ThreatQuotient

A Securonix Company

ThreatQ STIX 2.1 Export Action

Version 1.0.0

February 17, 2026

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ThreatQ Supported

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Integration Details

ThreatQuotient provides the following details for this integration:

Current Integration Version	1.0.0
Compatible with ThreatQ Versions	>= 6.13.0
ThreatQ TQO License Required	Yes
Support Tier	ThreatQ Supported

Introduction

The ThreatQ STIX 2.1 Export Action enables teams to export threat intelligence from the ThreatQ platform in the STIX 2.1 standard format for use in downstream tools, partner sharing, and broader intelligence workflows. By packaging data in a widely adopted, structured, and consistent schema, this action helps streamline automation, improve interoperability across systems, and support more effective collaboration for threat detection and response.

The integration provides the following action:

- **ThreatQ - Export STIX 2.1 Indicators** - exports threat intelligence data from ThreatQ in the STIX 2.1 format to a specified TAXII collection within an API root.

The integration is compatible with indicator objects and does not enrich or ingest additional system objects into ThreatQ.

This action is intended for use with ThreatQ TDR Orchestrator (TQO). An active TQO license is required for this feature.

Prerequisites

- An active ThreatQ TDR Orchestrator (TQO) license.
- A data collection containing at least one indicator:
- A TAXII server that supports STIX 2.1 and has an "inbox" functionality to receive exported data

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 action zip file.
3. Navigate to the integrations management page on your ThreatQ instance.
4. Click on the **Add New Integration** button.
5. Upload the action zip file using one of the following methods:
    - Drag and drop the zip file into the dialog box
    - Select **Click to Browse** to locate the zip file on your local machine

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

You will still need to configure the action.

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 **Actions** option from the *Category* dropdown (optional).
3. Click on the action entry to open its details page.
4. Enter the following parameters under the **Configuration** tab:

> The configurations set on this page will be used as the default settings when inserting this action into a new workflow. Updating the configurations on this page will not update any instances of this action that have already been deployed to a workflow. In that scenario, you must update the action's configurations within the workflow itself.

PARAMETER	DESCRIPTION
API Root URL	The the TAXII API root URL, schema included, for where the STIX 2.1 indicators will be exported. **Example**: *`https://{{ hostname }}/taxii2/api1/`* > Confirm that you are using the API root URL and not the discovery URL.
Collection ID	Enter the ID of the TAXII collection to which the STIX 2.1 indicators will be exported.
Username	Enter the username to authenticate with the TAXII server.
Password	Enter the password to authenticate with the TAXII server.
	STIX Configuration Section
STIX Object Type Selection	Select how the indicators to be formatted in the STIX 2.1 export. Options include:

PARAMETER	DESCRIPTION
	◦ Export as STIX Cyber Observables (SCO) ◦ Export as STIX Indicator Patterns (Indicator Objects) *(default)*
Custom Extensions	Select the additional pieces of context to add as custom extensions to the STIX objects. Options include: ◦ Score *(default)* ◦ Status ◦ Tags *(default)* ◦ Attributes Tags will be added as labels for SDOs and tags will be added to the extension for SCOs. Custom properties will be added under the `extension-definition--7ca3da18-e794-4bae-99c5-a285277dbcf0` property extension.
Attribute Whitelist	Enter a line-separated list of attribute names to include in the STIX export. If left empty, all attributes will be included. This parameter is only accessible if the `Attributes` option is selected for the **Custom Extensions** configuration parameter.
Use ThreatQ Identity as Producer	Enable this parameter to have the `createdby_ref` field populated with the ID of the ThreatQ user who created the indicator. This parameter is disabled by default. This parameter is only accessible if the `Indicator Object` option is selected for the **STIX Object Type Selection** configuration parameter.
ThreatQ Identity TLP	Select the TLP designation to apply to the ThreatQ Identity Producer object, which will be reflected in the Identity SDO's `object_marking_refs` field.

