BitSight Connector Implementation Guide

Version 1.0.0

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Introduction

This BitSght Connector ingests threat intelligence events from the BitSight vendor. The connector definition file maps how the threat intelligence data from the `alerts` endpoint is mapped to ThreatQ specific events and their related attributes.

Installation

The installation instructions for this integration differ based on the ThreatQ version you have installed.

ThreatQ Versions Before 4.7

It is assumed that the user has python installed with a minimum version of `2.7.5` and the following packages (use `pip` to install these packages):

- ruamel.yaml
- threatqsdk

threatqsdk is installed typically by making changes to the pip.conf file as follows:

```
[global]
       index-url = https://system-updates.threatq.com/pypi
         extra-index-url = https://username:password
         @extensions.threatq.com/threatq/integrations
         https://username:password@extensions.threatq.com/threatq/sdk
```

After satisfying the above requirements, the integration can be installed as follows:

```
      python create_bitsight_cdf.py -c tq.config -y bit-
      sight.yaml -f '{"username": {"value": "<YOURUSER>",
      "label": "Username"}}'
```

ThreatQ Versions 4.7 Through 4.8

The environment and dependency instructions remain the same. The installation script differs and is given below.

```
python bulk_create_cdf.py -c tq.config -y bit-
sight.yaml -f '{"username": {"value": "<YOURUSER>",
"label": "Username"}}'
```

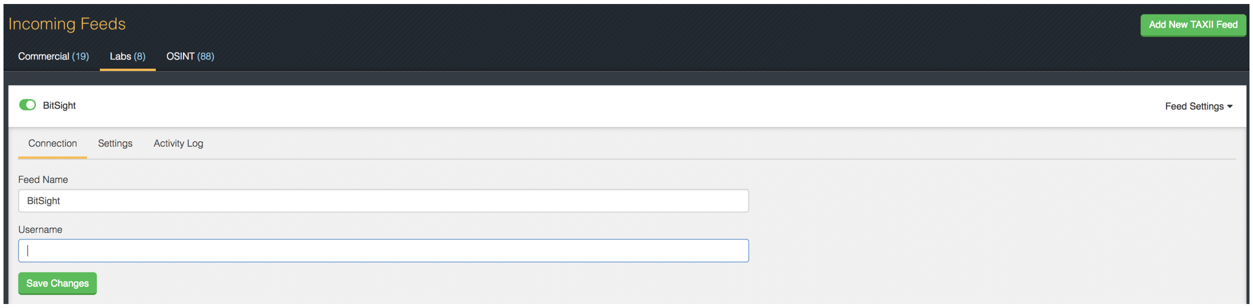
ThreatQ Version 4.9 or Later

The following artisan command on the platform will install the connector.

```
sudo php artisan threatq:feed-install bitsight.yaml
```

ThreatQ User Interface Configuration

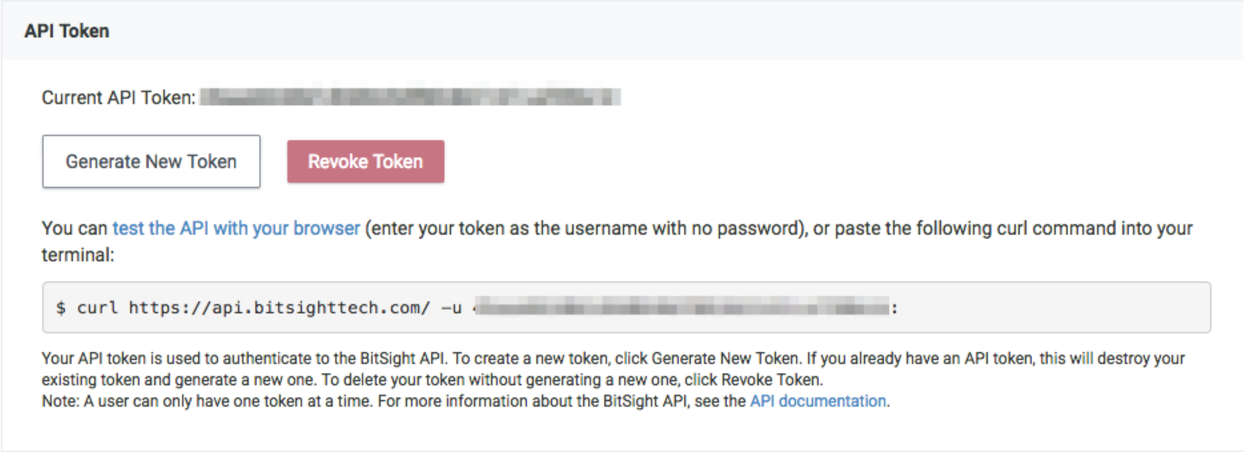
The connector installs as a feed under Labs as shown below. The BitSight button must be enabled for the feed to begin ingesting data.



