ThreatQuotient

A Securonix Company

Intel 471 Compromised Credentials CDF

Version 2.0.0

June 08, 2026

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Integration Details

ThreatQuotient provides the following details for this integration:

Current Integration Version	2.0.0
Compatible with ThreatQ Versions	>= 5.6.0
Support Tier	ThreatQ Supported

Introduction

The Intel 471 Compromised Credentials CDF integration for ThreatQ allows you to track your organization's compromised credentials in order to efficiently mitigate any threats targeting your organization's employees.

The integration provides the following feed:

- **Intel 471 Compromised Credentials** - imports compromised credentials from Intel 471's API in order to track internal credentials that have been compromised.

The integration ingests the following system objects:

- Compromised Accounts
  - Compromised Account Attributes
- Indicators
  - Indicator Attributes
- Malware

Prerequisites

The integration requires the following:

- Your Intel 471 Client ID and Secret.
- Compromised Account custom object installed on the ThreatQ instance.

Compromised Account Custom Object

The integration requires the Compromised Account custom object.

Use the steps provided to install the Compromised Account custom object.

> ⚠ When installing the custom objects, be aware that any in-progress feed runs will be cancelled, and the API will be in maintenance mode.

ThreatQ V6 Steps

Use the following steps to install the custom object in ThreatQ v6:

1. Download the integration bundle from the ThreatQ Marketplace.
2. Unzip the bundle and locate the custom object files.

   > The custom object files will typically consist of a JSON definition file, install.sh script, and a images folder containing the svg icons.

3. SSH into your ThreatQ instance.
4. Set your install pathway environment variable. This command will retrieve the install pathway from your configuration file and set it as variable for use during this installation process.

   ```
   INSTALL_CONF="/etc/threatq/platform/install.conf"

   if [ -f "$INSTALL_CONF" ]; then source "$INSTALL_CONF"

   fi

   MISC_DIR="${INSTALL_BASE_PATH:-/var/lib/threatq}/misc"
   ```

5. Navigate to the tmp folder using the environment variable:

```
cd $MISC_DIR
```

6. Upload the custom object files, including the images folder.

   The directory structure should resemble the following:

   - install.sh
   - <custom_object_name>.json
   - images (directory)
     - <custom_object_name>.svg

7. Run the following command:

```
kubectl exec -it deployment/api-schedule-run -n threatq --
sh /var/lib/threatq/misc/install.sh /var/lib/threatq/misc
```

   The installation script will automatically put the application into maintenance mode, move the files to their required directories, install the custom object, update permissions, bring the application out of maintenance mode, and restart dynamo.

8. Delete the install.sh, definition json file, and images directory from step 6 after the object has been installed as these files are no longer needed.

ThreatQ v5 Steps

1. Download the integration zip file from the ThreatQ Marketplace and unzip its contents.
2. SSH into your ThreatQ instance.
3. Navigate to tmp directory:

```
cd /tmp/
```

4. Create a new directory:

```
mkdir intel471_cdf
```

5. Upload the **account.json** and **install.sh** script into this new directory.
6. Create a new directory called **images** within the inte471_cdf directory.

```
mkdir images
```

7. Upload the account.svg.
8. Navigate to the **/tmp/intel471_cdf**.

   The directory should resemble the following:

   - tmp
     - **intel471_cdf**
       - **account.json**
       - **install.sh**
       - **images**
         - **account.svg**
9. Run the following command to ensure that you have the proper permissions to install the custom object:

   ```
   chmod +x install.sh
   ```
10. Run the following command:

    ```
    sudo ./install.sh
    ```

    You must be in the directory level that houses the install.sh and json files when running this command.

    The installation script will automatically put the application into maintenance mode, move the files to their required directories, install the custom object, update permissions, bring the application out of maintenance mode, and restart dynamo.
11. Remove the temporary directory, after the custom object has been installed, as the files are no longer needed:

    ```
    rm -rf intel471_cdf
    ```

Installation

The CDF requires the installation of the Compromised Account custom object before installing the actual CDF. See the Compromised Account section of this guide for more details. The custom object must be installed prior to installing the CDF. Attempting to install the CDF without the custom object will cause the CDF install process to fail.

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 zip file.
3. Extract the integration files and install the Compromised Account custom object if you have not done so already.
4. Navigate to the integrations management page on your ThreatQ instance.
5. Click on the **Add New Integration** button.
6. Upload the integration yaml file using one of the following methods:
   - Drag and drop the file into the dialog box
   - Select **Click to Browse** to locate the 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.