PARAMETER	DESCRIPTION
	This parameter is only accessible if the **Use ThreatQ Identity as Producer** configuration parameter has been enabled.
Group Objects	Enable this parameter to have your STIX objects be grouped together using a Grouping SDO. This parameter is disabled by default. The Grouping will inherit the most-restrictive TLP from the indicators if the `Use TLP from Indicator Sources` option is selected for the **Traffic Light Protocol (TLP) V2.0** configuration parameter.
Grouping Name	Enter a name for the Grouping object. This parameter is only accessible if the **Group Objects** configuration parameter has been enabled.
Grouping Description	Enter a description for the Grouping object. This parameter is only accessible if the **Group Objects** configuration parameter has been enabled.
Grouping Context	Select a context for the Grouping object. Options include: ◦ Unspecified (default) ◦ Suspicious Activity ◦ Malware Analysis This parameter is only accessible if the **Group Objects** configuration parameter has been enabled.
Grouping Confidence Method	Select a method for calculating the confidence of the Grouping object. Options include: ◦ Maximum Confidence of Objects (default)

PARAMETER	DESCRIPTION
	◦ Average Confidence of Objects ◦ Minimum Confidence of Objects ◦ Specific Confidence Value This parameter is only accessible if the **Group Objects** configuration parameter has been enabled.
Grouping Confidence Score	Enter a specific confidence value for the Grouping object (0-100). This parameter is only accessible if the `Specific Confidence Value` option is selected for the **Grouping Confidence Method** configuration parameter.
Use Score as Confidence	Enable this parameter to have the score indicator converted to a 0-100 confidence value in the STIX object. If disabled, the score will still be added as a custom property (when enabled). Indicators without scores will receive a confidence of 0. This parameter is enabled by default.
Apply Confidence to SCOs (Out of Spec)	Enable this parameter to have a confidence field to SCO objects based on the score of the indicator. This implementation is outside the STIX 2.1 specification, as SCOs do not natively include a confidence field; however, certain TAXII servers and consumers may require this field to support data contributions. This parameter is only accessible if the **Use Score as Confidence** configuration parameter has been enabled.
Export Description	Enable this parameter to have the first description exported with the STIX objects. For SDOs, the `description` field will be used, while for SCOs, the custom extension's description field will be used. No description will be exported if this parameter is disabled. This parameter is enabled by default.
Strip HTML Tags from Description	Enable this parameter to strip out any HTML tags in the description before exporting the STIX object. This parameter is enabled be default as the STIX specification does not mention richtext support.

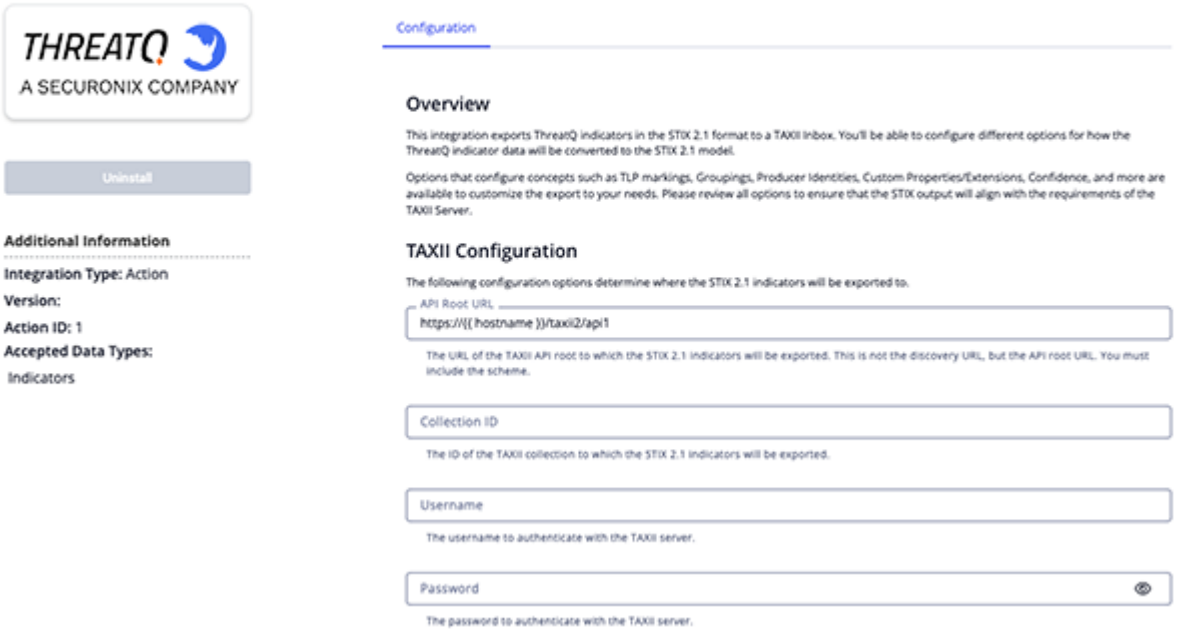
PARAMETER	DESCRIPTION
	This parameter is only accessible if the **Export Description** configuration parameter has been enabled.
Set Revoked if Whitelisted	Enable this parameter to have indicators marked as revoked if they have a `Whitelisted` status in ThreatQ. This parameter is enabled by default. This parameter is only accessible if the `Indicator Object` option is selected for the **STIX Object Type Selection** configuration parameter.
Set Revoked if Expired	Enable this parameter to mark indicators as revoked if they have an `Expired` status in ThreatQ. This parameter is disabled by default. This parameter is only accessible if the `Indicator Object` option is selected for the **STIX Object Type Selection** configuration parameter.

