

Oracle Financial Crime and Compliance Management Cloud Service

Watchlist Management



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Contents

Preface

Audience	i
Help	i
Related Resources	i
Diversity and Inclusion	i
Documentation Accessibility	i
Conventions	ii
Comments and Suggestions	ii

1 Watchlist Management

1.1	Download Watchlists and Loading Data to OpenSearch	1
1.2	Private Watchlist	2
1.2.1	Adding Watchlist Data Using the Template	3
1.2.2	Edit the Record	4
1.2.3	Private Watchlist - Delete a Record	4
1.2.4	Private Watchlist - Delete All Records	4
1.2.5	Private Watchlist Audit History	5
1.2.6	Fincen File Upload	6
1.2.7	314a FinCEN File Upload	7
1.2.8	Fincen Audit History	13
1.3	Synonym Management	14
1.3.1	Edit the Record	17
1.4	Index Management	17
1.5	Prohibited Country Watchlist	49
1.5.1	Edit the Record	50
1.5.2	Prohibited Country Audit History	50
1.6	Stop Keywords Watchlist	51
1.6.1	Edit the Record	52

A List of Synonyms

Preface

Watchlist Management provides instruction to configure the watchlists for Oracle Financial Crime and Compliance Management Cloud service.

Audience

This document is intended for users who are responsible for provisioning and activating Oracle Financial Crime and Compliance Management Cloud service or for adding other users who would manage the services, or for users who want to develop Oracle Cloud applications.

Help

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

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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.

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1

Watchlist Management

Use the watch list management menus to add one or more records to a private watch list and add synonyms and stop words which are used during the matching process.

Topics:

- [Download Watchlists and Loading Data to OpenSearch](#)
- [Private Watchlist](#)
- [Synonym Management](#)
- [Index Management](#)
- [Prohibited Country Watchlist](#)
- [Stop Keywords Watchlist](#)

1.1 Download Watchlists and Loading Data to OpenSearch

The watch list widget downloads the watch list data by using the URL specified in the **Watchlist Management** window in the **Watchlist Management** widget link to widgets section in pipeline designer. The URLs are ready-to-use and can be edited if required; the username and password must be entered only if required for the watch list. The watch list widget can download and ingest free and subscription-based watch lists for screening. You can also use private watch lists using the **Private Watchlist** window. Private watchlist supports upload and download of data. For more information, see [Private Watchlist](#).

- Clients utilizing watchlist services, such as World-Check (WC) and Dow Jones must resave the watchlist credentials before executing the batches.
- To download the Office of Foreign Assets Control (OFAC), United Nations (UN), European Union (EU) and HM Treasury (HMT) watch list data and load it to OS for matching, run the **WLOFACLoad**, **WLUNLoad**, **WLEULoad** and **WLHMTLoad** batch through the [Scheduler Services](#).
- To download the WC watch list data and load it to OpenSearch (OS) for matching, run the **WLWCSTANDARDLoad** batch if you have a standard subscription, and run the **WLWCPREMIUMLoad** batch if you have a premium subscription. These batches are run through the [Scheduler Services](#).
- To download the DowJones data and load it to OS for matching, run the **WLDJWLoad**. These batches are run through the [Scheduler Services](#).
- To download the private watch list data and load it to OS for matching, run the **WLPRIVATELoad** batch through the [Scheduler Services](#).

Optionally, Financial Institutions with a large customer base can periodically load delta records of customer data and watch list data. Oracle's Cloud Service screens the delta records of customers and watchlist records without impacting the quality of the events generated.

- To download the WC Delta Watch List Data and load it to OS for matching, run the **WLWCSTANDARDDeltaLoad** batch if you have a standard subscription, and run the **WLWCPREMIUMDeltaLoadbatch** if you have a premium subscription. These batches are run through the [Scheduler Services](#).

- To download the DowJones Delta Watch List Data and load it to OS for matching, run the **WLDJWDeltaLoad**. These batches are run through the [Scheduler Services](#).

1.2 Private Watchlist

Instructions for adding Private Watchlist.

There are two ways to add Private Watchlist records:

1. Add a record using the **Private Watchlist** window. When you add a new record, it appears on the **Private Watchlist** grid. To add Identifier Watchlist records follow the subsequent steps:
 - a. From the Navigation List, click **Watchlist Management**.
 - b. From the Navigation List, click **Private Watchlist**. The Private Watchlist Screen displays.
 - c. Click **Add** .
 - d. In a **Add Private Watchlist** window, enter the values for all the fields listed in the **Field Specification Guide** on the [MOS](#) table.

Note

- **Character Length** and **Data Type** information can be found in the **Field Specification Guide** on the [MOS](#) page.

- e. Click **Save** to save the record.

Note

To add a 314a Watchlist record the 314A Watchlist Admin Role should be mapped to any of the user group of the current user. Add the role - '314a watchlist admin role' to the relevant user group (For example: CS Analyst). Map the security mapping for the case type CS_314a from the Security Mapping UI. For more information about assigning the user role, see [Using Admin Console](#).

2. To add or edit Private Watchlist records in bulk, perform the following actions:
 - **Export** the Private Watchlist,
 - Use the columns available in the exported file as a template to upload private watchlist records as follows:
 - To **add** a new private watchlist record, add a new row and values in the applicable columns.
 - To **edit** a private watchlist record, use the exported file and change values in the applicable columns for an existing private watchlist record
 - To make a private watchlist record as inactive, use the exported file and change the **'Is Active'** column to **'N'** for an existing private watchlist record.

Note

You cannot change the structure of the file.

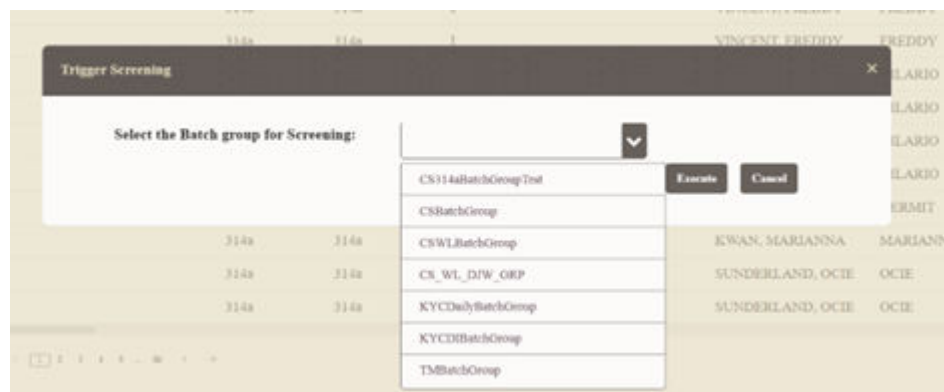
1.2.1 Adding Watchlist Data Using the Template

Use this section to add watchlist data using the template.

To add watch list data using the template, follow these steps

1. From the Navigation List, click **Watchlist Management**.
2. From the Navigation List, click **Private Watchlist**. The Private Watchlist Screen displays.
3. Click **Export**  to download the template in the .xls format
4. Enter the values in the required columns and save the file.
5. Click **Import** . The file is uploaded and the records are displayed on the Private Watchlist grid.
6. Click  the Instant Screening icon to run the batch group execution from the private watchlist screen. The Trigger screening page is displayed.

Figure 1-1 Trigger screening



7. Select the desired batch group from the drop-down list and click **Execute**. Upon successful execution, a message will appear containing the Monitor Batch URL, which will redirect you to the Monitor Batch screen.

Follow the same steps to edit watch list data using the template.

Note

- Watchlist ID is mandatory and it must be unique.
- For updating existing records, you must provide the Watchlist ID.
- Watchlist Records imported through API cannot be imported from UI and vice versa. Any edit of API records from UI Edit will lead to loss of data, if those records are updated from API.

For more information, see the **Field Specification Guide** on the [MOS](#) page.

1.2.2 Edit the Record

To edit a Private Watchlist Record, follow these steps:

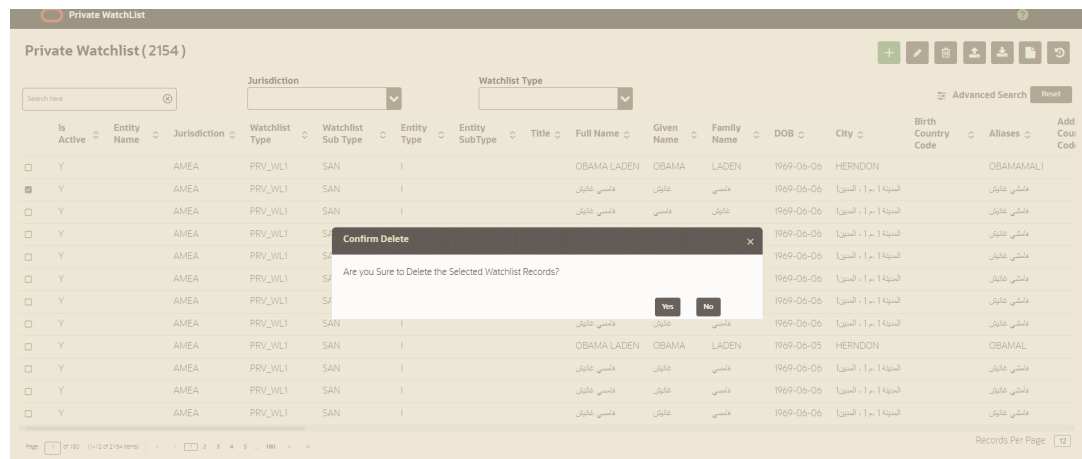
1. Select the check box in line with the record you want to edit.
2. Click **Edit** to open the **Add Private Watch List** window.
3. Edit the required fields.
4. Click **Save** to save the record.

1.2.3 Private Watchlist - Delete a Record

To delete a record follow these steps:

1. Enable the checkbox and click the **Delete** icon.
A confirmation popup dialog box is displayed.
2. Click **Yes** to delete the selected items from the Private Watchlist.

Figure 1-2 Delete a Record

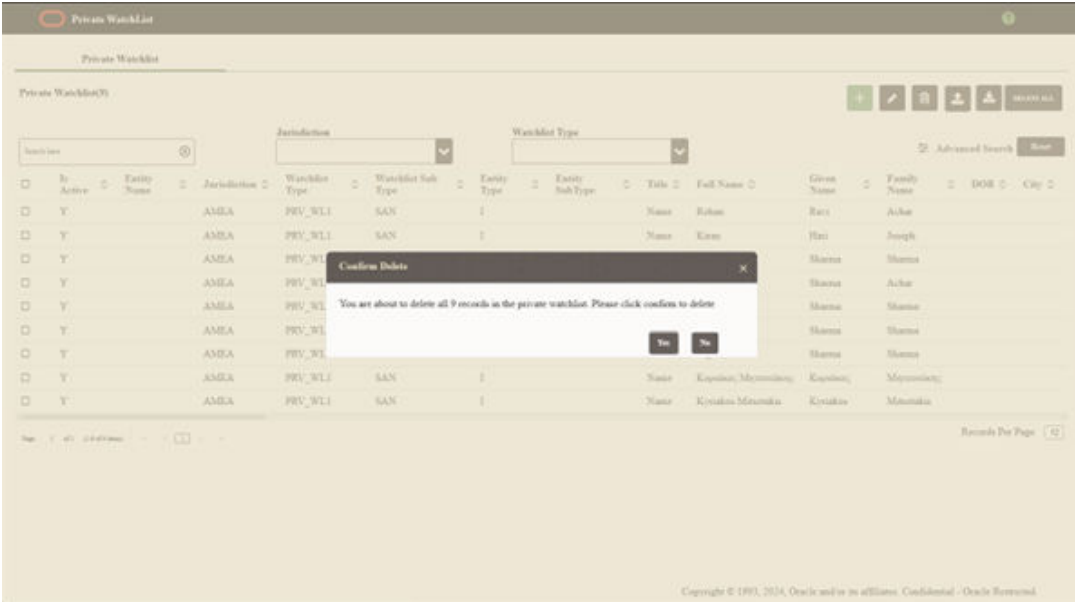


1.2.4 Private Watchlist - Delete All Records

To delete all records follow these steps:

1. Click the **DELETE ALL** icon.
A confirmation popup dialog box is displayed.
2. Click **Yes** to delete all items from the Private Watchlist.

Figure 1-3 Delete all Records



 Note

If filters are added, the **DELETE ALL** button deletes all filtered records.

1.2.5 Private Watchlist Audit History

The Audit History  feature provides a detailed log of all changes made to the private watchlist.

To see the Private Watchlist Audit history follow these steps:

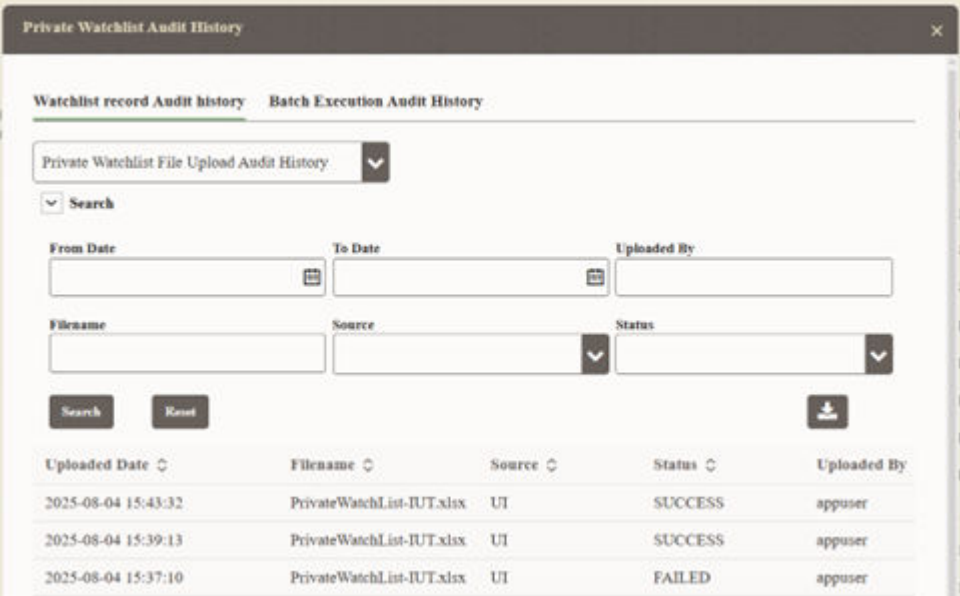
1. Click the **Private Watchlist Audit History**  icon and a pop-up will be displayed.
Expand the **Search**, It will include the following components:
 - a. Form Date, To Date, Updated By, Watchlist Id, Watchlist Name, Watchlist Type, and Jurisdiction filters.
 - b. Search and Reset button.The Audit History data is displayed in a grid.

The Audit History Data Column description are as follows:

- **Updated Date & Time:** The private watchlist updated date and time.
- **Watchlist ID:** An unique identification number for watchlist.
- **Watchlist Type:** Watchlist Type
- **Jurisdiction:** Watchlist Jurisdiction
- **Watchlist Name:** Name of the Watchlist
- **Action:** An action performed to the watchlist. For example: Add, Edit, or Delete.

- **Field Name:** Modified field name.
 - **Previous Value:** Before modified field value.
 - **New Value:** After modified field value.
 - **Updated By:** Field value modified role.
- c. Download icon.
The data in the grid is downloaded as an Excel file.

Figure 1-4 Private Watchlist Audit History



You can view the audit history of Watchlist records by selecting an option from the drop-down list. For example:

- **Private Watchlist Audit History:** Displays audit records for added (via UI or import), edited, and deleted entries.
- **Private Watchlist File Upload Audit History:** Shows audit records for private watchlist files uploaded through various sources, such as API and UI.
- **Batch Execution Audit History:** Displays a list of batch groups executed from the Private Watchlist screen

1.2.6 Fincen File Upload

Click the **Fincen File Upload** icon and a popup box is displayed.