The feed will now be installed and 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:

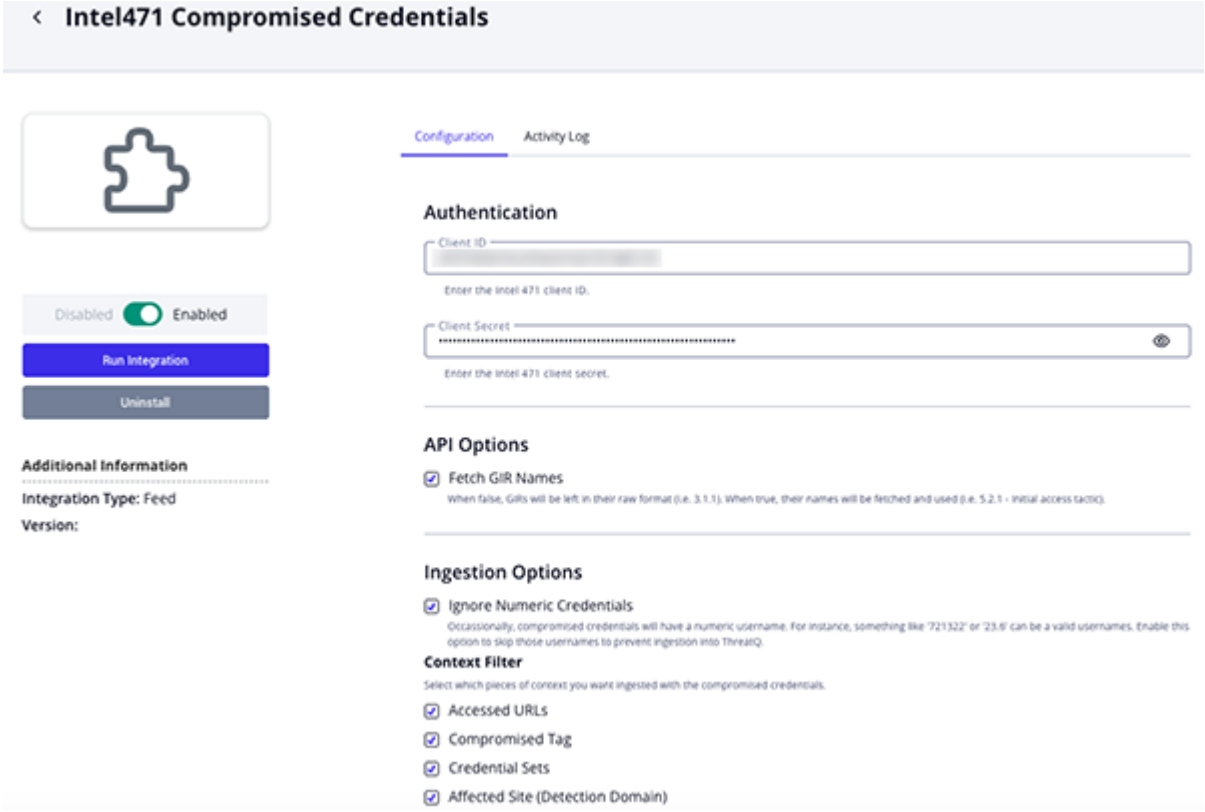
1. Navigate to your integrations management page in ThreatQ.
2. Select the **Commercial** option from the *Category* dropdown (optional).

   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
Client ID	Enter your Intel 471 API Client ID.
Client Secret	Enter your Intel 471 API Client Secret.
Fetch GIR Names	Enable this parameter to fetch the GIR's name (example: `5.2.1 - initial Access Tactic`). Disable this parameter to fetch the GIR's raw format (example: `3.1.1`). This parameter is enabled by default.
Ignore Numeric Credentials	Enable this parameter to skip ingestion of compromised credentials with usernames that consist solely of numeric values such as 721322. This parameter is disabled by default.
Context Filter	Select which pieces of context to ingest with the compromised credentials. Options include: ◦ Accessed URLs *(Default)* ◦ Compromised Tag *(Default)* ◦ Credential Sets *(Default)*

PARAMETER	DESCRIPTION
	◦ Affected Site (Detection Domain) *(Default)* ◦ File Path ◦ Credential Domain ◦ Affiliations *(Default)* ◦ Password Strength ◦ Last Updated ◦ Last Seen ◦ Software Name ◦ Credential Type ◦ Infection Timestamp ◦ OS ◦ GIRs *(Default)* ◦ Associated Adversary *(Default)* ◦ Associated Malware Family *(Default)* ◦ Intel471 Verity Link
Ingest Accessed URLs As	Select which entity type to ingest accessed URLs as. Options include: ◦ Indicators ◦ Attributes This parameter will only be accessible if you have selected the Accessed URLs option for the **Context Filter** parameter.
Accessed URL Status	Select the status that should be applied to the accessed URLs. Options include: ◦ Review *(Default)* ◦ Active ◦ Indirect

