AMEA",
                                "BusinessDomain":"a",
                                "EntityName":"black september",
                                "City":"",
                                "AddressCountryCode":"",
                                "RegistrationCountryCode":"",
                                "OperatingCountryCodes":""
   }
```


Output


```
[
    {
        "alerts": [
            {
                "ListEntityName": "BLACK SEPTEMBER",
                "ListCountry": "PS",
                "MatchScore": 92,
                "ListSubKey": "PRIV-EDD",
                "ListOperatingCountries": "PS",
                "watchlistDetail": {
                    "ListEntityName": "BLACK SEPTEMBER",
                    "ListCountry": "PS",
                    "MatchScore": 92,
                    "ListSubKey": "PRIV-EDD",
                    "ListOperatingCountries": "PS",
                    "ListRecordOrigin": "EDI",
                    "ListOriginalScriptName": null,
                    "ListPrimaryName": "ABU NIDAL ORGANIZATION (ANO",
                    "RiskScore": null,
                    "ListRecordType": "EDD",
                    "MatchRule": "[E010D] Part-standardized name exact only",
                    "ListCity": "",
                    "RiskScorePEP": null,
                    "ListKey": "PRIV",
                    "ListId": "PRIV1234",
                    "ListNameType": "Alias",
                    "ListRegistrationCountries": null
                },
                "ListRecordOrigin": "EDI",
                "ListOriginalScriptName": null,
                "ListPrimaryName": "ABU NIDAL ORGANIZATION (ANO",
                "RiskScore": null,
                "ListRecordType": "EDD",
                "MatchRule": "[E010D] Part-standardized name exact only",
                "matches": [
                    {
```

```
                        "requestID": 167,
                        "matchDetail": {
                            "ListEntityName": "BLACK SEPTEMBER",
                            "ListCountry": "PS",
                            "MatchScore": 92,
                            "ListSubKey": "PRIV-EDD",
                            "ListOperatingCountries": "PS",
                            "ListRecordOrigin": "EDI",
                            "ListOriginalScriptName": null,
                            "ListPrimaryName": "ABU NIDAL ORGANIZATION (ANO",
                            "RiskScore": null,
                            "ListRecordType": "EDD",
                            "MatchRule": "[E010D] Part-standardized name exact
only",
                            "ListCity": "",
                            "RiskScorePEP": null,
                            "ListKey": "PRIV",
                            "ListId": "PRIV1234",
                            "ListNameType": "Alias",
                            "ListRegistrationCountries": null
                        },
                        "alertID": 2352,
                        "matchID": 1
                    }
                ],
                "ListCity": "",
                "RiskScorePEP": null,
                "ListKey": "PRIV",
                "score": "92",
                "ListId": "PRIV1234",
                "requestID": 167,
                "caseID": "CA1265",
                "ListNameType": "Alias",
                "dataOrigin": "CSRTAPP",
                "alertID": 2352,
                "ListRegistrationCountries": null
            }
        ],
        "caseID": "CA1265",
        "type": "EDD"
    },
    {
        "alerts": [
            {
                "ListEntityName": "BLACK SEPTEMBER",
                "ListCountry": "",
                "MatchScore": 92,
                "ListSubKey": "HMT-CONS",
                "ListOperatingCountries": "",
                "watchlistDetail": {
                    "ListEntityName": "BLACK SEPTEMBER",
                    "ListCountry": "",
                   "MatchScore": 92,
                    "ListSubKey": "HMT-CONS",
                    "ListOperatingCountries": "",
                    "ListRecordOrigin": "HMT-CONS",
                    "ListOriginalScriptName": null,
                    "ListPrimaryName": "ABU NIDAL ORGANISATION (ANO)",
                    "RiskScore": null,
```