It includes three fields: **Person**, **Business** and **Notification Date**. There is an upload button adjacent to the Person and Business fields.

1. Click on **Select File** button next to **Person** field to upload person.csv.
2. Click on **Select File** button next to **Business** to upload business.csv.

Note

User can either upload both the **Person** and **Business** files or proceed to upload them one at a time.

3. Select the **Notification Date** and click **Upload**.

Note

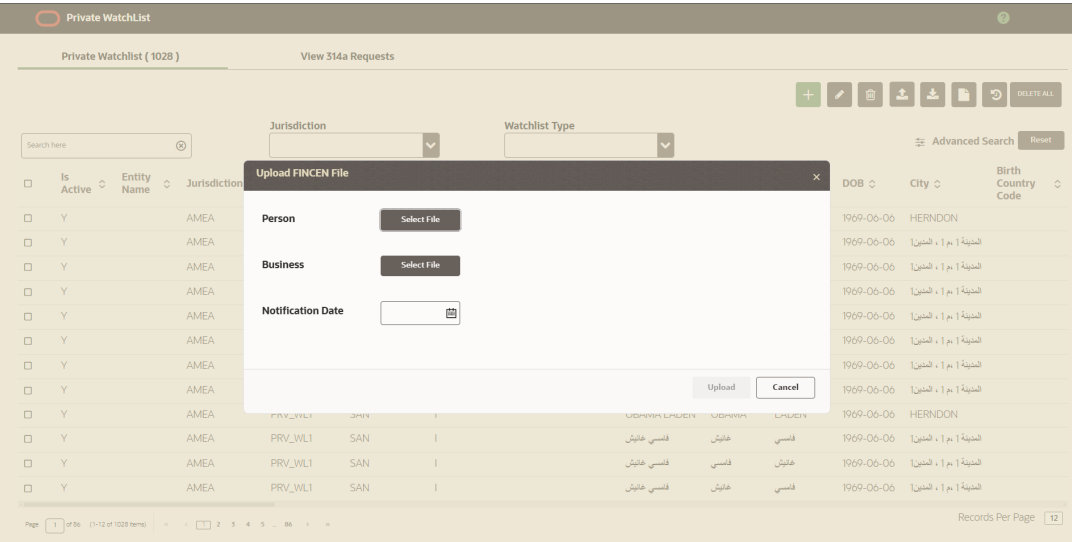
Notification Date and either of the file selection is mandatory for the **Upload** button to enable.

Notification Date and either of the file selection is mandatory for the **Upload** button to enable.

On submission, the below validations will be performed and if successful, it will display the message that file upload is successful and refresh the Private List with uploaded records.

- a. Input Columns and Input Columns Order in the file header are validated.
- b. Mandatory Fields Data are validated.

Figure 1-5 Fincen File Upload



1.2.7 314a FinCEN File Upload

The 314a Request Tracking process is a critical component of the FinCEN File Upload workflow.

It ensures that the uploaded files are properly reviewed and approved through a Four-eye approval process before the records are included in the screening process. The entire process includes multiple levels of approvals and validations to maintain accuracy and compliance with FinCEN requirements.

Request Tracking in 314a Tab:

Once the file is uploaded, all approval requests are tracked in the 314a Requests Tab within the private watchlist section.

Figure 1-6 View 314a Requests

Private WatchList

Private Watchlist (2648)

View 314a Requests

Request Id	File Type	File Name	Uploaded User	Request Date	Fincen Notification Date	Request Status	
21	person	new_person.csv	appuser	2024-11-15 05:40:12	2024-11-15 05:30:00	Pending for Approval	...
22	business	Business (1).csv	appuser	2024-11-15 05:40:14	2024-11-15 05:30:00	Pending for Approval	...

Page 1 of 1 (1-2 of 2 items)

Take Action

Download

This tab allows users to:

- **Download** and review requests for accuracy and validate the file contents.
- **Take Action (Approve or Reject)** at each stage of the approval process.

Figure 1-7 Take Action Window

Take Action

Request Id: 22

Request Status: Pending for Approval

Action

Approve

Reject

Submit

Cancel

Request Actions:

- **Approve:** Once the request is approved by a user at any stage, the request moves to the next level (e.g., Manager to Supervisor).
- **Reject:** If the request is rejected at any stage, the request is on hold, and the uploaded file is excluded from further processing.

Four-Eye Approval Process

The Four-Eye approval process involves two levels of review (Supervisor and Manager) to ensure that all FinCEN file uploads undergo a thorough and compliant review before inclusion in the screening process.

Workflow Overview

The approval process for a FinCEN file upload follows a two level workflow:

1. Operator
2. Supervisor

Operator (Uploader):

The operator uploads the FinCEN file to the system. Once the file is uploaded, a request for approval is automatically generated and sent to the Manager for review.

Supervisor (Final Approval):

The Supervisor provides the final approval for the records to be included in the screening process. Only after the final approval, the records will be visible in the private watchlist screen and become available for screening.

Note

The user groups are required to map to corresponding roles to users are given below.

- **Operator:** 314AOPERATOR
- **Manager:** 314AMANAGER
- **Supervisor:** 314ASUPERVISOR

Validation Rules:

Number of predefined validations are enforced during the file upload process to align with FinCEN's biweekly notification norms.

The validations rules:

- If a request is pending approval and the notification date falls within the last 14 days from the current notification date, no new uploads are permitted until the current request is approved or rejected.
- If the request was uploaded within the last 14 days, no new uploads are permitted until the current request is either approved or rejected.

Manager Review:

The request is sent to the Manager for initial review and approval. If approved, the request moves to the Supervisor for further review.

Supervisor Review:

The Supervisor performs a secondary check. After the final approval, the records are added to the private watchlist screen, ready for screening.

Note

For the following search fields, **Data Type** and **Character Length** information can be found in the Field Specification Guide on the [MOS](#) page.

Table 1-1 List of fields for Person FinCEN File

Record Name	Description	Mandatory Field	Matching attribute	Accepted Values
Last Name	Enter The Last Name.	Yes	Yes	-
First Name	Enter The First Name.	Yes	Yes	-
Middle Name	Enter the Middle Name.	-	-	-

Table 1-1 (Cont.) List of fields for Person FinCEN File

Record Name	Description	Mandatory Field	Matching attribute	Accepted Values
Suffix	Enter Suffix.	-	-	-
Alias Last Name	Enter the Alias Last Name.	-	-	-
Alias First Name	Enter the First Name.	-	-	-
Alias Middle Name	Enter the Alias Middle Name.	-	-	-
Alias Suffix	Enter Alias Suffix	-	-	-
Number	Enter the number used to identify the individual.	-	Yes	-
Number Type	Enter the document used to identify the individual.	-	-	The following identification types are accepted: • Passport • SSN/ITIN • EIN • TIN • Driver's License
DOB	Enter the individual date of birth.	-	Yes	-
Street	Enter the Street Name.	-	-	-
City	Enter the city where the individual resides or the state in which the entity is registered.	-	Yes	-
State	Enter the state where the individual resides or the state in which the entity is registered.	-	-	-
ZIP	Enter the Country ZIP code.	-	-	-
Country	Enter the code of the country where the individual resides	-	Yes	ISO2 country codes configured in the master data in the Oracle Financial Services Customer Screening Cloud application are accepted.
Phone	Enter the Phone Number.	-	-	-
Electronic Address	Enter the email, IP address or website address for the private watchlist records. Note: This field is used as a matching attribute for 314a screening .	-	Yes	-

Table 1-1 (Cont.) List of fields for Person FinCEN File

Record Name	Description	Mandatory Field	Matching attribute	Accepted Values
Electronic Address Type	Select the list of address types from the drop-down list to include information about email IP address and Websites. Note: This field is applicable for Individuals and Entities on the 314a Watchlist only.	-	-	The list of following values are accepted: - Secure E-Mail Address - Internet Protocol Address - E-Mail Address - Web Site Address - IP Address
Tracking Number	Enter the Tracking Number. Note: This field is applicable for Individuals and Entities on the 314a Watchlist only.	Yes	-	-

Table 1-2 List of fields for the Business FinCEN File

Record Name	Description	Mandatory Field	Matching attribute	Character Length	Data Type	Accepted Values
Business Name	Enter The Business Name.	Yes	Yes	250	String	-
DBA Name	Enter The Doing Business as or Trading business Name.	-	-	4000	String	-
Number	Enter the number used to identify the entity.	-	Yes	100	String	-
Number Type	Enter the document used to identify the entity.	-	-	500	String	The following identification types are accepted: - Passport - SSN/ITIN - EIN - TIN - Driver's License
Incorporated	Enter the Incorporated.	-	-	500	-	-
Street	Enter the Street Name.	-	-	4000	String	-

Table 1-2 (Cont.) List of fields for the Business FinCEN File

Record Name	Description	Mandatory Field	Matching attribute	Character Length	Data Type	Accepted Values
City	Enter the city where the entity is registered.	-	Yes	1000	String	-
State	Enter the state which the entity is registered.	-	-	1000	String	-
ZIP	Enter the Country ZIP code.	-	-	100	String	-
Country	Enter the code of the country where the entity is registered.	-	Yes	1000	ISO2 Country Code	ISO2 country codes configured in the master data in the Oracle Financial Services Customer Screening Cloud application are accepted.
Phone	Enter the Phone Number.	-	-	100	String	-
Electronic Address	Enter the email, IP address or website address for the private watchlist records. Note: This field is used as a matching attribute for 314a screening .	-	Yes	4000	String	-
Electronic Address Type	Select the list of address types from the drop-down list to include information about email IP address and Websites. Note: This field is applicable for Individuals and Entities on the 314a Watchlist only.	-	-	512	String	The list of following values are accepted: - Secure E-Mail Address - Internet Protocol Address - E-Mail Address - Web Site Address - IP Address

Table 1-2 (Cont.) List of fields for the Business FinCEN File

Record Name	Description	Mandatory Field	Matching attribute	Character Length	Data Type	Accepted Values
Tracking Number	Enter the Tracking Number. Note: This field is applicable for Individuals and Entities on the 314a Watchlist only.	Yes	-	4000	Alphanumeric	-

1.2.8 Fincen Audit History

Click the **Fincen Audit History** icon and a popup will be displayed.

It will include the following components:

1. Uploaded From Date, Uploaded To Date, Uploaded User, and Request ID filters.
2. Search and Reset button.
The Audit History data is displayed in a grid.

Audit History Data Column description are as follows:

- **User Name:** User who initiated the file upload
 - **Type:** Person or Business
 - **File Name:** Name of the File
 - **Rows Count:** Total numbers of records in the file
 - **Record Count:** Total number of records resulted into after grouping
 - **Uploaded Date:** Uploaded Date
 - **Upload Status:** Success/Fail
 - **Tracking Numbers:** List of tracking numbers from the uploaded file
3. Download icon.
The data in the grid is downloaded as an Excel file.

Figure 1-8 Fincen Audit History

FINCEN Audit History

×

Search

Uploaded From Date

Uploaded To Date

Uploaded User

Request Id

Search

Reset

Download

Request Id	User Name	Type	File Name	Rows Count	Record C
0	appuser	Business	Business (2)	0	0
0	appuser	Person	new_person	0	0
2	appuser	business	Business (2)	144	119
2	appuser	business	Business (2)	144	0
2	appuser	business	Business (2)	144	0

Page 1 of 3 (1-5 of 15 items)

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1.3 Synonym Management

Synonyms are words that are similar to the data being screened and support matching by increasing match scores where data is equivalent. For example:

- 1st and FIRST
- Alex and Alexander

Stop words are words that must not be considered for screening and are filtered out during matching. For example, Mr or Ms. Both these values are displayed in the Synonyms grid in the Alias Values column.

The following menus are available:

- Organization Numbers - the values in this menu are considered for synonym matching.
For example: one, 1st, first.
- Country Synonyms - the values in this menu are considered for synonym matching.
For example: UAE, United Arab Emirates, AE.
- Individual Gender - the values in this menu are considered as stop words.
For example: Baron, Baroness, Count, Countess, His, Her.
- Organization Strip Words (shortened) - the values in this menu are considered as stop words.
For example: &, FIN, corp.
- Organization Suffix (acronym) - the values in this menu are considered as stop words.
For example: Org, ORG, Inc., Pvt.

- Individual Name Synonyms - the values in this menu are considered for synonym matching.
For example: Aaliyah, Aliya, Aliyah.
- Individual Title - the values in this menu are considered as stop words.
For example: Sheikh, Mr, Ms, Mrs, Admiral.
- Individual Name Strip Words (shortened) - the values in this menu are considered as stop words.
For example: al, el, bin.
- Organization Business Word (common business words that are considered during the scoring process) - the values in this menu are considered as stop words.
For example: Banking, Shipping.
- Organization stopwords - the values in this menu are considered as stop words.
For example: Finance, Corporation, Incorporated.

There are two ways to add synonyms and stop words:

1. Add a record using the **Synonym** window. When you add a new record, it appears on the **Synonyms** grid. To add a record, follow these steps:
 - a. Click **Add**  to open the **Add Aliases** window.
 - b. Enter values for the fields. See [Table 1-3](#).
 - c. Click **Save** to save the record.
2. To add or edit synonyms and stop word records in bulk, export the Synonyms list, add values in the applicable columns, or add a new row and provide values in the applicable columns, and upload the file. You cannot change the structure of the file. To add synonyms and stop words using the predefined file, follow these steps:

 Note

Do not change the watch list ID for an existing record.

- a. Click **Export**  to download all synonyms or stop words in the selected menu. Enter the values in the required columns and save the file.
- b. Enter the values in the required columns and save the file.
- c. Click **Import** . The file is uploaded and the records are displayed on the **Synonyms** grid. Follow the same steps to edit watch list data using the template.

You can also export all ready-to-use synonyms or stop words by clicking **Export All** . The synonyms and stop words are exported as a file.

Table 1-3 Search fields for Synonyms

Record Name	Description
Alias Values	Enter the alias value. You can provide multiple values separated by commas. For example: one, ONE, 1.

Synonyms configuration in Indexes

Use the following Analyzer types in the Index Json file under Index Management to utilize the below synonyms as per the business requirements.

Table 1-4 Analyzer Types

Synonym Menu	Analyzer Type
Organization Numbers	organization
Country Synonyms	address
Individual Gender	gender
Organization Strip Words	organization
Organization Suffix	organization
Individual Name Synonyms	name or namestop
Individual Title	name or namestop
Individual Name Strip Words	namestop
Organization stopwords	organization_strip

Example:

If we want to use Country Synonyms for Country Name under Prohibited Country Watchlist, then edit the Country List's index json and change the analyzerType of particular attribute ("name" : "v_country_name") to address.

Figure 1-9 Edit Index JSON

The screenshot shows a table of indices with columns for Name, Index Name, Record Count, Status, and Edit/Delete icons. The 'Country List' index is selected. An 'Edit Index JSON' dialog box is open, displaying the following JSON configuration:

```
{
  "autoMerge": true,
  "indexLogicalName": "Prohibited Country Watchlist",
  "indexBusinessName": "Country List",
  "indexKeyAttribute": "v_record_id",
  "loadType": "FullLoad",
  "shards": 3,
  "replicas": 4,
  "attributes": [ {
    "name": "v_country_name",
    "type": "text",
    "similarity": "boolean",
    "analyzerType": "address",
    "searchAnalyzerType": "min",
    "fields": [ ]
  } ]
}
```

The 'analyzerType' field is highlighted with a red box. The dialog box also includes 'Validate', 'Save', and 'Cancel' buttons at the bottom.

Validate and save the json, then run the corresponding watchlist batch to reflect the changes.

In the above example, watchlist batch is **CountryWatchlistLoad**.

1.3.1 Edit the Record

To edit Synonym record, follow these steps:

1. Select the check box in line with the record you want to edit.
2. Click **Edit** to open the Add Aliases window.
3. Edit the required fields.
4. Click **Save** to save the record.

1.4 Index Management

The Index Management page allows Administrators to verify that the correct watchlist index data has been moved into OpenSearch for screening and managing these files.