PARAMETER	DESCRIPTION
	This parameter will only be accessible if you have selected the `Indicators` option for the **Ingest Accessed URLs As** parameter.
Disable Proxies	Enable this option if the feed should not honor proxies set in the ThreatQ UI.
Enable SSL Verification	Enable this parameter for the feed to validate the host-provided SSL certificate. This option is enabled by default.



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

Intel 471 Compromised Credentials

The Intel 471 Compromised Credentials feed imports compromised credentials from Intel 471's cloud API in order to track internal credentials that have been compromised.

`GET https://api.intel471.cloud/integrations/creds/v1/credentials/occurrences/stream`

Sample Response:


```
{
  "count": 1,
  "credential_occurrences": [
    {
      "id": "cred-occurrence--dc5e2ec0-bb5f-51dd-ab51-6a083f9bd61c",
      "data": {
        "file_path": "/2026-05-16/FE98AG723573_ISM/",
        "accessed_url": "http://acmecorp471.com/login.php",
        "credential": {
          "id": "cred--10aca35f-0d17-5880-952d-65ac76c3556d",
          "credential_login": "andrewgregory@acmecorp471-
customers.com",
          "credential_domain": "acmecorp471-customers.com",
          "detection_domain": "acmecorp471-customers.com",
          "affiliations": [
            "my_customers"
          ],
          "password": {
            "strength": "weak",
            "id": "163d1a38"
          }
        },
        "credential_set": {
          "id": "cred-set--94c49f73-563d-54b8-9676-7620f6621acd",
          "name": "Information-stealer logs (DEMO ONGOING)"
        },
        "info_stealer": {
          "malware_family": "Arcane"
        }
      },
```

```
      "classification": {
        "girs": [
          {
            "path": "1.1.5",
            "name": "Information-stealer malware"
          },
          {
            "path": "4.2.2",
            "name": "Compromised credentials"
          }
        ]
      },
      "last_updated_ts": "2026-05-16T06:30:03.973Z",
      "activity": {
        "first_seen_ts": "2026-05-16T06:30:03.973Z",
        "last_seen_ts": "2026-05-16T06:30:03.973Z"
      }
    }
  ]
}
```


ThreatQuotient provides the following default mapping for this feed:

> The mapping for this feed is based on each item within the `.credential_occurrences` array.

FEED DATA PATH	THREATQ ENTITY	THREATQ OBJECT TYPE OR ATTRIBUTE KEY	PUBLISHED DATE	EXAMPLES	NOTES
`.data.credential.credential_login`	Compromised Account	Value	`.activity.first_seen_ts`	`andrewgregory@acmecorp471-customers.com`	Treated as a Compromised Account entity
`.data.info_stealer.malware_family`	Malware	Value	`.activity.first_seen_ts`	Arcane	Configurable via user-field
`.data.credential_set.name`	Adversary	Name	`.activity.first_seen_ts`	N/A	Configurable via user-field; extrapolated from credential set names when they contain actor text
`.data.credential.password.strength`	CompromisedAccount.Attribute	Password Strength	`.activity.first_seen_ts`	weak, excellent	Stored as attribute
`.last_updated_ts`	CompromisedAccount.Attribute	Last Updated	`.activity.first_seen_ts`	`2026-05-16T06:30:03.973Z`	Configurable via user-field

