

ThreatQuotient

A Securonix Company



CISA Reports CDF

Version 2.0.8

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ThreatQuotient

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 **ThreatQ Supported**

Support

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Support

This integration is designated as **ThreatQ Supported**.


Support Email: tq-support@securonix.com

Support Web: <https://ts.securonix.com>

Support Phone: 703.574.9893

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Integration Details

ThreatQuotient provides the following details for this integration:

Current Integration Version 2.0.8

Compatible with ThreatQ Versions $\geq 4.52.0$

Support Tier ThreatQ Supported

Introduction

The CISA Reports CDF consumes data provided by the CISA to notify organizations about threats that exist on the Internet.

The integration provides the following feed:

- **CISA Reports** - ingests reports from the xml source as well as related system objects.

The integration ingests the following system object types:

- Files
- Incidents
- Indicators
- Reports
- TTPs

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 **OSINT** 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
Verify SSL	When enabled, the integration will validate the host-provided SSL certificate. This option is enabled by default.
Parse Tags	Enable this option to automatically add tags to the report object. This option is enabled by default.
Parse for Selected Indicators	<p>Select the indicator types to be parsed for reports. Options include</p> <ul style="list-style-type: none"> ◦ CVEs (<i>default</i>) ◦ MD5 Hashes (<i>default</i>) ◦ SHA-1 Hashes (<i>default</i>) ◦ SHA-256 Hashes (<i>default</i>) ◦ SHA-512 Hashes (<i>default</i>) ◦ IP Addresses (<i>default</i>) ◦ Email Addresses (<i>default</i>)

 This parameter does not apply to parsed STIX files.

< **CISA Report**



Disabled

Enabled

Uninstall

Additional Information

Integration Type: Feed

Version:

Configuration
Activity Log

- Verify Host SSL**
If checked, validates server's certificate and checks whether server's hostname matches.
- Parse Tags**
If checked, report tags will be ingested
- Parse For Selected Indicators**
Select which indicator types you want parsed out of reports. This does not apply to parsed STIX files.
- CVEs
- MD5 Hashes
- SHA1 Hashes
- SHA-256 Hashes
- SHA-512 Hashes
- IP Addresses
- Email Addresses

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

CISA Reports

The CISA Reports endpoint ingests reports from the xml feed as well as system objects related to the report.

```
GET https://www.cisa.gov/cybersecurity-advisories/analysis-reports.xml
```



Depending on the description length, the CDF may or may not attempt to fetch the article's HTML data via the link. The HTML data will be used in-place of the bad description. That request will be made to the following link:

```
GET https://www.cisa.gov/news-events/analysis-reports/<report_id>
```

Sample Response:

```
<?xml version="1.0" encoding="utf-8"?>
<rss version="2.0" xml:base="https://www.cisa.gov/">
  <channel>
    <title>CISA Analysis Reports</title>
    <link>https://www.cisa.gov/</link>
    <description/>
    <language>en</language>
    <item>
      <title><a href="/news-events/analysis-reports/ar22-272a" hreflang="en">MAR-10365227-2.v1 </a></title>
      <link>https://www.cisa.gov/news-events/analysis-reports/ar22-272a</link>
      <description>Original release date: October 31, 2019 ... </description>
      <pubDate>Thu, 31 Oct 2019 14:57:45 +0000</pubDate>
      <dc:creator>CISA</dc:creator>
      <guid isPermaLink="false">/node/9076</guid>
    </item>
    ...
  </channel>
</rss>
```


ThreatQuotient provides the following default mapping for this feed:

FEED DATA PATH	THREATQ ENTITY	THREATQ OBJECT TYPE OR ATTRIBUTE KEY	PUBLISHED DATE	EXAMPLES	NOTES
<code>.rss.channel.item[].title</code>	<code>Report.title</code>	N/A	<code>.rss.channel.item[].pubDate</code>	MAR-10365227-2.v1 - North Korean Trojan: HOPLIGHT	N/A
<code>.rss.channel.item[].description</code>	<code>Report.description</code>	N/A	N/A	Original release date: October 31, 2019 ...	Base64 encoded image binaries are removed and descriptions are truncated at 65535 characters
N/A	<code>Report.attribute</code>	Report type	<code>.rss.channel.item[].pubDate</code>	CISA Report	N/A
<code>.rss.channel.item[].link</code>	<code>Report.attribute</code>	URL	<code>.rss.channel.item[].pubDate</code>	https://www.cisa.gov/news-events/analysis-reports/ar22-272a	N/A
N/A	<code>Report.attribute</code>	NCAS feed name	<code>.rss.channel.item[].pubDate</code>	Analysis Reports	N/A
<code>.rss.channel.item[].description</code>	<code>RelatedIndicator.value</code>	IP Address, CVE, MD5, SHA-1, SHA-256, SHA-512, or Email Address	<code>.rss.channel.item[].pubDate</code>	N/A	Indicators are parsed out of the description
<code>.rss.channel.item[].description</code>	<code>Report.Tags</code>	N/A	N/A	N/A	Tags are parsed out of the description. Ingested when Parse Tags section is enabled.
<code>.rss.channel.item[].description</code>	<code>RelatedFile</code>	Malware Analysis Report	<code>.rss.channel.item[].pubDate</code>	N/A	PDF links are parsed out of the description, downloaded, and related as an attachment
<code>.rss.channel.item[].description</code>	<code>RelatedFile</code>	STIX	<code>.rss.channel.item[].pubDate</code>	N/A	STIX links are parsed out of the description, downloaded, and related as an attachment
N/A	<code>RelatedIndicator/TTP/Incident.value</code>	N/A	N/A	N/A	STIX files are parsed for their indicators, TTPs, Incidents, and Tags

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	2 minutes
Files	7
Reports	10
Report Attributes	30
Indicators	45
Incidents	16
TTPs	2

Change Log

- **Version 2.0.8**
 - Updated tag parsing to correctly ingest multiple tags from a single paragraph as separate tags.
- **Version 2.0.7**
 - Implemented fixes to address issues with tag handling and IP address parsing to ensure accurate data processing and consistency.
- **Version 2.0.6**
 - Enhanced the integration by adding support for email address extraction and ingestion of tags from report bodies.
 - Added a new option, `Email Addresses`, to the **Parse for Selected Indicators** configuration parameter.
- **Version 2.0.5**
 - Improved the resilience of the STIX link and attachment handling pipeline, preventing application crashes when required data is missing.
 - Resolved a `NoneType` iteration error during STIX parsing by initializing safe default values.
- **Version 2.0.4**
 - Resolved a parsing issue with the RSS feed regarding the `pubDate`.
- **Version 2.0.3**
 - Resolved a title parsing issue that was caused by a provider change to the `<title>` XML format.
- **Version 2.0.2**
 - Updated the integration's endpoint based on website migration updates by the provider.
 - Rebranded to integration from US-CERT Reports to CISA Reports.
- **Version 2.0.1**
 - Added the ability to parse Tags.
 - Fixed an issue where the wrong TTP objects were parsed.
- **Version 2.0.0**

- Initial Release. This endpoint used to be included in the US-CERT integration. That integration has been deprecated and its endpoints split into four separate CDFs.