You can select whether to enable specific watch list files for screening and view basic details for the watch list, including the number of records available for screening and the JSON file for the index file.

To manage watch list index files, follow these steps:

- Open the Index Management page by selecting Index Management under Watchlist Management in the Navigation menu. The index Management page displays a list of available watchlists with the Index Name and number of records included for screening.
 - Selecting Enable indicates that the watch list records are available for screening.
 - Selecting Disable indicates that these watch list records will not be screened.

Note

The Customer file (fcc_customer_index) is mandatory and must always be enabled.

Note

The External Entity Transactions file (fcc_transaction_ee_index) is required for screening external entities that was part of a transaction.

- Click Index JSON  to view the JSON file details associated with this watch list. You can edit the JSON in this window.

Note

The hyphen (-), dot (.), apostrophe ('), ampersand (&), tilde (~), comma (,), semicolon (;), parentheses (()) along with all accented characters are the special characters that are supported as part of the matching Engine. These characters are replaced by white spaces.

1. Click Validate to verify that your edits to the JSON are valid.

2. Click Save to update the JSON or click Cancel to close without saving your changes.

- Click Delete  to delete the watch list index. To add the watch list again after deleting, you must run a batch. For more information about how to run batches, see [Batch Execution](#).

Following are the sample JSON responses:

Sample 1:

```
{
  "schemaName": "",
  "tableName": "FCC_WL_EUROPEAN_UNION_V",
  "filterCondition": "1=1",
  "indexName": "fcc_idx_european_union",
  "indexAlias": "idx_european_union",
  "indexLogicalName": "Watchlist",
  "indexBusinessName": "European Union",
  "indexKeyAttribute": "n_uid",
  "loadType": "FullLoad",
  "shards": 1,
  "replicas": 3,
  "attributes": [
    {
      "name": "v_given_name",
      "type": "text",
      "similarity": "boolean",
      "analyzerType": "name",
      "fields": []
    },
    {
      "name": "v_family_name",
      "type": "text",
      "similarity": "boolean",
      "analyzerType": "namestop",
      "fields": []
    },
    {
      "name": "v_full_name",
      "type": "text",
      "similarity": "boolean",
      "analyzerType": "name",
      "fields": []
    },
    {
      "name": "v_aliases_given_name",
      "type": "text",
      "similarity": "boolean",
      "analyzerType": "namestop",
      "fields": []
    },
    {
      "name": "v_aliases_family_name",
      "type": "text",
      "similarity": "boolean",

```

```

        "analyzerType": "name",
        "fields": []
    },
    {
        "name": "v_entity_name",
        "type": "text",
        "similarity": "boolean",
        "analyzerType": "organization",
        "fields": []
    },
    {
        "name": "v_entity_name_bus_strip",
        "type": "text",
        "similarity": "boolean",
        "analyzerType": "organization",
        "fields": []
    },
    {
        "name": "v_original_script_name",
        "type": "text",
        "similarity": "boolean",
        "analyzerType": "name",
        "fields": []
    },
    {
        "name": "v_date_of_births",
        "type": "text",
        "similarity": "boolean",
        "analyzerType": "date",
        "fields": []
    },
    {
        "name": "v_passports",
        "type": "text",
        "similarity": "boolean",
        "analyzerType": "name",
        "fields": []
    },
    {
        "name": "v_ssn",
        "type": "text",
        "similarity": "boolean",
        "analyzerType": "name",
        "fields": []
    },
    {
        "name": "v_identification_numbers",
        "type": "text",
        "similarity": "boolean",
        "analyzerType": "name",
        "fields": []
    },
    {
        "name": "v_city",
        "type": "text",
        "similarity": "boolean",

```



```

        "analyzerType": "address",
        "fields": []
    },
    {
        "name": "v_country",
        "type": "text",
        "similarity": "boolean",
        "analyzerType": "address",
        "fields": []
    },
    {
        "name": "v_nationality",
        "type": "text",
        "similarity": "boolean",
        "analyzerType": "address",
        "fields": []
    },
    {
        "name": "v_residence",
        "type": "text",
        "similarity": "boolean",
        "analyzerType": "address",
        "fields": []
    },
    {
        "name": "v_yob",
        "type": "text",
        "similarity": "boolean",
        "analyzerType": "name",
        "fields": []
    },
    {
        "name": "v_min_yob",
        "type": "integer",
        "similarity": "boolean",
        "fields": []
    },
    {
        "name": "v_max_yob",
        "type": "integer",
        "similarity": "boolean",
        "fields": []
    },
    {
        "name": "v_address",
        "type": "text",
        "similarity": "boolean",
        "analyzerType": "address",
        "fields": []
    },
    {
        "name": "v_aliases",
        "type": "text",
        "similarity": "boolean",
        "analyzerType": "name",
        "fields": []
    }

```

```

    },
    {
      "name": "v_gender",
      "type": "text",
      "similarity": "boolean",
      "analyzerType": "gender",
      "fields": []
    },
    {
      "name": "v_place_of_birth",
      "type": "text",
      "similarity": "boolean",
      "analyzerType": "address",
      "fields": []
    },
    {
      "name": "v_title",
      "type": "text",
      "similarity": "boolean",
      "analyzerType": "gender",
      "fields": []
    }
  ],
  "customAnalyzer": [],
  "customFilter": [],
  "customCharFilter": [],
  "customTokenizer": [],
  "others": [
    "n_wl_skey",
    "n_run_skey",
    "v_wl_sub_type",
    "v_wl_type",
    "v_entity_type",
    "n_uid",
    "v_occupation",
    "d_load_date",
    "n_eu_ref_num"
  ],
  "replaceCharFields": [
    {
      "name": "v_full_name",
      "charArray": ["-", "'", ""],
      "replaceWith": [" ", ""]
    },
    {
      "name": "v_family_name",
      "charArray": ["-", "'", ""],
      "replaceWith": [" ", ""]
    },
    {
      "name": "v_given_name",
      "charArray": ["-", "'", ""],
      "replaceWith": [" ", ""]
    },
    {
      "name": "v_entity_name",

```

```

        "charArray": ["-.", "'", "&", "()"],
        "replaceWith": [" ", "", "and", " "]
    },
    {
        "name": "v_entity_name_bus_strip",
        "charArray": ["-.", "'", "&", "()"],
        "replaceWith": ["", "", "and", " "]
    },
    {
        "name": "v_original_script_name",
        "charArray": ["-.", ""],
        "replaceWith": [" ", ""]
    },
    {
        "name": "v_country",
        "charArray": ["-.", ""],
        "replaceWith": [" ", ""]
    },
    {
        "name": "v_address",
        "charArray": ["-.", ""],
        "replaceWith": [" ", ""]
    },
    {
        "name": "v_aliases_given_name",
        "charArray": ["-.", ""],
        "replaceWith": [" ", ""]
    },
    {
        "name": "v_aliases_family_name",
        "charArray": ["-.", ""],
        "replaceWith": [" ", ""]
    },
    {
        "name": "v_aliases",
        "charArray": ["-.", ""],
        "replaceWith": [" ", ""]
    }
],
"replaceEmptyFields": [],
"translateFields": [
    "v_family_name",
    "v_given_name",
    "v_full_name",
    "v_aliases_family_name",
    "v_aliases_given_name",
    "v_aliases"
]
}

```

Sample 2:

```

{
    "schemaName": "",
    "tableName": "FCC_WL_HMT_V",

```

```

"filterCondition": "1=1",
"indexName": "fcc_idx_hmt",
"indexAlias": "idx_hmt",
"indexLogicalName": "Watchlist",
"indexBusinessName": "HM Treasury",
"indexKeyAttribute": "n_uid",
"loadType": "FullLoad",
"shards": 1,
"replicas": 3,
"attributes": [
  {
    "name": "v_given_name",
    "type": "text",
    "similarity": "boolean",
    "analyzerType": "name",
    "fields": []
  },
  {
    "name": "v_family_name",
    "type": "text",
    "similarity": "boolean",
    "analyzerType": "namestop",
    "fields": []
  },
  {
    "name": "v_full_name",
    "type": "text",
    "similarity": "boolean",
    "analyzerType": "name",
    "fields": []
  },
  {
    "name": "v_aliases_given_name",
    "type": "text",
    "similarity": "boolean",
    "analyzerType": "namestop",
    "fields": []
  },
  {
    "name": "v_aliases_family_name",
    "type": "text",
    "similarity": "boolean",
    "analyzerType": "name",
    "fields": []
  },
  {
    "name": "v_entity_name",
    "type": "text",
    "similarity": "boolean",
    "analyzerType": "organization",
    "fields": []
  },
  {
    "name": "v_entity_name_bus_strip",
    "type": "text",
    "similarity": "boolean",

```

```

        "analyzerType": "organization",
        "fields": []
    },
    {
        "name": "v_original_script_name",
        "type": "text",
        "similarity": "boolean",
        "analyzerType": "name",
        "fields": []
    },
    {
        "name": "v_alias_quality",
        "type": "text",
        "similarity": "boolean",
        "analyzerType": "name",
        "fields": []
    },
    {
        "name": "v_name_non_latin_script",
        "type": "text",
        "similarity": "boolean",
        "analyzerType": "name",
        "fields": []
    },
    {
        "name": "v_date_of_births",
        "type": "text",
        "similarity": "boolean",
        "analyzerType": "date",
        "fields": []
    },
    {
        "name": "d_uk_sanction_list_designated",
        "type": "text",
        "similarity": "boolean",
        "analyzerType": "date",
        "fields": []
    },
    {
        "name": "v_passports",
        "type": "text",
        "similarity": "boolean",
        "analyzerType": "name",
        "fields": []
    },
    {
        "name": "v_ssn",
        "type": "text",
        "similarity": "boolean",
        "analyzerType": "name",
        "fields": []
    },
    {
        "name": "v_identification_numbers",
        "type": "text",
        "similarity": "boolean",

```

```

        "analyzerType": "name",
        "fields": []
    },
    {
        "name": "v_city",
        "type": "text",
        "similarity": "boolean",
        "analyzerType": "address",
        "fields": []
    },
    {
        "name": "v_country",
        "type": "text",
        "similarity": "boolean",
        "analyzerType": "address",
        "fields": []
    },
    {
        "name": "v_nationality",
        "type": "text",
        "similarity": "boolean",
        "analyzerType": "address",
        "fields": []
    },
    {
        "name": "v_residence",
        "type": "text",
        "similarity": "boolean",
        "analyzerType": "address",
        "fields": []
    },
    {
        "name": "v_yob",
        "type": "text",
        "similarity": "boolean",
        "analyzerType": "name",
        "fields": []
    },
    {
        "name": "v_min_yob",
        "type": "integer",
        "similarity": "boolean",
        "fields": []
    },
    {
        "name": "v_max_yob",
        "type": "integer",
        "similarity": "boolean",
        "fields": []
    },
    {
        "name": "n_passport_number",
        "type": "integer",
        "similarity": "boolean",
        "fields": []
    }
},

```

```

    {
      "name": "v_address",
      "type": "text",
      "similarity": "boolean",
      "analyzerType": "address",
      "fields": []
    },
    {
      "name": "v_aliases",
      "type": "text",
      "similarity": "boolean",
      "analyzerType": "name",
      "fields": []
    },
    {
      "name": "v_gender",
      "type": "text",
      "similarity": "boolean",
      "analyzerType": "gender",
      "fields": []
    },
    {
      "name": "v_place_of_birth",
      "type": "text",
      "similarity": "boolean",
      "analyzerType": "address",
      "fields": []
    },
    {
      "name": "v_title",
      "type": "text",
      "similarity": "boolean",
      "analyzerType": "gender",
      "fields": []
    }
  ],
  "customAnalyzer": [],
  "customFilter": [],
  "customCharFilter": [],
  "customTokenizer": [],
  "others": [
    "n_wl_skey",
    "n_run_skey",
    "v_wl_sub_type",
    "v_wl_type",
    "v_entity_type",
    "n_uid",
    "v_occupation",
    "d_last_updated",
    "d_listed_on",
    "d_load_date",
    "v_address_1",
    "v_address_2",
    "v_address_3",
    "v_address_4",
    "v_address_5",

```

```

        "v_alias_type",
        "v_country_of_birth",
        "v_name_1",
        "v_name_2",
        "v_name_3",
        "v_name_4",
        "v_name_5",
        "v_name_6",
        "v_other_information",
        "v_post_zip_code",
        "v_regime",
        "v_town_of_birth",
        "v_non_latin_script_type",
        "v_non_latin_script_language",
        "v_ni_details"
    ],
    "replaceCharFields": [
        {
            "name": "v_full_name",
            "charArray": [
                "-.",
                ""
            ],
            "replaceWith": [
                " ",
                ""
            ]
        },
        {
            "name": "v_family_name",
            "charArray": [
                "-.",
                ""
            ],
            "replaceWith": [
                " ",
                ""
            ]
        },
        {
            "name": "v_given_name",
            "charArray": [
                "-.",
                ""
            ],
            "replaceWith": [
                " ",
                ""
            ]
        },
        {
            "name": "v_entity_name",
            "charArray": [
                "-.",
                "",
                "&"
            ]
        }
    ]
}

```



```

        "()"
    ],
    "replaceWith": [
        " ",
        "",
        "and",
        " "
    ]
},
{
    "name": "v_entity_name_bus_strip",
    "charArray": [
        "-.",
        ":",
        "&",
        "()"
    ],
    "replaceWith": [
        "",
        "",
        "and",
        " "
    ]
},
{
    "name": "v_original_script_name",
    "charArray": [
        "-.",
        ":",
        "&",
        "()"
    ],
    "replaceWith": [
        " ",
        ""
    ]
},
{
    "name": "v_country",
    "charArray": [
        "-.",
        ":",
        "&",
        "()"
    ],
    "replaceWith": [
        " ",
        ""
    ]
},
{
    "name": "v_address",
    "charArray": [
        "-.",
        ":",
        "&",
        "()"
    ],
    "replaceWith": [
        " ",
        ""
    ]
}

```

```

    },
    {
      "name": "v_aliases_given_name",
      "charArray": [
        "-.",
        ""
      ],
      "replaceWith": [
        " ",
        ""
      ]
    },
    {
      "name": "v_aliases_family_name",
      "charArray": [
        "-.",
        ""
      ],
      "replaceWith": [
        " ",
        ""
      ]
    },
    {
      "name": "v_aliases",
      "charArray": [
        "-.",
        ""
      ],
      "replaceWith": [
        " ",
        ""
      ]
    }
  ],
  "replaceEmptyFields": [],
  "translateFields": [
    "v_family_name",
    "v_given_name",
    "v_full_name",
    "v_aliases_family_name",
    "v_aliases_given_name",
    "v_aliases"
  ]
}

```

Sample 3:

```

{
  "schemaName": "",
  "tableName": "FCC_WL_OFAC_V",
  "filterCondition": "1=1",
  "indexName": "fcc_idx_ofac",
  "indexAlias": "idx_ofac",
  "indexLogicalName": "Watchlist",

```

```

"indexBusinessName": "Office Of Foreign Assets Control",
"indexKeyAttribute": "n_uid",
"loadType": "FullLoad",
"shards": 1,
"replicas": 3,
"attributes": [
  {
    "name": "v_given_name",
    "type": "text",
    "similarity": "boolean",
    "analyzerType": "name",
    "fields": []
  },
  {
    "name": "v_family_name",
    "type": "text",
    "similarity": "boolean",
    "analyzerType": "namestop",
    "fields": []
  },
  {
    "name": "v_full_name",
    "type": "text",
    "similarity": "boolean",
    "analyzerType": "name",
    "fields": []
  },
  {
    "name": "v_aliases_given_name",
    "type": "text",
    "similarity": "boolean",
    "analyzerType": "namestop",
    "fields": []
  },
  {
    "name": "v_aliases_family_name",
    "type": "text",
    "similarity": "boolean",
    "analyzerType": "namestop",
    "fields": []
  },
  {
    "name": "v_entity_name",
    "type": "text",
    "similarity": "boolean",
    "analyzerType": "organization",
    "fields": []
  },
  {
    "name": "v_entity_name_bus_strip",
    "type": "text",
    "similarity": "boolean",
    "analyzerType": "organization_strip",
    "fields": []
  }
]

