ThreatQuotient

FS-ISAC CDF User Guide

Version 1.0.2

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ThreatQuotient
20130 Lakeview Center Plaza Suite 400
Ashburn, VA 20147

ThreatQ Supported

Support
Email: support@threatq.com
Web: support.threatq.com
Phone: 703.574.9893

Contents

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Support Web: https://support.threatq.com
Support Phone: 703.574.9893

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Integration Details

ThreatQuotient provides the following details for this integration:

Current Integration Version	1.0.2
Compatible with ThreatQ Versions	>= 4.58.0
Support Tier	ThreatQ Supported

Introduction

FS-ISAC is an intelligence sharing community for financial services organizations. FS-ISAC provides feeds to their members containing intelligence surrounding threats targeting their industry. The FS-ISAC CDF enables the automatic ingestion of FS-ISAC feeds into ThreatQ. This integration acts as a TAXII client, fetching data from FS-ISAC's TAXII server based on a user-configured collection, parsing the intelligence, and ingesting it into ThreatQ. This feed adds additional features on top of ThreatQ's basic TAXII client functionality including, but not limited to, parsing object relationships out of STIX labels.

The integration provides the following feed:

- **FS-ISAC** - ingests intelligence from the FS-ISAC TAXII server.

The integration ingests the following system objects:

- Adversaries
- Attack Pattern
- Campaign
- Course Of Action
- Event
- Exploit Target
- Identity
- Incident
- Indicators
- Intrusion Set
- Malware
- Report
- Signatures
- Tools
- TTP

Installation

Perform the following steps to install the integration:

> The same steps can be used to upgrade the integration to a new version.

1. Log into https://marketplace.threatq.com/.
2. Locate and download the integration file.
3. Navigate to the integrations management page on your ThreatQ instance.
4. Click on the **Add New Integration** button.
5. Upload the integration file using one of the following methods:
   - Drag and drop the file into the dialog box
   - Select **Click to Browse** to locate the integration file on your local machine

   > ThreatQ will inform you if the feed already exists on the platform and will require user confirmation before proceeding. ThreatQ will also inform you if the new version of the feed contains changes to the user configuration. The new user configurations will overwrite the existing ones for the feed and will require user confirmation before proceeding.

6. The feed will be added to the integrations page. You will still need to configure and then enable the feed.

Configuration

> ThreatQuotient does not issue API keys for third-party vendors. Contact the specific vendor to obtain API keys and other integration-related credentials.

To configure the integration:

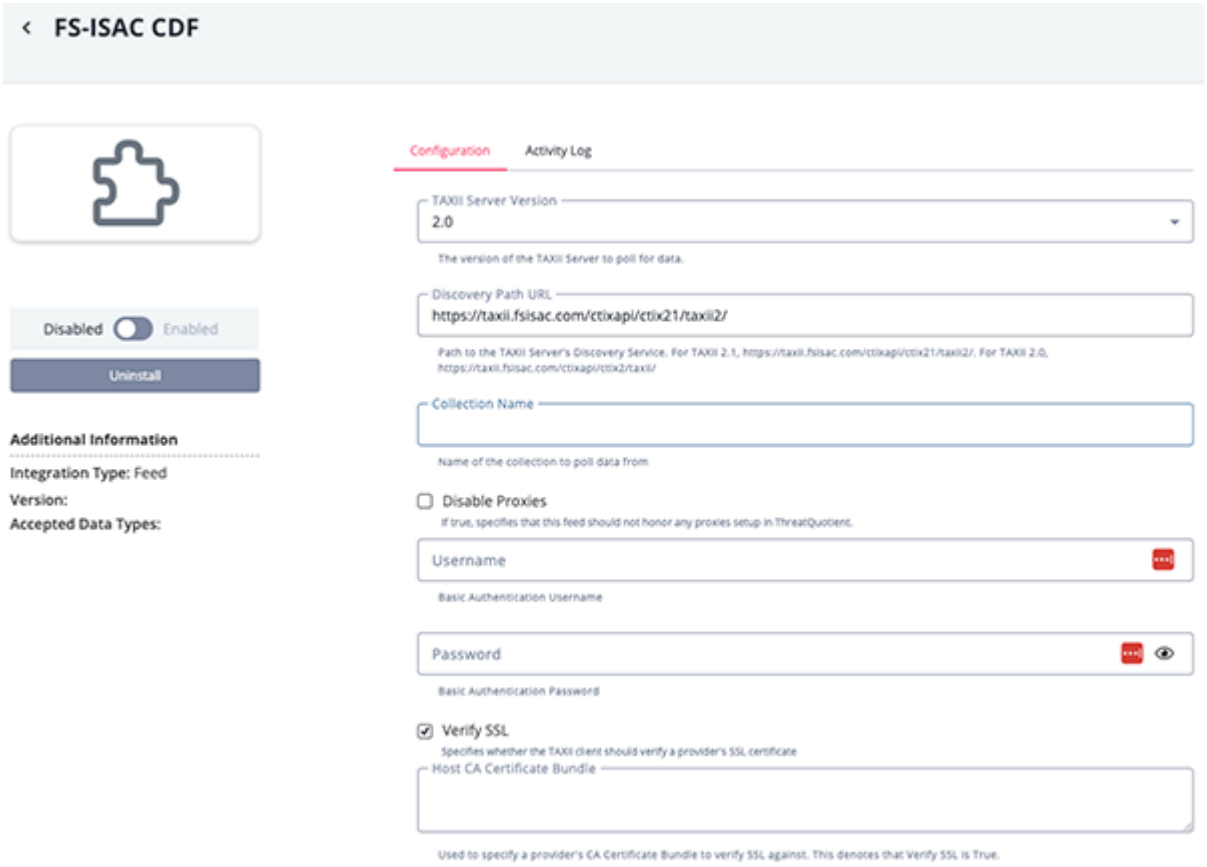
1. Navigate to your integrations management page in ThreatQ.
2. Select the **Commercial** option from the *Category* dropdown (optional).