TLP Configuration Section

Traffic Light Protocol (TLP) v2.0	Select the TLP v2.0 level to apply to the STIX objects. This export utilizes TLP v2.0, which includes the following light designations: ◦ Don't Apply TLP *(default)* ◦ Use TLP from Indicator Sources (ThreatQ v6.13+ only) TLP will be inherited from the indicator's sources. This option requires requires ThreatQ v6.13+. ◦ TLP Red ◦ TLP Amber+Strict ◦ TLP Amber ◦ TLP Green ◦ TLP Clear If the indicator has multiple sources with different TLPs, the least-restrictive TLP will be used.

PARAMETER	DESCRIPTION
Traffic Light Protocol (TLP) Fallback	Select a fallback level to utilize if you have selected the `Use TLP from Indicator Sources` option for the **Traffic Light Protocol (TLP) v2.0** configuration field. This fallback TLP level will be applied to indicators that do not have a TLP assigned from their sources. Options include: ◦ TLP Red ◦ TLP Amber+Strict ◦ TLP Amber ◦ TLP Green ◦ TLP Clear This parameter is only accessible if the `Use TLP from Indicator Sources` option is selected for the **Traffic Light Protocol (TLP) v2.0** configuration parameter.
	Workflow Options
Objects Per Run	The number of objects to process per run of the workflow. The default value is 1,000.

ThreatQ - Export STIX 2.1 Indicators



5. Review any additional settings, make any changes if needed, and click on **Save**.

Actions

The following action is available:

ACTION	DESCRIPTION	OBJECT TYPE	OBJECT SUBTYPE
Export STIX 2.1 Indicators	Exports indicators to a configured TAXII collection	Indicators	ASN, FQDN, Email Address, IP Address, IPv6 Address, MAC Address, Mutex, URL, Username, Registry Key, MD5, SHA-1, SHA-256, SHA-512

Export STIX 2.1 Indicators

The Export STIX 2.1 Indicators action enables organizations to export threat intelligence from ThreatQ in STIX 2.1 format to a designated TAXII collection within a specified API root. The action supports exporting indicators as either Indicator SDOs or STIX Cyber Observable (SCO) objects, providing flexibility to meet downstream system requirements.

Configuration options allow administrators to tailor the export to their operational needs, including how TLP markings are applied, whether indicators are grouped under a STIX Grouping object, the assignment of a producer Identity, and other controls that ensure compatibility and alignment with external TAXII server expectations.

There is no mapping table as this action does not enrich or ingest additional threat data into the ThreatQ platform.

Change Log

- **Version 1.0.0**
  - Initial release