```

```

        "name": "v_original_script_name",
        "type": "text",
        "similarity": "boolean",
        "analyzerType": "name",
        "fields": []
    },
    {
        "name": "v_date_of_births",
        "type": "text",
        "similarity": "boolean",
        "analyzerType": "date",
        "fields": []
    },
    {
        "name": "v_passports",
        "type": "text",
        "similarity": "boolean",
        "analyzerType": "name",
        "fields": []
    },
    {
        "name": "v_ssn",
        "type": "text",
        "similarity": "boolean",
        "analyzerType": "name",
        "fields": []
    },
    {
        "name": "v_identification_numbers",
        "type": "text",
        "similarity": "boolean",
        "analyzerType": "name",
        "fields": []
    },
    {
        "name": "v_city",
        "type": "text",
        "similarity": "boolean",
        "analyzerType": "address",
        "fields": []
    },
    {
        "name": "v_country",
        "type": "text",
        "similarity": "boolean",
        "analyzerType": "address",
        "fields": []
    },
    {
        "name": "v_nationality",
        "type": "text",
        "similarity": "boolean",
        "analyzerType": "address",
        "fields": []
    },
    {

```

```

        "name": "v_residence",
        "type": "text",
        "similarity": "boolean",
        "analyzerType": "address",
        "fields": []
    },
    {
        "name": "v_address",
        "type": "text",
        "similarity": "boolean",
        "analyzerType": "address",
        "fields": []
    },
    {
        "name": "v_gender",
        "type": "text",
        "similarity": "boolean",
        "analyzerType": "gender",
        "fields": []
    },
    {
        "name": "v_yob",
        "type": "text",
        "similarity": "boolean",
        "analyzerType": "name",
        "fields": []
    },
    {
        "name": "v_min_yob",
        "type": "integer",
        "similarity": "boolean",
        "fields": []
    },
    {
        "name": "v_max_yob",
        "type": "integer",
        "similarity": "boolean",
        "fields": []
    },
    {
        "name": "v_place_of_birth",
        "type": "text",
        "similarity": "boolean",
        "analyzerType": "address",
        "fields": []
    },
    {
        "name": "v_city_state_postalcode",
        "type": "text",
        "similarity": "boolean",
        "analyzerType": "address",
        "fields": []
    },
    {
        "name": "v_title",
        "type": "text",

```

```

        "similarity": "boolean",
        "analyzerType": "gender",
        "fields": []
    }
],
"customAnalyzer": [],
"customFilter": [],
"customCharFilter": [],
"customTokenizer": [],
"others": [
    "v_aliases",
    "v_wl_sub_type",
    "v_wl_type",
    "v_entity_type",
    "n_uid",
    "n_wl_skey",
    "v_occupation"
],
"replaceCharFields": [
    {
        "name": "v_full_name",
        "charArray": ["-.", ""],
        "replaceWith": [" ", ""]
    },
    {
        "name": "v_family_name",
        "charArray": ["-.", ""],
        "replaceWith": [" ", ""]
    },
    {
        "name": "v_given_name",
        "charArray": ["-.", ""],
        "replaceWith": [" ", ""]
    },
    {
        "name": "v_entity_name",
        "charArray": ["-.", "", "&", "()"],
        "replaceWith": [" ", "", "and", " "]
    },
    {
        "name": "v_entity_name_bus_strip",
        "charArray": ["-.", "", "&", "()"],
        "replaceWith": ["", "", "and", " "]
    },
    {
        "name": "v_original_script_name",
        "charArray": ["-.", ""],
        "replaceWith": [" ", ""]
    },
    {
        "name": "v_country",
        "charArray": ["-.", ""],
        "replaceWith": [" ", ""]
    },
    {
        "name": "v_address",

```

```

        "charArray": ["-.", ""],
        "replaceWith": [" ", ""]
    },
    {
        "name": "v_aliases_given_name",
        "charArray": ["-.", ""],
        "replaceWith": [" ", ""]
    },
    {
        "name": "v_aliases_family_name",
        "charArray": ["-.", ""],
        "replaceWith": [" ", ""]
    },
    {
        "name": "v_aliases",
        "charArray": ["-.", ""],
        "replaceWith": [" ", ""]
    }
],
"replaceEmptyFields": [],
"translateFields": [
    "v_family_name",
    "v_given_name",
    "v_full_name",
    "v_aliases_family_name",
    "v_aliases_given_name",
    "v_aliases"
]
}

```

Sample 4:

```

{
    "schemaName": "",
    "tableName": "FCC_WL_UN_V",
    "filterCondition": "1=1",
    "indexName": "fcc_idx_un",
    "indexAlias": "idx_un",
    "indexLogicalName": "Watchlist",
    "indexBusinessName": "United Nations",
    "indexKeyAttribute": "n_uid",
    "loadType": "FullLoad",
    "shards": 1,
    "replicas": 3,
    "attributes": [
        {
            "name": "v_given_name",
            "type": "text",
            "similarity": "boolean",
            "analyzerType": "name",
            "fields": []
        },
        {
            "name": "v_family_name",
            "type": "text",

```

```

        "similarity": "boolean",
        "analyzerType": "namestop",
        "fields": []
    },
    {
        "name": "v_full_name",
        "type": "text",
        "similarity": "boolean",
        "analyzerType": "name",
        "fields": []
    },
    {
        "name": "v_aliases_given_name",
        "type": "text",
        "similarity": "boolean",
        "analyzerType": "namestop",
        "fields": []
    },
    {
        "name": "v_aliases_family_name",
        "type": "text",
        "similarity": "boolean",
        "analyzerType": "name",
        "fields": []
    },
    {
        "name": "v_entity_name",
        "type": "text",
        "similarity": "boolean",
        "analyzerType": "organization",
        "fields": []
    },
    {
        "name": "v_entity_name_bus_strip",
        "type": "text",
        "similarity": "boolean",
        "analyzerType": "organization",
        "fields": []
    },
    {
        "name": "v_original_script_name",
        "type": "text",
        "similarity": "boolean",
        "analyzerType": "name",
        "fields": []
    },
    {
        "name": "v_date_of_births",
        "type": "text",
        "similarity": "boolean",
        "analyzerType": "date",
        "fields": []
    },
    {
        "name": "v_passports",
        "type": "text",

```



```

        "similarity": "boolean",
        "analyzerType": "name",
        "fields": []
    },
    {
        "name": "v_ssn",
        "type": "text",
        "similarity": "boolean",
        "analyzerType": "name",
        "fields": []
    },
    {
        "name": "v_identification_numbers",
        "type": "text",
        "similarity": "boolean",
        "analyzerType": "name",
        "fields": []
    },
    {
        "name": "v_city",
        "type": "text",
        "similarity": "boolean",
        "analyzerType": "address",
        "fields": []
    },
    {
        "name": "v_country",
        "type": "text",
        "similarity": "boolean",
        "analyzerType": "address",
        "fields": []
    },
    {
        "name": "v_nationality",
        "type": "text",
        "similarity": "boolean",
        "analyzerType": "address",
        "fields": []
    },
    {
        "name": "v_residence",
        "type": "text",
        "similarity": "boolean",
        "analyzerType": "address",
        "fields": []
    },
    {
        "name": "v_yob",
        "type": "text",
        "similarity": "boolean",
        "analyzerType": "name",
        "fields": []
    },
    {
        "name": "v_min_yob",

```

```

        "type": "integer",
        "similarity": "boolean",
        "fields": []
    },
    {
        "name": "v_max_yob",
        "type": "integer",
        "similarity": "boolean",
        "fields": []
    },
    {
        "name": "v_address",
        "type": "text",
        "similarity": "boolean",
        "analyzerType": "address",
        "fields": []
    },
    {
        "name": "v_aliases",
        "type": "text",
        "similarity": "boolean",
        "analyzerType": "name",
        "fields": []
    },
    {
        "name": "v_gender",
        "type": "text",
        "similarity": "boolean",
        "analyzerType": "gender",
        "fields": []
    },
    {
        "name": "v_place_of_birth",
        "type": "text",
        "similarity": "boolean",
        "analyzerType": "address",
        "fields": []
    },
    {
        "name": "v_title",
        "type": "text",
        "similarity": "boolean",
        "analyzerType": "gender",
        "fields": []
    }
],
"customAnalyzer": [],
"customFilter": [],
"customCharFilter": [],
"customTokenizer": [],
"others": [
    "n_wl_skey",
    "n_run_skey",
    "v_wl_sub_type",
    "v_wl_type",
    "v_entity_type",

```

```

        "n_uid",
        "v_occupation",
        "v_address_note",
        "v_address_state_province",
        "v_address_zipcode",
        "v_alias_city_of_birth",
        "v_alias_country_of_birth",
        "v_alias_dob",
        "v_alias_note",
        "v_alias_quality",
        "v_city_of_issue",
        "v_comments",
        "v_country_of_issue",
        "v_date_of_issue",
        "v_designation",
        "v_dob_note",
        "v_document_note",
        "v_from_year",
        "v_issuing_country",
        "v_last_day_updated",
        "v_listed_on",
        "v_list_type_value",
        "v_place_of_birth_note",
        "v_reference_number",
        "v_sort_key",
        "v_sort_key_last_mod",
        "v_street",
        "v_submitted_on",
        "v_to_year",
        "v_type_of_date",
        "v_type_of_document",
        "v_type_of_document2",
        "v_un_list_type",
        "v_versionnum",
        "v_year"
    ],
    "replaceCharFields": [
        {
            "name": "v_full_name",
            "charArray": ["-.", ""],
            "replaceWith": [" ", ""]
        },
        {
            "name": "v_family_name",
            "charArray": ["-.", ""],
            "replaceWith": [" ", ""]
        },
        {
            "name": "v_given_name",
            "charArray": ["-.", ""],
            "replaceWith": [" ", ""]
        },
        {
            "name": "v_entity_name",
            "charArray": ["-.", "", "&", "()", " "],
            "replaceWith": [" ", "", "and", " "]
        }
    ]

```

```

    },
    {
      "name": "v_entity_name_bus_strip",
      "charArray": ["-.", "'", "&", "()"],
      "replaceWith": ["", "", "and", " "]
    },
    {
      "name": "v_original_script_name",
      "charArray": ["-.", "'", ""],
      "replaceWith": [" ", ""]
    },
    {
      "name": "v_country",
      "charArray": ["-.", "'", ""],
      "replaceWith": [" ", ""]
    },
    {
      "name": "v_address",
      "charArray": ["-.", "'", ""],
      "replaceWith": [" ", ""]
    },
    {
      "name": "v_aliases_given_name",
      "charArray": ["-.", "'", ""],
      "replaceWith": [" ", ""]
    },
    {
      "name": "v_aliases_family_name",
      "charArray": ["-.", "'", ""],
      "replaceWith": [" ", ""]
    },
    {
      "name": "v_aliases",
      "charArray": ["-.", "'", ""],
      "replaceWith": [" ", ""]
    }
  ],
  "replaceEmptyFields": [],
  "translateFields": [
    "v_family_name",
    "v_given_name",
    "v_full_name",
    "v_aliases_family_name",
    "v_aliases_given_name",
    "v_aliases"
  ]
}

```

Sample 5:

```

{
  "schemaName": "",
  "tableName": "FCC_WL_WC_PREMIUM_V",
  "filterCondition": "1=1",
  "indexName": "fcc_idx_wc_premium",

```

```

"indexAlias": "idx_wc_premium",
"indexLogicalName": "Watchlist",
"indexBusinessName": "World Check Premium",
"indexKeyAttribute": "n_uid",
"loadType": "FullLoad",
"shards": 1,
"replicas": 3,
"attributes": [
  {
    "name": "v_given_name",
    "type": "text",
    "similarity": "boolean",
    "analyzerType": "name",
    "fields": []
  },
  {
    "name": "v_family_name",
    "type": "text",
    "similarity": "boolean",
    "analyzerType": "name",
    "fields": []
  },
  {
    "name": "v_full_name",
    "type": "text",
    "similarity": "boolean",
    "analyzerType": "name",
    "fields": []
  },
  {
    "name": "v_aliases_given_name",
    "type": "text",
    "similarity": "boolean",
    "analyzerType": "namestop",
    "fields": []
  },
  {
    "name": "v_aliases_family_name",
    "type": "text",
    "similarity": "boolean",
    "analyzerType": "namestop",
    "fields": []
  },
  {
    "name": "v_entity_name",
    "type": "text",
    "similarity": "boolean",
    "analyzerType": "organization",
    "fields": []
  },
  {
    "name": "v_entity_name_bus_strip",
    "type": "text",
    "similarity": "boolean",
    "analyzerType": "organization_strip",
    "fields": []
  }
]

```

```

    },
    {
      "name": "v_original_script_name",
      "type": "text",
      "similarity": "boolean",
      "analyzerType": "name",
      "fields": []
    },
    {
      "name": "v_date_of_births",
      "type": "text",
      "similarity": "boolean",
      "analyzerType": "date",
      "fields": []
    },
    {
      "name": "v_passports",
      "type": "text",
      "similarity": "boolean",
      "analyzerType": "name",
      "fields": []
    },
    {
      "name": "v_ssn",
      "type": "text",
      "similarity": "boolean",
      "analyzerType": "name",
      "fields": []
    },
    {
      "name": "v_identification_numbers",
      "type": "text",
      "similarity": "boolean",
      "analyzerType": "name",
      "fields": []
    },
    {
      "name": "v_city",
      "type": "text",
      "similarity": "boolean",
      "analyzerType": "address",
      "fields": []
    },
    {
      "name": "v_country",
      "type": "text",
      "similarity": "boolean",
      "analyzerType": "address",
      "fields": []
    },
    {
      "name": "v_nationality",
      "type": "text",
      "similarity": "boolean",
      "analyzerType": "address",
      "fields": []
    }
  ]
}

```

```

    },
    {
      "name": "v_residence",
      "type": "text",
      "similarity": "boolean",
      "analyzerType": "address",
      "fields": []
    },
    {
      "name": "v_address",
      "type": "text",
      "similarity": "boolean",
      "analyzerType": "address",
      "fields": []
    },
    {
      "name": "v_alternative_spelling",
      "type": "text",
      "similarity": "boolean",
      "analyzerType": "name",
      "fields": []
    },
    {
      "name": "v_gender",
      "type": "text",
      "similarity": "boolean",
      "analyzerType": "gender",
      "fields": []
    },
    {
      "name": "v_yob",
      "type": "text",
      "similarity": "boolean",
      "analyzerType": "name",
      "fields": []
    },
    {
      "name": "v_min_yob",
      "type": "integer",
      "similarity": "boolean",
      "fields": []
    },
    {
      "name": "v_max_yob",
      "type": "integer",
      "similarity": "boolean",
      "fields": []
    },
    {
      "name": "v_place_of_birth",
      "type": "text",
      "similarity": "boolean",
      "analyzerType": "address",
      "fields": []
    },
    {

```

```

        "name": "v_title",
        "type": "text",
        "similarity": "boolean",
        "analyzerType": "gender",
        "fields": []
    },
    {
        "name": "v_low_quality_aliases",
        "type": "text",
        "similarity": "boolean",
        "analyzerType": "name",
        "fields": []
    }
],
"customAnalyzer": [],
"customFilter": [],
"customCharFilter": [],
"customTokenizer": [],
"others": [
    "v_aliases",
    "v_wl_sub_type",
    "v_wl_type",
    "v_entity_type",
    "n_uid",
    "n_wl_skey",
    "v_occupation",
    "n_run_skey"
],
"replaceCharFields": [
    {
        "name": "v_full_name",
        "charArray": ["-.", ""],
        "replaceWith": [" ", ""]
    },
    {
        "name": "v_family_name",
        "charArray": ["-.", ""],
        "replaceWith": [" ", ""]
    },
    {
        "name": "v_given_name",
        "charArray": ["-.", ""],
        "replaceWith": [" ", ""]
    },
    {
        "name": "v_entity_name",
        "charArray": ["-.", "", "&", "()", "and", " "],
        "replaceWith": [" ", " ", "and", " "]
    },
    {
        "name": "v_entity_name_bus_strip",
        "charArray": ["-.", "", "&", "()", "and", " "],
        "replaceWith": [" ", " ", "and", " "]
    },
    {
        "name": "v_original_script_name",