   > If you are installing the integration for the first time, it will be located under the **Disabled** tab.

3. Click on the integration entry to open its details page.
4. Enter the following parameters under the **Configuration** tab:

PARAMETER	DESCRIPTION
TAXII Server Version	Select the server version to poll data.
Discovery Path URL	Enter the path to the TAXII Server's Discovery Service. Options include: ◦ **2.1** - `https://taxii.fsisac.com/ctixapi/ctix21/taxii2/` (default) ◦ **2.0** - `https://taxii.fsisac.com/ctixapi/ctix2/taxii/`
Collection Name	Enter the collection name to poll.
Disable Proxies	If enabled, the feed will not honor proxy settings set in ThreatQ.
Username	Enter your basic authentication username for FS-ISAC.
Password	Enter the password associated with the username above.
Verify SSL	Enable this parameter if the TAXII client should verify the provider's SSL certicate.

PARAMETER	DESCRIPTION
Host CA Certificate Bundle	Paste the certicate bundle in this field if you enabled the **Verify SSL** parameter.



5. Review any additional settings, make any changes if needed, and click on **Save**.
6. Click on the toggle switch, located above the *Additional Information* section, to enable it.

ThreatQ Mapping

This integration ingests intelligence from the FS-ISAC TAXII server.

> The majority of the parsing & mapping of the data is handled by the ThreatQ's generic STIX parser. See the STIX 2.0 Data Mapping topic for further details.

In addition, `labels` containing links to other entities will be converted into their corresponding object relationships. For instance:

- `malware:Lokibot` -> A *Malware* object with the value, `Lokibot`
- `threat-actor:APT28` -> An *Adversary* object with the value, `APT28`
- `attack-pattern:T1059` -> An *Attack Pattern* object with the value, `T1001 - Data Obfuscation`

Average Feed Run

Object counts and Feed runtime are supplied as generalities only - objects returned by a provider can differ based on credential configurations and Feed runtime may vary based on system resources and load.

METRIC	RESULT
Run Time	1 minute
Indicators	17
Indicator Attributes	31
Adversaries	4
Malware	10

Known Issues / Limitations

- You will need to create multiple feeds in order to ingest from multiple collections. This requires that you install multiple instances of this integration. To do this, you will need to modify both the feed `name` and `namespace` in the yaml file for each instance of the feed to avoid conflicts. These values must be unique.

  To generate a Unique ID for Namespace:

  1. Open up a terminal window.
  2. Enter the following command:

     ```
     uuidgen | tr "[A-Z]" "[a-z]"
     ```

     Example Output:

     ```
     uuidgen | tr "[A-Z]" "[a-z]"
     b522dfcb-fe6c-4540-a8ed-76751d9bc8b0
     ```

  3. Copy and paste that unique ID to use as the new **namespace**.
  4. Enter the new feed name.

     Example: FS-ISAC CDF > FS-ISAC CDF Collection 2

     Original Name and Namespace

     ```
     111  feeds:
     112    FS-ISAC CDF:
     113      namespace: 1f6d3a90-0b58-4c7f-8814-31e23e7ef700
     ```

     Updated Name and Namespace

     ```
     111  feeds:
     112    FS-ISAC CDF Collection 2:
     113      namespace: b522dfcb-fe6c-4540-a8ed-76751d9bc8b0
     ```

  5. Save the yaml file and proceed with the standard CDF install steps described in this guide.

Change Log

- **Version 1.0.2**
  - Resolved a `TypeError` that would occur with MITRE ATT&CK Patterns.
- **Version 1.0.1**
  - The integration will now appear under the Commercial category in ThreatQ Platform.
  - The internal name for the TAXII Server Version configuration field has been updated.
- **Version 1.0.0**
  - Initial release