Feed Name
BitSight

Username

For the field **Username**, use the API key instead. The API key can be created in the user's Bitsight account as shown below.



API Token

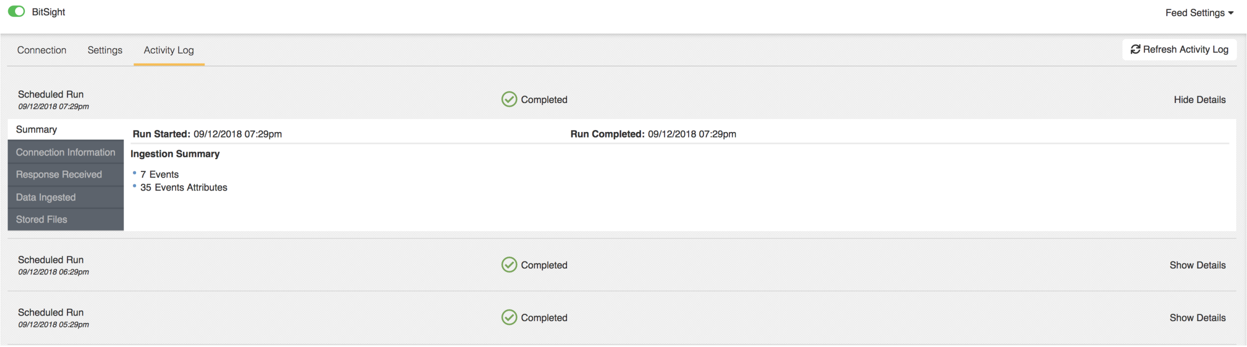
Current API Token: [redacted]

You can test the API with your browser (enter your token as the username with no password), or paste the following curl command into your terminal:

```
$ curl https://api.bitsighttech.com/ -u [redacted]:
```

Your API token is used to authenticate to the BitSight API. To create a new token, click Generate New Token. If you already have an API token, this will destroy your existing token and generate a new one. To delete your token without generating a new one, click Revoke Token.
Note: A user can only have one token at a time. For more information about the BitSight API, see the API documentation.

The status of the feed is available under **Activity Log** as shown below.



Scheduled Run
09/12/2018 07:29pm
✓ Completed
Hide Details

Run Started: 09/12/2018 07:29pm

Run Completed: 09/12/2018 07:29pm

Ingestion Summary

- 7 Events
- 35 Events Attributes

Scheduled Run
09/12/2018 06:29pm
✓ Completed
Show Details

Scheduled Run
09/12/2018 05:29pm
✓ Completed
Show Details

Known Issues

If users are using a ThreatQ Version before 4.9.0, we recommend that you check the json arguments being passed (after the `-f` flag) using a `json validator` tool, since the script does not do any validation. If the json arguments were passed incorrectly, the UI feeds page is unable to parse those arguments and the whole feeds page fails to load. If ever this problem occurred regardless while using the script above, drop the connector from the database.