```



```

        "charArray": ["-.", ""],
        "replaceWith": [" ", ""]
    },
    {
        "name": "v_country",
        "charArray": ["-.", ""],
        "replaceWith": [" ", ""]
    },
    {
        "name": "v_address",
        "charArray": ["-.", ""],
        "replaceWith": [" ", ""]
    },
    {
        "name": "v_aliases_given_name",
        "charArray": ["-.", ""],
        "replaceWith": [" ", ""]
    },
    {
        "name": "v_aliases_family_name",
        "charArray": ["-.", ""],
        "replaceWith": [" ", ""]
    },
    {
        "name": "v_aliases",
        "charArray": ["-.", ""],
        "replaceWith": [" ", ""]
    }
],
"replaceEmptyFields": [],
"translateFields": [
    "v_family_name",
    "v_given_name",
    "v_full_name",
    "v_aliases_family_name",
    "v_aliases_given_name",
    "v_aliases"
]
}

```

Sample 6:

```

{
    "schemaName": "",
    "tableName": "FCC_WL_WC_STANDARD_V",
    "filterCondition": "1=1",
    "indexName": "fcc_idx_wc_standard",
    "indexAlias": "idx_wc_standard",
    "indexLogicalName": "Watchlist",
    "indexBusinessName": "World Check Standard",
    "indexKeyAttribute": "n_uid",
    "loadType": "FullLoad",
    "shards": 1,
    "replicas": 3,
    "attributes": [

```

```

{
  "name": "v_given_name",
  "type": "text",
  "similarity": "boolean",
  "analyzerType": "name",
  "fields": []
},
{
  "name": "v_family_name",
  "type": "text",
  "similarity": "boolean",
  "analyzerType": "name",
  "fields": []
},
{
  "name": "v_full_name",
  "type": "text",
  "similarity": "boolean",
  "analyzerType": "name",
  "fields": []
},
{
  "name": "v_aliases_given_name",
  "type": "text",
  "similarity": "boolean",
  "analyzerType": "namestop",
  "fields": []
},
{
  "name": "v_aliases_family_name",
  "type": "text",
  "similarity": "boolean",
  "analyzerType": "namestop",
  "fields": []
},
{
  "name": "v_entity_name",
  "type": "text",
  "similarity": "boolean",
  "analyzerType": "organization",
  "fields": []
},
{
  "name": "v_entity_name_bus_strip",
  "type": "text",
  "similarity": "boolean",
  "analyzerType": "organization_strip",
  "fields": []
},
{
  "name": "v_original_script_name",
  "type": "text",
  "similarity": "boolean",
  "analyzerType": "name",
  "fields": []
},

```

```

{
  "name": "v_date_of_births",
  "type": "text",
  "similarity": "boolean",
  "analyzerType": "date",
  "fields": []
},
{
  "name": "v_passports",
  "type": "text",
  "similarity": "boolean",
  "analyzerType": "name",
  "fields": []
},
{
  "name": "v_ssn",
  "type": "text",
  "similarity": "boolean",
  "analyzerType": "name",
  "fields": []
},
{
  "name": "v_identification_numbers",
  "type": "text",
  "similarity": "boolean",
  "analyzerType": "name",
  "fields": []
},
{
  "name": "v_city",
  "type": "text",
  "similarity": "boolean",
  "analyzerType": "address",
  "fields": []
},
{
  "name": "v_country",
  "type": "text",
  "similarity": "boolean",
  "analyzerType": "address",
  "fields": []
},
{
  "name": "v_nationality",
  "type": "text",
  "similarity": "boolean",
  "analyzerType": "address",
  "fields": []
},
{
  "name": "v_residence",
  "type": "text",
  "similarity": "boolean",
  "analyzerType": "address",
  "fields": []
},
},

```

```

    {
      "name": "v_address",
      "type": "text",
      "similarity": "boolean",
      "analyzerType": "address",
      "fields": []
    },
    {
      "name": "v_alternative_spelling",
      "type": "text",
      "similarity": "boolean",
      "analyzerType": "name",
      "fields": []
    },
    {
      "name": "v_gender",
      "type": "text",
      "similarity": "boolean",
      "analyzerType": "gender",
      "fields": []
    },
    {
      "name": "v_yob",
      "type": "text",
      "similarity": "boolean",
      "analyzerType": "name",
      "fields": []
    },
  ],
  {
    "name": "v_min_yob",
    "type": "integer",
    "similarity": "boolean",
    "fields": []
  },
  {
    "name": "v_max_yob",
    "type": "integer",
    "similarity": "boolean",
    "fields": []
  },
  {
    "name": "v_place_of_birth",
    "type": "text",
    "similarity": "boolean",
    "analyzerType": "address",
    "fields": []
  },
  {
    "name": "v_title",
    "type": "text",
    "similarity": "boolean",
    "analyzerType": "gender",
    "fields": []
  }
],
"customAnalyzer": [],

```

```

"customFilter": [],
"customTokenizer": [],
"customCharFilter": [],
"others": [
  "v_aliases",
  "v_wl_sub_type",
  "v_wl_type",
  "v_entity_type",
  "n_uid",
  "n_wl_skey",
  "v_occupation",
  "n_run_skey"
],
"replaceCharFields": [
  {
    "name": "v_full_name",
    "charArray": ["-.", ""],
    "replaceWith": [" ", ""]
  },
  {
    "name": "v_family_name",
    "charArray": ["-.", ""],
    "replaceWith": [" ", ""]
  },
  {
    "name": "v_given_name",
    "charArray": ["-.", ""],
    "replaceWith": [" ", ""]
  },
  {
    "name": "v_entity_name",
    "charArray": ["-.", "", "&", "()"],
    "replaceWith": [" ", "", "and", " "]
  },
  {
    "name": "v_entity_name_bus_strip",
    "charArray": ["-.", "", "&", "()"],
    "replaceWith": [" ", "", "and", " "]
  },
  {
    "name": "v_original_script_name",
    "charArray": ["-.", ""],
    "replaceWith": [" ", ""]
  },
  {
    "name": "v_country",
    "charArray": ["-.", ""],
    "replaceWith": [" ", ""]
  },
  {
    "name": "v_address",
    "charArray": ["-.", ""],
    "replaceWith": [" ", ""]
  },
  {
    "name": "v_aliases_given_name",

```

```

        "charArray": ["-.", ""],
        "replaceWith": [" ", ""]
    },
    {
        "name": "v_aliases_family_name",
        "charArray": ["-.", ""],
        "replaceWith": [" ", ""]
    },
    {
        "name": "v_aliases",
        "charArray": ["-.", ""],
        "replaceWith": [" ", ""]
    }
],
"replaceEmptyFields": [],
"translateFields": [
    "v_family_name",
    "v_given_name",
    "v_full_name",
    "v_aliases_family_name",
    "v_aliases_given_name",
    "v_aliases"
]
}

```

1.5 Prohibited Country Watchlist

Instructions for adding Country Watchlist records.

There are two ways to add Country Watchlist records.

1. Add a record using the **Prohibited Country Watchlist** window. . To add Country Watchlist records follow the subsequent steps:
 - a. From the Navigation List, click **Watchlist Management**.
 - b. From the Navigation List, click **Prohibited Country Watchlist**. The Country Watchlist Screen displays.
 - c. Click **Add** .
 - d. Enter values for the following fields in the **Add Country Watchlist** window
 - e. Click **Save** to save the record.

When you add a new record, it appears on the Country Watchlist grid.

2. To add or edit Country Watchlist records in bulk, export the Country Watchlist, add values in the applicable columns, or add a new row and provide values in the applicable columns, and upload the file. You cannot change the structure of the file.

To add watch list data using the template, follow these steps:

- a. Click **Import**  to download the template in the .xls format.
- b. Enter the values in the required columns and save the file.
- c. Click **Export** . The file is uploaded and the records are displayed on the Country Watchlist grid.

Follow the same steps to edit watch list data using the template.

Table 1-5 Search fields for Country Watchlist

Record Name	Description	Character Length
Country Name	Enter the name of 'Prohibited country' (e.g.: Afghanistan)	100
ISO Country Code	Enter the ISO Country Code (e.g.: AF)	7
ISO3 Country Code	Enter the ISO3 Country Code (e.g.: AFG)	7
Country Synonyms	Enter the country synonyms or alternate names (e.g.: Islamic Republic of Afghanistan)	100
Data Source	Enter the data source from which prohibited country is identified	1000
Risk Score	Enter the risk score associated with prohibited country	0

1.5.1 Edit the Record

To edit a Identifier Watchlist record, follow these steps:

1. Select the check box in line with the record you want to edit.
2. Click **Edit** to open the **Add Country Watchlist** window.
3. Edit the required fields.

1.5.2 Prohibited Country Audit History

The Audit History  feature provides a detailed log of all changes made to the Prohibited Country list.

To see the Prohibited Country Audit history follow these steps:

1. Click the **Prohibited Country Audit History**  icon and a pop-up will be displayed.

Expand the **Search**, It will include the following components:

- a. Uploaded From Date, Uploaded To Date, Uploaded By, Record ID, and Country Name filters.
 - b. Search and Reset button.
- The Audit History data is displayed in a grid.

The Audit History Data Column description are as follows:

- **Updated Date & Time:** The Prohibited Country updated date and time.
- **Watchlist Type:** Watchlist Type
- **Record ID:** An unique identification number for the prohibited country.
- **Country Name:** Name of the country
- **Action:** An action performed to the watchlist. For example: Add, Edit, or Delete.
- **Field Name:** Modified field name.

- **Previous Value:** Before modified field value.
 - **New Value:** After modified field value.
 - **Updated By:** Field value modified role.
- c. Download icon.
The data in the grid is downloaded as an Excel file.

Figure 1-10 Prohibited Country Audit History

Audit History

Search

Updated From Date

Updated To Date

Updated By

Record ID

Country Name

Search

Reset

Updated Date & Time	Watchlist Type	Record ID	Country Name
2025-01-28 17:18:40	COUNTRY	1	Democratic People
2025-01-28 12:43:29	COUNTRY	11	Mali
2025-01-28 12:42:32	COUNTRY	11625145	Mali New
2025-01-28 12:40:54	COUNTRY	11625145	Mali New
2025-01-28 12:40:23	COUNTRY	11	Mali

Page 1 of 16 (1-5 of 76 items)

1 2 3 4 5 ... 16

1.6 Stop Keywords Watchlist

Instructions for adding Stop Keywords Watchlist records.

There are two ways to add Stop Keywords records.

1. Add a record using the **Stop Keywords Watchlist** window. When you add a new record, it appears on the **Stop Keywords Watchlist** grid. To add Identifier Watchlist records follow the subsequent steps:
 - a. From the Navigation List, click **Watchlist Management**.
 - b. From the Navigation List, click **Stop Keywords Watchlist**. The Stop Keywords Watchlist Screen displays.
 - c. Click **Add** .
 - d. Enter values for the following fields in the **Add Identifier Watch List** window
 - e. Click **Save** to save the record.

2. To add or edit Stop Keywords Watchlist records in bulk, export the Stop Keywords Watchlist, add values in the applicable columns, or add a new row and provide values in the applicable columns, and upload the file. You cannot change the structure of the file.

To add watch list data using the template, follow these steps:

- a. Click **Export**  to download the template.
- b. Enter the values in the required columns and save the file.
- c. Click **Import** . The file is uploaded and the records are displayed on the Stop Keywords Watchlist grid.

Follow the same steps to edit watch list data using the template.

Table 1-6 Search fields for Stop Keywords Watchlist

Record Name	Description
Stop Keywords	Enter the stop keyword.
Type	Enter the type/category of the keyword

1.6.1 Edit the Record

To edit a Identifier Watchlist record, follow these steps:

1. Select the check box in line with the record you want to edit.
2. Click **Edit** to open the **Add Stop Keywords Watchlist** window.
3. Edit the required fields.

A

List of Synonyms

List of synonyms used in Synonyms Management.

Synonyms are words that are similar to the data being screened and support matching by increasing match scores where data is equivalent. Following synonyms are listed in this section:

- [Table A-1](#)
- [Table A-2](#)
- [Table A-3](#)

Table A-1 Countries and Country Codes

Country	Country Code
ANDORRA	AD, AND
UNITED ARAB EMIRATES	AE, ARE
AFGHANISTAN	AF, AFG
ANTIGUA and BARBUDA	AG, ATG
ANGUILLA	AI, AIA
ALBANIA	AL, ALB
ARMENIAN REPUBLIC	AM, ARM
ANGOLA	AO, AGO
ANTARCTICA	AQ, ATA
ARGENTINA	AR, ARG
AMERICAN SAMOA	AS, ASM
AUSTRIA	AT, AUT
AUSTRALIA	AU, AUS
ARUBA	AW, ABW
ALAND ISLANDS	AX, ALA
AZERBAIDZHAN	AZ, AZE
BOSNIA AND HERZEGOVINA	BA, BIH
BARBADOS	BB, BRB
BANGLADESH	BD, BGD
BELGIUM	BE, BEL
BURKINA FASO	BF, BFA
BULGARIA	BG, BGR
BAHRAIN	BH, BHR
BURUNDI	BI, BDI
BENIN	BJ, BEN
SAINT BARTHELEMY	BL, BLM
BERMUDA	BM, BMU
BRUNEI	BN, BRN
BOLIVIA	BO, BOL

Table A-1 (Cont.) Countries and Country Codes

Country	Country Code
BONAIRE	BQ, BES
BRAZIL	BR, BRA
BAHAMAS	BS, BHS
BHUTAN	BT, BTN
BOUVET ISLAND	BV, BVT
BOTSWANA	BW, BWA
BELARUS	BY, BLR
BELIZE	BZ, BLZ
CANADA	CA, CAN
COCOS (KEELING) ISLANDS	CC, CCK
CONGO REPUBLIC	CD, COD
CENTRAL AFRICAN REPUBLIC	CF, CAF
CONGO	CG, COG
SWITZERLAND	CH, CHE
COTE D IVOIRE	CI, CIV
COOK ISLANDS	CK, COK
CHILE	CL, CHL
CAMEROON	CM, CMR
CHINA	CN, CHN
COLOMBIA	CO, COL
COSTA RICA	CR, CRI
CUBA	CU, CUB
CABO VERDE	CV, CPV
CURACAO	CW, CUW
CHRISTMAS ISLAND	CX, CXR
TURKISH REPUBLIC OF NORTHERN CYPRUS	CY, CYP
CZECH REPUBLIC	CZ, CZE
GERMANY	DE, DEU
DJIBOUTI	DJ, DJI
DENMARK	DK, DNK
DOMINICA	DM, DMA
DOMINICAN REPUBLIC	DO, DOM
ALGERIA	DZ, DZA
ECUADOR	EC, ECU
ESTONIA	EE, EST
EGYPT	EG, EGY
WESTERN SAHARA	EH, ESH
ERITREA	ER, ERI
SPAIN	ES, ESP
ETHIOPIA	ET, ETH
FINLAND	FI, FIN
FIJI	FJ, FJI
FALKLAND ISLANDS (MALVINAS)	FK, FLK