```
                    "ListRecordType": "SAN",
                    "MatchRule": "[E010D] Part-standardized name exact only",
                    "ListCity": "",
                    "RiskScorePEP": null,
                    "ListKey": "HMT",
                    "ListId": "6933",
                    "ListNameType": "AKA",
                    "ListRegistrationCountries": null
                },
                "ListRecordOrigin": "HMT-CONS",
                "ListOriginalScriptName": null,
                "ListPrimaryName": "ABU NIDAL ORGANISATION (ANO)",
                "RiskScore": null,
                "ListRecordType": "SAN",
                "MatchRule": "[E010D] Part-standardized name exact only",
                "matches": [
                    {
                        "requestID": 167,
                        "matchDetail": {
                            "ListEntityName": "BLACK SEPTEMBER",
                            "ListCountry": "",
                            "MatchScore": 92,
                            "ListSubKey": "HMT-CONS",
                            "ListOperatingCountries": "",
                            "ListRecordOrigin": "HMT-CONS",
                            "ListOriginalScriptName": null,
                            "ListPrimaryName": "ABU NIDAL ORGANISATION (ANO)",
                            "RiskScore": null,
                            "ListRecordType": "SAN",
                            "MatchRule": "[E010D] Part-standardized name exact
only",
                            "ListCity": "",
                            "RiskScorePEP": null,
                            "ListKey": "HMT",
                            "ListId": "6933",
                            "ListNameType": "AKA",
                            "ListRegistrationCountries": null
                        },
                        "alertID": 2349,
                        "matchID": 1
                    }
                ],
                "ListCity": "",
                "RiskScorePEP": null,
                "ListKey": "HMT",
                "score": "92",
                "ListId": "6933",
                "requestID": 167,
                "caseID": "CA1264",
                "ListNameType": "AKA",
                "dataOrigin": "CSRTAPP",
                "alertID": 2349,
                "ListRegistrationCountries": null
            },
            {
                "ListEntityName": "BLACK SEPTEMBER",
                "ListCountry": "",
                "MatchScore": 92,
                "ListSubKey": "OFAC-SDN",
```

```
                "ListOperatingCountries": "",
                "watchlistDetail": {
                    "ListEntityName": "BLACK SEPTEMBER",
                    "ListCountry": "",
                    "MatchScore": 92,
                    "ListSubKey": "OFAC-SDN",
                    "ListOperatingCountries": "",
                    "ListRecordOrigin": "OFAC-SDN",
                    "ListOriginalScriptName": null,
                    "ListPrimaryName": "ABU NIDAL ORGANIZATION",
                    "RiskScore": null,
                    "ListRecordType": "SAN",
                    "MatchRule": "[E010D] Part-standardized name exact only",
                    "ListCity": "",
                    "RiskScorePEP": null,
                    "ListKey": "OFAC",
                    "ListId": "4687",
                    "ListNameType": "aka",
                    "ListRegistrationCountries": null
                },
                "ListRecordOrigin": "OFAC-SDN",
                "ListOriginalScriptName": null,
                "ListPrimaryName": "ABU NIDAL ORGANIZATION",
                "RiskScore": null,
                "ListRecordType": "SAN",
                "MatchRule": "[E010D] Part-standardized name exact only",
                "matches": [
                    {
                        "requestID": 167,
                        "matchDetail": {
                            "ListEntityName": "BLACK SEPTEMBER",
                            "ListCountry": "",
                            "MatchScore": 92,
                            "ListSubKey": "OFAC-SDN",
                            "ListOperatingCountries": "",
                            "ListRecordOrigin": "OFAC-SDN",
                            "ListOriginalScriptName": null,
                            "ListPrimaryName": "ABU NIDAL ORGANIZATION",
                            "RiskScore": null,
                            "ListRecordType": "SAN",
                            "MatchRule": "[E010D] Part-standardized name exact
only",
                            "ListCity": "",
                            "RiskScorePEP": null,
                            "ListKey": "OFAC",
                            "ListId": "4687",
                            "ListNameType": "aka",
                            "ListRegistrationCountries": null
                        },
                        "alertID": 2350,
                        "matchID": 1
                    }
                ],
                "ListCity": "",
                "RiskScorePEP": null,
                "ListKey": "OFAC",
                "score": "92",
                "ListId": "4687",
                "requestID": 167,
```

```
                "caseID": "CA1264",
                "ListNameType": "aka",
                "dataOrigin": "CSRTAPP",
                "alertID": 2350,
                "ListRegistrationCountries": null
            },
        ],
        "caseID": "CA1264",
        "type": "SAN"
    }
]
```