FEED DATA PATH	THREATQ ENTITY	THREATQ OBJECT TYPE OR ATTRIBUTE KEY	PUBLISHED DATE	EXAMPLES	NOTES
.activity.last_seen_ts	CompromisedAccount.Attribute	Last Seen	.activity.first_seen_ts	2026-05-16T06:30:03.973Z	Configurable via user-field
.data.software_name	CompromisedAccount.Attribute	Software Name	.activity.first_seen_ts	Mozilla/5.0 ... Safari/535.46.6	Configurable via user-field; only present on some records
.data.credential_type	CompromisedAccount.Attribute	Credential Type	.activity.first_seen_ts	infostealer	Configurable via user-field
.data.info_stealer.infection_ts	CompromisedAccount.Attribute	Infection Timestamp	.activity.first_seen_ts	2020-10-12T14:58:33Z	Configurable via user-field; only present when info_stealer exists
.data.info_stealer.os	CompromisedAccount.Attribute	OS	.activity.first_seen_ts	Windows 10 x64	Configurable via user-field; only present when info_stealer exists
.classification.girs[]	CompromisedAccount.Attribute	GIR	.activity.first_seen_ts	1.1.5 - Information-stealer malware	When Fetch GIR Names is disabled, only the GIR path is retained
.data.credential.id	CompromisedAccount.Attribute	Intel471 Verity Link	.activity.first_seen_ts	https://verity.intel471.com/credentials-dashboard/details/...	Links back to Intel 471 Verity
.data.credential.affiliations	CompromisedAccount.Attribute	Affiliation	.activity.first_seen_ts	my_employees, my_customers	Stored as attribute
.data.file_path	CompromisedAccount.Attribute	File Path	.activity.first_seen_ts	/2026-05-16/FE98AG723573_ISM/	Stored as attribute
.data.credential.detection_domain	CompromisedAccount.Attribute	Affected Site	.activity.first_seen_ts	acmecorp471.com	Stored as attribute
.data.credential_set.name	CompromisedAccount.Attribute	Credential Set	.activity.first_seen_ts	Information-stealer logs (DEMO ONGOING)	Configurable via user-field
.data.accessed_url	CompromisedAccount.Attribute or Indicator.Value	Accessed URL	.activity.first_seen_ts	http://acmecorp471.com/login.php	Ingested as either an attribute or indicator based on user selection
.data.credential.id	Indicator.Attribute	Intel471 Verity Link	.activity.first_seen_ts	https://verity.intel471.com/credentials-dashboard/details/...	Applied when Accessed URLs are ingested as indicators
.classification.girs[]	Indicator.Attribute	GIR	.activity.first_seen_ts	4.2.2 - Compromised credentials	Applied when Accessed URLs are ingested as indicators
Literal	Indicator.Attribute	Source Feed	.activity.first_seen_ts	Intel 471 Compromised Credentials	Applied when Accessed URLs are ingested as indicators

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	3 minutes
Compromised Accounts	398
Compromised Account Attributes	5,915
Indicators	6
Indicators Attributes	423
Malware	2

Change Log

- **Version 2.0.0**
  - Migrated the primary feed to the Intel 471 Credentials Stream API endpoint: `https://api.intel471.cloud/integrations/creds/v1/credentials/occurrences/stream`.
  - Updated authentication to use Basic authentication with `client_id` and `client_secret`.
  - Updated feed query parameters to use `last_updated_from`, `last_updated_until`, `size`, and `cursor` for data retrieval and pagination.
  - Removed the supplemental GIR feed, as GIR names are now provided directly by the stream API through the `classification.girs` field.
  - Added support for ingesting the following additional attributes:
    - `Last Updated`
    - `Last Seen`
    - `Software Name`
    - `Credential Type`
    - `Infection Timestamp`
    - `Operating System (OS)`
- **Version 1.1.2**
  - Implemented indicator deduplication and enhanced data validation to resolve attribute ingestion failures.
- **Version 1.1.1 rev-a**
  - Guide Update - updated custom object installation steps for ThreatQ v6 instances.
- **Version 1.1.1**
  - Updated the integration to use the `/credentials/occurrences/steam` endpoint which supports Accessed URLs and removes the 1,000 credential return limit.
- **Version 1.1.0**
  - Updated the feed to use the `/credentials/occurrences` endpoint.

- Updated the feed to optimize overall performance, ThreatQuotient integration standards, and to provide more granular control over the data ingested.
- Added the following configuration parameters:
  - **Fetch Accessed URLs** - fetches the accessed URLs for each compromised credential.
  - **Fetch GIR Names** - ability to select whether to fetch the GIR name or raw value.
  - **Ignore Numeric Credentials** - ability to skip ingestion of compromised credentials with usernames that consist solely of numeric values.
  - **Context Filter** - allows you to select which pieces of context to ingest with the compromised credentials.
  - **Ingest Accessed URLs As** - allows you to determine whether to ingest accessed URLs as indicators or attributes.
  - **Accessed URL Status** - allows you to select the status that should be applied to the accessed URLs.
  - **Disable Proxies** - allows you to determine whether or not the feed honors the proxy configuration set in the ThreatQ UI.
  - **Enable SSL Verification** - allows you to determine if the feed should validate the host-provided SSL certificate.
- Removed the **Ingest Compromised Passwords as Attributes** configuration parameter.

- **Version 1.0.0**
  - Initial release