Table A-1 (Cont.) Countries and Country Codes

Country	Country Code
MICRONESIA	FM, FSM
FAEROE ISLANDS	FO, FRO
FRANCE	FR, FRA
GABON	GA, GAB
ENGLAND	GB, GBR
GRENADA	GD, GRD
GEORGIA	GE, GEO
FRENCH GUIANA	GF, GUF
GUERNSEY	GG, GGY
GHANA	GH, GHA
GIBRALTAR	GI, GIB
GREENLAND	GL, GRL
GAMBIA	GM, GMB
GUINEA	GN, GIN
GUADELOUPE	GP, GLP
EQUATORIAL GUINEA	GQ, GNQ
GREECE	GR, GRC
SOUTH GEORGIA AND SOUTH SANDWICH ISLANDS	GS, SGS
GUATEMALA	GT, GTM
GUAM	GU, GUM
GUINEA-BISSAU	GW, GNB
GUYANA	GY, GUY
HONG KONG	HK, HKG
HEARD AND MCDONALD ISLANDS	HM, HMD
HONDURAS	HN, HND
CROATIA	HR, HRV
HAITI	HT, HTI
HUNGARY	HU, HUN
INDONESIA	ID, IDN
IRELAND	IE, IRL
ISRAEL	IL, ISR
ISLE OF MAN	IM, IMN
INDIA	IN, IND
BRITISH INDIAN OCEAN TERRITORY	IO, IOT
IRAQ	IQ, IRQ
IRAN	IR, IRN
ICELAND	IS, ISL
ITALY	IT, ITA
JERSEY	JE, JEY
JAMAICA	JM, JAM
JORDAN	JO, JOR
JAPAN	JP, JPN

Table A-1 (Cont.) Countries and Country Codes

Country	Country Code
KENYA	KE, KEN
KYRGYZSTAN	KG, KGZ
CAMBODIA	KH, KHM
KIRIBATI	KI, KIR
UNION OF THE COMOROS	KM, COM
SAINT KITTS and NEVIS	KN, KNA
NORTH KOREA	KP, PRK
SOUTH KOREA	KR, KOR
KUWAIT	KW, KWT
CAYMAN ISLANDS	KY, CYM
KAZAKHSTAN	KZ, KAZ
LAOS	LA, LAO
LEBANON	LB, LBN
SAINT LUCIA	LC, LCA
LIECHTENSTEIN	LI, LIE
SRI LANKA	LK, LKA
LIBERIA	LR, LBR
LESOTHO	LS, LSO
LITHUANIA	LT, LTU
LUXEMBOURG	LU, LUX
LATVIA	LV, LVA
LIBYA	LY, LBY
MOROCCO	MA, MAR
MONACO	MC, MCO
MOLDOVA	MD, MDA
MONTENEGRO	ME, MNE
ST. MARTIN	MF, MAF
MADAGASCAR	MG, MDG
MARSHALL ISLANDS	MH, MHL
MACEDONIA	MK, MKD
MALI	ML, MLI
MYANMAR	MM, MMR
MONGOLIA	MN, MNG
MACAU	MO, MAC
NORTHERN MARIANA ISLANDS	MP, MNP
MARTINIQUE	MQ, MTQ
MAURITANIA	MR, MRT
MONTSERRAT	MS, MSR
MALTA	MT, MLT
MAURITIUS	MU, MUS
MALDIVES	MV, MDV
MALAWI	MW, MWI
MEXICO	MX, MEX

Table A-1 (Cont.) Countries and Country Codes

Country	Country Code
MALAYSIA	MY, MYS
MOZAMBIQUE	MZ, MOZ
NAMIBIA	NA, NAM
NEW CALEDONIA	NC, NCL
NIGER	NE, NER
NORFOLK ISLAND	NF, NFK
NIGERIA	NG, NGA
NICARAGUA	NI, NIC
NETHERLANDS	NL, NLD
NORWAY	NO, NOR
NEPAL	NP, NPL
NAURU	NR, NRU
NIUE	NU, NIU
NEW ZEALAND	NZ, NZL
OMAN	OM, OMN
PANAMA	PA, PAN
PERU	PE, PER
FRENCH POLYNESIA	PF, PYF
PAPUA NEW GUINEA	PG, PNG
PHILIPPINES	PH, PHL
PAKISTAN	PK, PAK
POLAND	PL, POL
SAINT PIERRE AND MIQUELON	PM, SPM
PITCAIRN	PN, PCN
PUERTO RICO	PR, PRI
PALESTINE	PS, PSE
PORTUGAL	PT, PRT
PALAU	PW, PLW
PARAGUAY	PY, PRY
QATAR	QA, QAT
REUNION	RE, REU
ROMANIA	RO, ROU
SERBIA	RS, SRB
RUSSIAN FEDERATION	RU, RUS
RWANDA	RW, RWA
SAUDI ARABIA	SA, SAU
SOLOMON ISLANDS	SB, SLB
SEYCHELLES	SC, SYC
SUDAN	SD, SDN
SWEDEN	SE, SWE
SINGAPORE	SG, SGP
SAINT HELENA	SH, SHN
SLOVENIA	SI, SVN

Table A-1 (Cont.) Countries and Country Codes

Country	Country Code
SVALBARD AND JAN MAYEN	SJ, SJM
SLOVAKIA	SK, SVK
SIERRA LEONE	SL, SLE
SAN MARINO	SM, SMR
SENEGAL	SN, SEN
SOMALIA	SO, SOM
SURINAME	SR, SUR
SOUTH SUDAN	SS, SSD
SAO TOME AND PRINCIPE	ST, STP
EL SALVADOR	SV, SLV
SINT MAARTEN (DUTCH PART)	SX, SXM
SYRIA	SY, SYR
SWAZILAND	SZ, SWZ
TURKS AND CAICOS ISLANDS	TC, TCA
CHAD	TD, TCD
FRENCH SOUTHERN TERRITORIES	TF, ATF
TOGO	TG, TGO
THAILAND	TH, THA
TAJIKISTAN	TJ, TJK
TOKELAU	TK, TKL
TIMOR-LESTE	TL, TLS
TURKMENISTAN	TM, TKM
TUNISIA	TN, TUN
TONGA	TO, TON
TURKEY	TR, TUR
TRINIDAD AND TOBAGO	TT, TTO
TUVALU	TV, TUV
TAIWAN	TW, TWN
TANZANIA	TZ, TZA
UKRAINE	UA, UKR
UGANDA	UG, UGA
UNITED STATES MINOR OUTLYING ISLANDS	UM, UMI
UNITED STATES	US, USA
URUGUAY	UY, URY
UZBEKISTAN	UZ, UZB
HOLY SEE	VA, VAT
SAINT VINCENT AND THE GRENADINES	VC, VCT
VENEZUELA	VE, VEN
VIRGIN ISLANDS	VG, VGB
VIRGIN ISLANDS	VI, VIR
SOUTH VIETNAM	VN, VNM
VANUATU	VU, VUT
WALLIS AND FUTUNA ISLANDS	WF, WLF

Table A-1 (Cont.) Countries and Country Codes

Country	Country Code
SAMOA	WS, WSM
YEMEN	YE, YEM
MAYOTTE	YT, MYT
SOUTH AFRICA	ZA, ZAF
ZAMBIA	ZM, ZMB
ZIMBABWE	ZW, ZWE

Table A-2 Cardinal Order

Ordinal number	Synonym
1	one, 1st, first
2	two, 2nd, second
3	three, 3rd, third
4	four, 4th, fourth
5	five, 5th, fifth
6	six, 6th, sixth
7	seven, 7th, seventh
8	eight, 8th, eighth
9	nine, 9th, ninth
10	ten, 10th, tenth
11	eleven, 11th, eleventh
12	twelve, 12th, twelfth
13	thirteen, 13th, thirteenth
14	fourteen, 14th, fourteenth
15	fifteen, 15th, fifteenth
16	sixteen, 16th, sixteenth
17	seventeen, 17th, seventeenth
18	eighteen, 18th, eighteenth
19	nineteen, 19th, nineteenth
20	twenty, 20th, twentieth

Table A-3 Name synonyms

Synonym
Aaliyah, Aliya, Aliyah
Aaron, Aron, Arron
Abigail, Abigail, Abigale
Abbass, Abass, Abbas, Abbes
Abdul Al Din, Abd Al Din, Abdul Din
Abduallah, Abd Al Illah, Abd Allah, Abd el Allah, Abd-al-ilah, Abd-alla, Abd-allah, Abdalah, Abdalla, Abdallah, Abdel Allah, Abdi'elah, Abdielah, Abdolah, Abdollah, Abdoulaah, Abdoulah, Abdu Allah, Abdul Allah, Abdul Lah, Abdul-Lah, Abdulallah, Abdulla, Abdullah, Abudlallah

Table A-3 (Cont.) Name synonyms

Synonym
Abdul, Abd Al, Abd Al Al, Abd Ar, Abd El, Abd-al, Abd-el, Abdal, Abdel, Abdel Al, Abdil, Abdle, Abdol, Abdoul, Abdul Abdul, Abdul Al, Abdul Al Al
Abdulmenem, Abd-Elmenaim, Abdul Monem, Abdulmunim
Abdalassis, Abdelaziz, Abd Elaziz, Abdi'aziz, Abdoulaziz, Abduaziz, Abdulaziz, Abdul Aziz, Abulaziz
Abdulkareem, Abdalkareem, Abdalkarim, Abd Alkarim, Abdalkrim, Abdelkarim, Abdolkareem, Abdulkariem, Abdulkarim, Abdul Karim
Abdekader, Abdelgader, Abdelgadir, Abdelkader, Abdelkadir, Abdelqader, Abdelqadir, Abdulgader, Abdulgadir, Abdulkader, Abdulkadir, Abdulkader, Abdulkadir, Abdul Qadir
AbdelBagi, Abdelbaki, Abdelbaqui, Abdalbaki, Abdul Baki, Abdulbaqi
Abdellatif, Abdulatif, Abdullatif, Abdul Latif
Abdelmadjid, Abdelmagid, Abdelmajid, Abdolmajid, Abdulmajeed, Abdulmajid, Abdul Majid
Abdelmalek, Abdelmalik, Abdulmalek, Abdulmalik, Abdul Malik
Abdelmohsin, Abdulmohsin, Abdul Mohsin
Abdelouahab, Abdelwahab, Abdelwaheb, Abdulwahab, Abdul Wahab
Abdulrazzaq, Abdelrazzak, Abdelrezak, Abderrazak, Abdlerazag, Abdulrazaq, Abdul Razaq, Abdurazaq, Abdurrazak
Abdulrahim, Abdelrehim, Abderahim, Abderrahim, Abdourahim, Abdourrahim, Abdul Rahim, Elrahem
Abdelsalam, Abdesalam, Abdeslam, Abdessalam, Abdulsalam, Abdul Salam, Abdusalam, Abdussalam
Abdenacer, Abdenaceur, Abdenasser, Abdulnassar, Abdul Nasser
Abderamane, Abderrahman, Abderrahmane, Abderrahmen, Abdirahman, Abdorahmen, Abdourahman, Abdourahmen, Abdulrahman, Abdul Rahman, Abdulramane, Abdurrahmen
Abdolreza, Abdoulreza, Abdulreza, Abdul Reza
Abdulrashid, Abdul Rashid
Abeedi, Aboudi, Obaidi, Obaidy, Obaydee, Obeidi, Oubaidi, Ubaidi, Ubaydi
Abo, Abou, Abu, Abu Abu
Aboubacar, Aboubaker, Aboubakr, Abubakar, Abubaker, Abu Bakr, Boubaker
Ada, Aida
Addin, Al Deen, Al-dein, Aldin, Al Din, Al-Din, Eddin, Ed Din, Eddine, Edin, Edine, El Al Din, Eldeen, El Deen, El-deen, El Dein, El-dein, Eldin, El Din, El-Din, El El Din, Oddin, Oddine, Uddeen, Ud-deen, Uddin, Ud-din, Uddine, U-deen, U-din
Adel, Adil
Adrain, Adrian
Adriane, Adrianne
Ahmad, Ahmadi, Ahmadu, Ahmat, Ahmed
Ayatollah, Aia allah, Ait Allah, Aitallh, Aya Allah
Aidan, Aiden
Aimee, Amy
Aisha, Isha
Ayssa, Aissa, Eessa, Eisa, Eissa, Esa, Essa, Eysa, Isa, Issa, Isse
Al Fadel, Alfadhel, Alfadil, Elfadil
Al Fassi, Elfassi
Al Mustafa, Elmostapha, Elmostofa
Al Naimi, Alnouami, Alnu'ami, Alnuami
Al Said, Alsaeed, Alsaid, Alsayed, Alsayyed, Asaaeid, Assaid, Elsaheed, Elsayyed
Al Samarai, Alsamaraie, Alsamarra'i, Alsamarraie, Assamarai

Table A-3 (Cont.) Name synonyms

Synonym
Al Tayyeb, Ettayeb
Al, Al Al, Al El, El, El El
Alah, Alla, Allah
Alameen, Alamin, Al Amin, Elamin, Lamine, Lemine
Alan, Allan, Allen
Alaryani, Aleryani, Aleyriani, Aliryani, Al Iryani
Alasad, Alassad, Al Assad
Albakee, Al Baki
Albalooshi, Albalushi, Al Balushi
Albert, Bert
Albousaidi, Albusaidi, Al Busaidi
Alchami, Alshamee, Alshami, Al Shami, Echami
Aldoassari, Aldosari, Al Dosari, Aldoseri, Aldousari
Aldouri, Al Douri, Alduri
Adulaimi, Al Dulaimi, Aldulaymi
Alicia, Alecia, Alesha, Alisha, Alycia
Aleissa, Alisa, Al Issa
Alex, Alexander, Sandy, Sasha, Xander
Alexandra, Alexandria, Alexandria
Alexis, Lexi, Lexie
Alfaisal, Al Faisal
Alfaki, Alfakih, Alfaqi, Alfaqih, Al Faqih
Alfonso, Alphonso
Algamal, Aljamal, Al Jamal
Alhadi, Al Hadi, Alhady, Elhadi
Alhamad, Al Hamad, Alhamed
Alhashemi, Alhashimi, Al Hashimi, Elhachemi, Lachemi
Alhassan, Al Hassan, Elhassan
Alhassani, Al Hassani
Ali, Ali Ali, Ali Ali Ali, Ally, Aly
Alireza, Ali Reza
Allison, Alison, Allyson, Alyson
Aljaburi, Aljubouri, Aljuburi, Al Juburi
Alkaabi, Alka'abi, Al Kaabi
Alkady, Alqadhi, Alqadi, Al Qadi
Alkawari, Al Kawari, Alkuwari
Alkhaleel, Alkhalil, Al Khalil
Alkhalifa, Al Khalifa, Alkhelfa
Alkhatib, Al Khatib
Alkodah, Alqudah, Al Qudah
Almahdi, Al Mahdi, Elmahdi
Almajali, Al Majali, Almajaly, Almjali
Almajid, Al Majid, Elmegid

Table A-3 (Cont.) Name synonyms

Synonym
Almalik, Al Malik
Almansouri, Al Mansouri, Almansuri, Elmansouri
Almari, Al Mari, Almarri, Almerri, Almrei
Almasree, Al Masree
Almasri, Al Masri
Almazroui, Al Mazroui
Almoalla, Almualla, Al Mualla
Almobarak, Almubarak, Al Mubarak, Almubarek
Almoussawi, Almusawi, Al Musawi
Alnahyan, Al Nahyan, Alnehayan, Alnuhayyan
Alobaid, Alobeid, Al Obeid
Alobaidi, Alobeidi, Al Obeidi, Alobidi, Alubaydi, Labidi
Alonso, Alonzo
Alqassimi, Al Qassimi
Alraibei, Alrubaie, Al Rubaie, Alrubay'i, Alrubayi
Alraoui, Alrawee, Alrawi, Al Rawi
Alrashed, Alrashid, Al Rashid, Errachid
Alsabah, Al Sabah
Alsaud, Al Saud
Alsharif, Al Sharif
Alsharqi, Al Sharqi
Alshaykh, Alsheikh, Al Sheikh
Alsowaidi, Alsuwaidi, Al Suwaidi, Alsuweidi
Altaeb, Al Tayyab, Eltayeb
Altahir, Al Tahir
Althani, Al Thani
Altikriti, Al Tikriti
Alwahab, Al Wahab, Elwahab
Alzaid, Al Zaid
Alzoubi, Alzu'bi, Alzu bi, Al Zubi, Azoubi, Azubi, Azzubi
Amanda, Mandy
Ameen, Amin, Amine
Ameer, Amer, Amir
Anna, Ana, Ann, Annabel, Anne, Annelise, Anny
Andrea, Andra
Andrew, Andy, Drew
Anette, Annette
Angelica, Angelika
Angus, Gus
Anika, Anneka
Anthony, Antony, Toney, Tony
Antoine, Antwan, Antwon
Antonia, Toni, Tonia, Tonja, Tonya

Table A-3 (Cont.) Name synonyms

Synonym
Araceli, Aracely
Archibald, Archie
Ariana, Ariane, Arianna
Arleen, Arlen, Arlene, Arlin, Arline
Armand, Armando
Arnold, Arn
Arnulf, Arnulfo
Arthur, Art, Arther,
Arvila, Arvilla
Aryani, Eriani, Eryani, Eyriani, Iryani
Asad, Assad
Ash, Ashlee, Ashleigh, Ashley, Ashly
Ashaikh, Asheikh, Cheik, Cheikh, Shaikh, Shayk, Shaykh, Sheekh, Sheik, Sheikh, Shikh
Ashlyn, Ashlynn
Aubree, Aubrey
Audrey, Audry
Austen, Austin, Austyn
Authman, Osman, Osmane, Othman, Othmane, Ottoman, Ousmane, Outhman, Outman, Usman, Uthaman, Uthman
Awad, Awadh, Awwad
Ayana, Ayanna
Bacar, Bakar, Baker, Bakir, Bakr
Bagi, Bakee, Baki, Baky, Baqi, Baqui
Bailee, Bailey
Balooshi, Baloushi, Baluchi, Balushi, Belooshi, Beloushi, Belushi
Barbara, Barb, Barbra
Barney, Barn, Barnabus, Barnaby, Bernie
Baron, Barron
Bayan, Brain, Brayan, Brayen, Brian, Bryan
Beatie, Beatrice, Beatriz, Beattie
Beau, Bo
Beck, Beckie, Becky, Rebeca, Rebecca, Rebekah
Ben, Benjamin, Bennie, Benno, Benny, Bin
Bencheikh, Bin Sheikh
Bencherif, Bin Sharif
Benedict, Benedikt
Benelkadi, Bin Al Qadi
Benmoussa, Bin Moussa
Bennacer, Bin Nasser
Benrached, Bin Rashid
Berhard, Bernard, Bernie
Elizabeth, Bess, Bessie, Beth, Betti, Betty, Bettye, Eliza, Elsbeth, Elizabeth, Elze, Libby, Liesbeth, Lisbeth, Liz, Lizabeth, Lizbeth, Lizzie

Table A-3 (Cont.) Name synonyms

Synonym
Bethanny, Bethany
Beverlee, Beverley, Beverly
William, Bill, Billy, Billye, Will, Willi, Willia, Willian, Willie, Willy
Birgit, Birgitt
Blache, Blanch, Blanche
Robert, Bob, Bobby, Bobbye, Rob, Robb, Robbie, Robby
Bobbi, Roberta
Bonnie, Bonny
Bousaidi, Busaidi, Busaidy
Bradley, Brad, Bradly
Ibrahim, Brahim, Ebraheem, Ebrahim, Ibraheem, Ibrahem, Ibrohim
Brandan, Branden, Brandon
Breana, Breanna, Breanne
Brendan, Brenden, Brendon
Brennan, Brennen, Brennon
Bret, Brett
Briana, Brianna, Brianne
Bridge, Bridget, Briget, Brigett, Brigitte
Britanni, Britannie, Britany, Brittany
Britney, Britni, Brittney, Brittni, Brittny
Brooklyn, Brooklyn
Buddie, Buddy
Burtrand, Burt
Cai, Choi, Choy, Tsai
Katelyn, Caitlin, Caitlyn, Caitlynn, Kaitlin, Kaitlyn, Kaitlynn, Katelin, Katelynn
Kayleigh, Caleigh, Kaleigh, Kaley, Kali, Kalie, Kay, Kaylee, Kayley, Kayli, Kaylie, Kyleigh
Cam, Cameron, Kamren, Kamron
Candace, Candice, Kandice, Kandy
Carol, Carole, Carrol
Caroline, Karoline, Karolyn
Carrie, Karie, Karri, Karrie
Cass, Cassandra, Cassie, Kasandra, Kassandra, Kassie
Cassidy, Kassidy
Cesca, Francesca, Franchesca, Francheska
Chami, Shamee, Shami
Chang, Cheung, Teo, Teoh, Zhang
Chantelle, Shantell
Charki, Cherki, Shareiqi, Sharki, Sharqi, Shreiqi, Shuraiqi, Shureiqi
Charleen, Charlene
Charles, Charlie, Chas
Charlotte, Lotte, Lottie, Lotty
Chelle, Macey, Maci, Macie, Michele, Michelle, Shell, Shelli, Shellie
Sherry, Cherie, Sheri, Sherie

Table A-3 (Cont.) Name synonyms

Synonym
Sheriff, Cherif, Chrif, Shareef, Sharief, Sharif, Sharrif, Sherief, Sherif
Cheryl, Sherrill, Sherryl, Sheryl
Christina, Chrissy, Kristina, Kristine, Krystina, Krystyna, Teena, Tena, Tina, Tine
Christopher, Kristofer, Kristoffer, Kristopher
Chu, Zhu
Ciara, Ciarra, Kiara, Kiarra
Cindy, Sindy
Claud, Claude
Corey, Korey, Kori
Crystal, Krystal, Krystle
Curt, Curtis, Curtiss, Kurtis
Cydney, Cydni, Sidney, Sydnie
Daen, Dean
Dakota, Dakotah
Dameon, Damian, Damien, Damion
Daniel, Dan, Danial, Danny
Dane, Dayne
Dani, Daniele, Danielle
Daniela, Daniella
Darci, Darcie, Darcy
Daren, Darren, Darron
Darian, Darien, Darion, Darrian, Darrien
Darleen, Darlene, Darline
Darrel, Darrell, Darryl, Daryl, Daryll
David, Dave, Davey, Davie, Davo, Davy
Dawri, Doori, Dory, Douri, Duri
Dawsari, Doassari, Dosari, Dosary, Doseri, Dossari, Dousari, Dousri, Doussari, Dusseri
Deana, Deanna, Deanne
Deb, Debbi, Debbie, Debbra, Debby, Debi, Debora, Deborah, Debra, Debrah
Dec, Declan
Dedric, Dedrick
Deen, Dein, Dien, Din, Dine
Deena, Dina, Dinah
Deirdra, Deirdre, Dierdra
Deja, Dejah
Delaimi, Dilaimi, Dulaimi, Dulaymi, Duleimi
Delia, Deliah
Delmar, Delmer
Delores, Deloris
Demarco, Demarcus
Demetris, Demetrius
Demi, Demmi, Demy
Denice, Denise, Denisse

Table A-3 (Cont.) Name synonyms

Synonym
Denis, Dennis
Denzel, Denzill
Deonte, Deontea
Derek, Derick, Derrick
Deshaun, Deshawn
Destany, Destiney, Destini, Destiny
Devan, Deven, Devin, Devon
Diane, Di, Dian, Diana, Diann, Dianna, Dianne
Dick, Dickie, Rich, Richard, Richie, Rick, Rickey, Rico, Rikki, Ritchey, Ritchie
Dillon, Dylan, Dylon
Djabar, Djaber, Djabir, Gabr, Gebr, Jabar, Jabbar, Jabber, Jaber, Jabir, Jabor, Jabr
Djabouri, Djibury, Jabburi, Jabouri, Jaburi, Jbouri, Jibouri, Jibury, Jubouri, Jubri, Juburi
Jamal, Djamal, Djamel, Gamal, Jamel, Jammal
Dollie, Dolly, Dolores, Doloris
Domenic, Dominic, Dominik
Dominique, Dominque, Domonique
Donald, Don
Donavon, Donovan
Dorothea, Dorothea, Dorothee, Dorothy, Dorthy, Dot
Doug, Dougie, Douglas, Douglass
Dwayne, Duane, Duwayne, Dwain, Dwaine, Dwane
Duke, Marmaduke
Earl, Earle
Earlene, Earline
Earnestine, Earnistine, Ernestine, Ernistine
Ebeid, Ebid, Ibeed, Obaid, Obead, Obeid, Ubaid, Ubayd, Ubeid
Eboni, Ebony
Eckard, Eckart, Eckehard, Eckhard, Eckhardt
Edward, Ed, Edd, Eddie, Eddy, Ted, Tedd, Teddy
Edie, Edith, Edyth, Edythe
Eduard, Eduardo
Edwin, Edwyn
Elaina, Elaine, Elayne, Ellaine
Elangeline, Evangelina
Elanor, Ele, Eleanor, Elenor, Elinor, Elle, Elli, Ellie, Nell, Nella, Nellie, Nelly
Elenora, Elenore
Eliau, Eliana, Elianna
Elisa, Elisabeth
Elise, Elyse
Elma, Elmar, Elmer
Elois, Eloisa, Eloise, Elouise
Elsayed, Sa d, Sa'id, Saaeed, Saed, Saeed, Saaid, Said, Saiid, Sayad, Sayd, Sayeed, Sayid, Sayyad, Sayyed, Sayyid, Seyyed, Syad, Syed, Syeed

Table A-3 (Cont.) Name synonyms

Synonym
Else, Elsie
Elvera, Elvia
Ema, Emma, Emmy
Emanuel, Emanuele, Emmanuel, Manu
Emely, Emilee, Emilie, Emilly, Emily, Millie, Milly
Emil, Emile
Eric, Erich, Erick, Erik
Ernie, Ern, Ernest, Erni
Erol, Errol
Ervin, Erwin, Irwin
Ismael, Esmail, Esmail, Isamil, Ishmael, Isma el, Isma il, Ismaeel, Ismail, Smail
Esmerelda, Esme
Essence, Essense, Essie
Esta, Ester, Estha, Esther
Eugen, Eugene
Eula, Eulalia
Eva, Eve, Iva
Everet, Everett, Everette
Evonne, Ivon, Ivone, Ivonne, Yvon, Yvone, Yvonne
Ezekeil, Ezekiel, Ezequiel
Fadel, Fadhal, Fadhel, Fadhil, Fadil
Fae, Fay, Faye, Fea
Fageah, Fageeh, Faki, Faqeeh, Faqi, Faqih
Fahad, Fahd, Fahed
Faisal, Faical, Faissal, Fassil, Faycal, Faysal, Faysel, Feisal, Fesal
Faysalhasan, Faisal Hassan
Fanni, Fannie, Fanny
Fatima, Fatma
Federico, Frederico
Felecia, Felicia, Felicita, Felisha
Florene, Florine, Flourene, Flourine
Forest, Forrest
Fran, Francis, Frank, Frankie
Franklin, Franklyn
Frederic, Frederick, Frederik, Fredric, Fredrick
Freeda, Frieda
Gabriela, Gabby, Gabi, Gabriele, Gabriella, Gabrielle, Gaby
Gabriel, Gabe
Gader, Gadir, Kader, Kadir, Qadar, Qadeer, Qader, Qadir
Gail, Gale, Gayle
Garath, Gareth
Garry, Gary, Gaz
Qaseem, Gasseem, Ghasem, Ghasim, Ghassem, Kasem, Kasseem, Qasem, Qasim, Qassem

Table A-3 (Cont.) Name synonyms

Synonym
Gaven, Gavin
Gdah, Kodah, Qadah, Qodhah, Quda, Qudah
Geena, Georgie, Georgina, Gina, Jeana
Geoffrey, Geoff
Geogiana, Georgianna
Geogianna, Georgiana
Geogrina, Georgrina
Geordie, Georg, George
Gerald, Gerrald, Gerry, Jerald, Jerold
Geraldine, Geri, Gerri
Gerhard, Gerhardt
Gertie, Gertraude, Gertrud, Gertrude
Gewndolyn, Gwen, Gwenda, Gwendolyn
Ghadhi, Kadhi, Kadi, Kady, Kahdi, Kazzi, Khadi, Khahdi, Qadhi, Qadi, Qazzi
Gholamreza, Gholam Reza
Gillian, Jill, Jillian
Ginny, Virginia
Glen, Glenn
Glenda, Glynda
Goh, Wu
Grace, Gracie
Graeme, Graham, Greame
Grechen, Greta, Gretchen, Grete
Greg, Gregg, Gregory, Gregory
Griselda, Zelda
Guo, Gwok, Kuo, Kwok
Gustav, Gustave
Hacene, Hasan, Hassan, Hassen
Hachemi, Hashemi, Hashimi
Hadi, Hady
Hailee, Hailey, Haleigh, Haley, Hali, Halie, Hallie, Haylee, Hayley, Haylie
Hamid, Hamad, Hamed, Hameed, Hammad, Hammed
Hammoud, Hammud, Hamood, Hamoud, Hamud, Hmood, Hmoud, Humoud, Humud
Hana, Hanah, Hanna, Hannah
Hariet, Hariett, Hariette, Harriet, Harriete, Harriett, Harriette, Hattie
Haris, Harris
Harry, Henri, Henry, Herny, Narry
Hossani, Hasani, Hassani, Hosni, Housani, Hussney
Hayward, Haywood
Heinhardt, Reinhart
Helen, Hellen
Henrick, Henrik, Henryk
Henrietta, Henriette

Table A-3 (Cont.) Name synonyms

Synonym
Herbert, Herb, Herbut, Hurbert, Hurburt
Herman, Hermann
Herschel, Hershel
Herta, Hertha
Hilary, Hillie, Hilly
Hilda, Hylda
Holli, Hollie, Holly
Hortencia, Hortensia
Husain, Hosayn, Hosein, Hoseyn, Hosian, Hossain, Hossein, Housen, Houssein, Houssine, Husayn, Husein, Hussain, Hussein, Hussien
Hoseinpur, Hoseynpur, Hosseinpur, Hussein Pour
Hsu, Tsui
Huang, Hwang, Wang, Wong
Hubert, Huburt
Iaian, Iain, Ian
Ikhalil, Kalil, Khaleel, Khalil, Khelil
Imogen, Imogene
Ines, Inez
Irvin, Irving
Isabel, Isabell, Isabella, Isabelle, Isobel, Izabella
Isaiah, Isiah, Iziah
Ivette, Yvette
Izzeddin, Izzeddin Al Din
Jacqueline, Jacalyn, Jackeline, Jackie, Jacklyn, Jacky, Jaclyn, Jacque, Jacquelin, Jacquelyn, Jacqueline, Jaquelin, Jaqueline
Jace, Jase, Jasen, Jason
Jacey, Jaycee
Jack, John, Johnnie, Johnny
Jackson, Jaxon, Jaxson
Jacob, Jacoby, Jake
Jada, Jade
Jaden, Jadon, Jady, Jaiden
Jaimie, James, Jamie, Jammie, Jayme, Jim, Jimmie, Jimmy
Jane, Janie, Jayne
Janel, Janele, Janelle
Janette, Jannette
Janice, Janis
Janine, Jeanine, Jeannine
Jarett, Jarret, Jarrett
Jassem, Jasam, Jasem, Jasim, Jassim, Jazem
Jasmine, Jazmin, Jazmine, Jazmyn, Jazmyne
Jeannie, Jean, Jeane, Jeanie
Jeffrey, Jeff, Jefferey, Jeffery, Jeffry

Table A-3 (Cont.) Name synonyms

Synonym
Jen, Jennie, Jennifer, Jenny
Jeramie, Jere, Jeremey, Jeremie, Jeremy, Jermey, Jeromy, Jerry, Jez
Jermain, Jermaine
Jesica, Jess, Jesse, Jessi, Jessica, Jessie, Jessika, Jessy
Jewel, Jewell
Jo, Joann, Joanne
Joan, Joanie
Joanna, Joana
Joselyn, Jocelyn
Jodi, Jodie, Jody
Joe, Joey, Josef, Joseph, Jozef
Johan, Johann
Johnathan, Johnathon, Jon, Jonatan, Jonathan, Jonathon, Jonnie, Jonny
Jordan, Jorden, Jordie, Jordon, Jordy, Jordyn
Josephine, Josefine, Josie
Josh, Joshua, Joshuah
Joyce, Joycelyn
Jude, Judi, Judie, Judith, Judy
Juli, Julia, Julie
Juliana, Julianna
Juliet, Juliette
Jussef, Yousef
Justen, Justin, Justyn
Kaabai, Ka'abi, Kaabi, Kabbi, Kabi
Kacey, Kaci, Kacie, Kacy
Kalid, Khaled, Khalid
Kalifa, Kalifeh, Khalefa, Khalifa, Khalifah, Khalifeh, Khelifa
Kamal, Kemal
Kareem, Karim
Karlee, Karley
Kassimi, Kasimi, Kasseemi, Qasimi, Qassimi
Kathrine, Kate, Kath, Katherine, Katheryn, Kathi, Kathie, Kathrin, Kathryn, Kathy, Kati, Katie, Kitty
Kateeb, Katib, Khateeb, Khatib
Kathleen, Kathlene
Kawari, Kuari, Kuwari
Kelley, Kellie, Kelly
Kelsea, Kelsey, Kelsi, Kelsie
Ken, Kenneth, Kenney, Kennith, Kenny
Kendal, Kendall
Kennedy, Kennedi
Kerri, Kerry
Kersten, Kiersten, Kirsten, Kirstin
Kev, Kevin

Table A-3 (Cont.) Name synonyms

Synonym
Kiana, Kianna
Kimberley, Kim, Kimberlee, Kimberly
Kirt, Kurt
Kristan, Kristen, Kristin
Kristi, Kristie, Kristy
Lacey, Laci, Lacie, Lacy
Lakeisha, Lakesha, Lakeshia, Lakisha
Lam, Lin
Lao, Lau, Liou, Liu
Laurence, Larry, Laurance, Lawrenc, Lawrence
Lateef, Latheef, Latif, Letayf
Latisha, Laticia
Latonia, Latonya
Laura, Lora
Lauren, Loran, Loren, Lorin, Lorine
Lavern, Laverne
Lavon, Lavonne
Leann, Leanne
Leesa, Leisa, Lesa, Lisa, Lissa, Liza
Leila
Leonard, Len, Lennard, Lennie, Lenny, Leo, Leonhard
Lenora, Lenore
Leslie, Les, Lesli
Lesley, Lesly
Lewis, Lew
Lidia, Lydia
Lillie, Lilly
Lindsay, Lindsey, Linsey, Lydsay, Lydsey, Lynsey
Lloyd, Loyd
Lois, Luis
Lonnie, Lonny
Loraine, Lori, Lorie, Lorraine, Lorri, Lorrie
Louis, Lou, Louie
Louisa, Luisa
Louise, Luise
Luana, Luanna
Luann, Luanne
Lucas, Luke
Lucie, Lucy
Lyn, Lynette, Lynn, Lynnette

Table A-3 (Cont.) Name synonyms

Synonym
Muhammad, Mhamad, Mhamed, M'hamad, M'hamed, Mahamat, Mahamed, Mahammed, Mahomed, Md, Mohamad, Mohamed, Mohameed, Mohammad, Mohammed, Mohammad, Mohammud, Mohamad, Mohamoud, Mohamud, Mohanmmod, Mohd, Mohmed, Mohmmad, Mohmmmed, Mohommed, Mouhamed, Mouhammad, Mouhammed, Muhamad, Muhamed, Muhamet, Muhammad', Muhammed, Muhammod, Muhumed, Mo
Mualla, Ma'la, Mala, Malla, Moalla, Mu'alla, Mualla, Mulla, Mullah
Mabel, Mable
Mabrouk, Mabruk, Mbarek, Mobarak, Moubarak, Moubarek, Mubarak, Mubarek, Mubark, Mubruk
Macenzie, Mackenzie, Makenzie, Mckenzie
Madalyn, Madalynn, Madeleine, Madeline, Madilyn
Madge, Maggie, Marga, Margaret, Margaret, Marge, Margery, Margie, Margret, Margrit, Margueite, Margy, Peggie, Peggy
Madi, Mahdi, Mahdy, Mehdi
Madison, Madisen, Madisyn, Madyson
Madjid, Madschid, Maged, Mageed, Magid, Majed, Majeed, Majid, Megeid, Megid, Meguid, Mejid, Migeed
Mae, May
Mahamoud, Mahamud, Mahmod, Mahmood, Mahmoud, Mahmud, Mahmut, Mamoud
Majali, Majaly, Majli
Malcolm, Mal, Malc, Malcom, Malky
Malek, Malik
Mansoor, Mansour, Mansur
Mansoori, Mansori, Mansouri, Mansuri, Monsuri
Mark, Marc, Marq
Marshall, Marchal, Marchall
Marci, Marcia, Marcie, Marcy
Marcos, Marcus
Margareta, Margaretah
Mari, Marri, Merri
Maria, Mariah
Marian, Marianne, Marien, Maryam, Maryan, Maryann, Maryanne
Mariana, Marianna
Marlen, Marlena, Marlene
Marta, Martha
Mary, Mollie, Molly
Masree, Masri, Masry, Massry, Mesri, Miseery, Misri
Matthew, Mat, Mathew, Matt
Matilda, Tillie
Maudie, Maud, Maude
Maurice, Mo
Mayra, Myra
Mazroeei, Mazroei, Mazrooi, Mazrooie, Mazroui, Mazrui
Megan, Meg, Meghan, Meghann
Meike, Meiki

Table A-3 (Cont.) Name synonyms

Synonym
Melvin, Mel, Melvyn
Melisa, Melissa
Melodie, Melody
Menem, Min'im, Mon'im, Mone'em, Moneam, Moneim, Monem, Muneem, Munim
Meriel, Muriel, Murl
Meryl, Meril, Merrill
Merlin, Merlyn
Michael, Michail, Micheal, Mick, Mickey, Mickie, Mike, Mikel, Mikey
Michaela, Mikaela, Mikala, Mikayla
Michel, Michell
Miranda, Myranda
Miriam, Myriam
Misti, Misty
Mohieddin, Mohieddin Al Din
Mohsen, Mohsin, Mouhsin, Muhsin
Moir, Moira
Monica, Monika
Monserrat, Monserrate, Montserrat
Moosa, Mousa, Mouseh, Moussa, Moussah, Mousseh, Musa, Mussa, Mussah
Moosawi, Mosawei, Mousawi, Moussaoui, Moussawi, Musawi
Mose, Moses
Mustafa, Mostafa, Mostapha, Mostefa, Mostofa, Moustafa, Moustapha, Mustapha, Mustofa
Mouhcine, Mouhsen, Mouhssin, Muhsan, Muhsen
Moyra
Musaab, Mus'ab, Musa'ab, Musab
Nasser, Naceur, Nasar, Naser, Nasir, Nasr, Nassar, Nassir, Nassour
Naeimi, Naemi, Naimi, Noaimi, Noemi, Nouami, Nu'aimi, Nu'ami, Nu'aymi, Nu'yami, Nuaimi, Nuaimi, Nuami, Nuaymi, Nueimi, Nuyami
Nahayan, Nahyan, Nehayan, Nuhayyan
Nanci, Nancie, Nancy
Nanette, Nannette
Nathalie, Nat, Natalie, Nataly, Natelie
Natasha, Tasha
Nathanael, Nate, Nathan, Nathaniel, Nathen
Neal, Neil, Niel
Ng, Wu
Nicholas, Nick, Nico, Nicolas, Nikolas, Nikolaus
Nickolas, Nicki, Nicklaus, Nicky, Nicola, Nicole, Niki, Nikki, Nikola, Nikole
Niles, Nils
Noal, Noe, Noel
Noor, Nor, Nour, Nur
Nora, Norah
Nordine, Nouradine, Nourdin, Nourdine, Noureddine, Nouredine, Nourradine, Nourredine

Table A-3 (Cont.) Name synonyms

Synonym
Noreen, Norene, Norine
Nurallah, Nurullah
Nurhusein, Nurhussein, Nur Hussein
Obaidollah, Obaidulla, Obaidullah, Obeidullah, Ubaidullah
Oliver, Ollie, Olly
Omar, Oma, Omer, Oumar, Umr, Umar
Oscar, Osker
Otis, Ottis
Ouahab, Wahab, Wahhab
Ould, Uld, Wald
Palma, Palmer
Pamela, Pam, Pamella
Pascal, Pascual, Pasquale
Patricia, Patsy, Patti, Pattie, Patty, Tricia, Trisha
Pearl, Pearlle
Penelope, Penni, Penny
Percival, Percy
Pete, Peter
Philipp, Phil, Philip, Phillip, Phillipp
Philipa, Philippa, Pippa
Philis, Phillis, Phylis, Phyllis
Porsha, Portia
Quentin, Quintin, Quiten
Rabae, Rabee, Rabei, Rabi'i, Rabiee, Rabii, Rebai, Rebei, Roubaei, Rubai, Rubaie, Rubay'i, Rubayi, Rubiai
Rachael, Racheal, Rachel, Rachele
Racheed, Rachid, Rashaid, Rasheed, Rashid, Reshaid, Rushaid, Rushayd
Ridha, Rada, Radha, Raza, Reda, Redha, Reza, Rida, Riza
Rafael, Rafa, Raphael
Raheem, Rahim, Rehim
Rahmaan, Rahman, Rahmane, Rehman
Raymond, Raimund, Ray, Raymund, Rey
Raoui, Rawee, Rawi
Rashiddodin, Rashiddudin, Rashideddin, Rashid Eddin, Rashidoddin, Rashoudin, Rashudin
Rayleigh, Raylee, Raylie, Ryley
Razak, Razaq, Razeq, Raziq, Razzak, Razzaq
Reginal, Reg, Reggie, Reginald
Reinaldo, Ronaldo
Reinhard, Reinhardt
Reuben, Ruben
Reubens, Rubens
Reynold, Reynoldo
Rhod, Rhodri

Table A-3 (Cont.) Name synonyms

Synonym
Rhona, Rona
Rhonda, Ronda
Rickard, Ricki
Robbin, Robin
Rock, Rocky
Rod, Rodney
Roland, Rowland
Ronald, Ron, Ronnie
Rosalee, Rosalia, Rosalie
Rossanne, Rosann
Rosco, Roscoe
Rosemary, Rosemarie, Rosmarie, Rosmary
Roxanne, Roxan, Roxann, Roxie, Roxy
Ruby, Rubye
Rudolph, Rudi, Rudy
Russell, Russ
Ryan, Ryann, Ryne
Saad, Sad, S'ad, Sa'ad, Sa'd, Saa'd, Sad
Saadallah, Sadallah
Saadeddin, Saaddine
Saalim, Saleem, Salem, Salim, Selim, Slim
Saba, Sabah
Saddek, Sadegh, Sadek, Sadeq, Sadiq, Seddig, Seddik, Seddiq, Siddeek, Siddek, Siddig, Siddiq, Sidig, Sidik, Sidiq
Saiededdin, Sadoddin, Saduddin, Sadudin, Saiduddine
Saef, Saif, Sayf, Seif
Sughayir, Sagheer, Saghir, Sghir, Soghayar, Sugair, Sugayer, Sughaier, Sughair, Sughayer, Sughayyir
Salaam, Salam, Sallam
Salah, Saleh, Salih
Salaheddin, Salahddin, Salaheddine, Salahoddin, Salahuldden
Sulaiman, Saliman, Seleiman, Seliman, Sleiman, Sliman, Slimane, Solaiman, Soleiman, Soleman, Soliman, Souleiman, Souleyman, Souleymane, Sulayman, Sulaymon, Suleiman, Suleman, Suliman
Sallie, Sally
Samara'i, Samarae, Samarai, Samaraie, Samarra'i, Samarra, Samarraie, Sameraei, Sameraie, Samirai
Sandi, Sandra
Saoud, Saud, Saud, Sauood, Soud, Su'ad, Su'ud, Suad, Sud, Suod, Suud, Suud
Sara, Sarah
Savanna, Savana, Savannah
Scott, Scot, Scottie, Scotty
Selena, Selina
Shameka, Shamika
Shannon, Shanan, Shannan, Shanon
Shanika, Shaniqua

Table A-3 (Cont.) Name synonyms

Synonym
Sharon, Sharron, Sharyn
Shaun, Shawn
Sheila, Sheilla
Shelbi, Shelby
Shirlee, Shirley
Shyann, Shyanne
Skyla, Skylar, Skyler
Sofia, Sophia
Sofie, Soph, Sophie, Sophy
Soltan, Sultan
Sonia, Sonja, Sonya
Sowaidi, Suwaidi, Suweidi, Sweidi
Spencer, Spence
Staci, Stacie, Stacy
Stanley, Stan
Stephanie, Stefani, Stefanie, Steffi, Stephani, Stephany, Stephenie
Stephen, Steve, Steven
Susanne, Sue, Susan, Susana, Susanna, Susie, Suzan, Suzann, Suzanna, Suzanne, Suzi, Suzy
Sven, Swen
Sybil, Sybille, Syble
Sydeny, Sydney
Tabatha, Tabetha, Tabitha
Taeb, Taeib, Taib, Taieb, Tayeb, Tayib, Tayieb, Tayyab, Tayyeb, Tayyib, Teyib
Tahar, Taher, Tahir
Takriti, Tikriti
Tami, Tamie, Tammi, Tammie, Tammy
Tani, Thani
Tania, Tanja, Tanya
Tara, Tarah
Tatiana, Tatianna, Tatjana, Tatyana
Tawana, Tawanna
Tawne, Tawny
Terence, Terrence, Terry
Teresa, Terese, Teressa, Teri, Terie, Terri, Terrie, Tessa, Tessie, Theresa, Theresia, Tresa, Tressa
Theodore, Theo, Theodor
Thomas, Tom, Tomas, Tommie, Tommy
Tiana, Tianna
Tiera, Tierra
Tiffani, Tiffanie, Tiffany
Timothy, Tim, Timmie, Timmoth, Timmothy, Timmy, Timo,
Tobias, Toby
Tod, Todd
Tomeka, Tomika

Table A-3 (Cont.) Name synonyms

Synonym
Victoria, Torey, Tori, Torrey, Tory, Vicki, Vickie, Vicky, Vikki, Viktoria
Trace, Tracey, Traci
Trae, Trey
Tremaine, Tremayne
Trev, Treva, Trever, Trevor
Tris, Tristan, Tristen, Tristin, Triston, Trstain, Trystan
Twila, Twyla
Tyler, Tylor
Tyreek, Tyrek
Tyrel, Tyrell
Tyron, Tyrone
Ullrich, Ulrich
Ulrika, Ulrike
Valerie, Val, Valorie
Valentin, Valentine
Vanesa, Vanessa, Venessa
Verl, Verle
Veronica, Veronika
Vic, Victor, Viktor
Vince, Vincent, Vinson
Virgie, Virgil
Viv, Vivian
Vivien, Vivienne
Vladimir, Vlad, Wladimir
Walter, Walther
Wendi, Wendy
Wes, Wesley
Wilber, Wilbert
Wilfred, Wilf, Wilfrid, Wilfried
Xina, Zina
Yaha, Yahaya, Yahia, Yahiya, Yahya, Yahyah, Yahyia, Yaya, Yehia, Yehya, Yihya
Yang, Yeung
Yasmeen, Yasmin, Yasmine
Yesinia, Yessinia
Zachariah, Zachary, Zachery, Zackery, Zakary
Zoe, Zoey