ThreatQuotient

A Securonix Company

Recorded Future Compromised Credentials CDF

Version 1.0.0

May 26, 2026

ThreatQuotient
20130 Lakeview Center Plaza Suite 400
Ashburn, VA 20147

ThreatQ Supported

Support
Email: tq-support@securonix.com
Web: https://ts.securonix.com
Phone: 703.574.9893

Contents

Warning and Disclaimer

ThreatQuotient, Inc. provides this document “as is”, without representation or warranty of any kind, express or implied, including without limitation any warranty concerning the accuracy, adequacy, or completeness of such information contained herein. ThreatQuotient, Inc. does not assume responsibility for the use or inability to use the software product as a result of providing this information.

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

Integrations/apps/add-ons designated as **ThreatQ Supported** are fully supported by ThreatQuotient's Customer Support team.

ThreatQuotient strives to ensure all ThreatQ Supported integrations will work with the current version of ThreatQuotient software at the time of initial publishing. This applies for both Hosted instance and Non-Hosted instance customers.

ThreatQuotient does not provide support or maintenance for integrations, apps, or add-ons published by any party other than ThreatQuotient, including third-party developers.

Integration Details

ThreatQuotient provides the following details for this integration:

Current Integration Version	1.0.0
Compatible with ThreatQ Versions	>= 5.12.1
Support Tier	ThreatQ Supported

Introduction

The Recorded Future Compromised Credentials CDF integration enables ThreatQ to ingest identity exposure and compromised credential detections from Recorded Future's Identity API into the ThreatQ platform. The integration is designed to help organizations identify, track, and operationalize compromised account intelligence by ingesting exposed credential data as structured threat intelligence objects within ThreatQ.

The integration provides the following feed:

- **Recorded Future Compromised Credentials** - ingests Compromised Account objects as the primary entity and, when enabled and available in the source data, ingests related Indicator objects associated with the compromised account.

The integration ingests the following system objects:

- Compromised Accounts (custom object)
- Indicators

Prerequisites

The following is required to install and run the integration:

- A Recored Future API Key.
- The Compromised Account custom object installed on your ThreatQ instance. This object must be installed prior to attempting to install the integration.

Compromised Account Custom Object

The integration requires the compromised account custom object.

Use the steps provided to install the 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 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. Navigate to the tmp folder:

```
cd /tmp/
```

5. Create a new directory for the custom object files:

```
mkdir <integration_name>
```

6. Upload the custom object files, including the images folder, to the new directory.
7. Navigate to the integration name directory if you have not done so already.

   The directory structure should be as the following:

   - tmp
     - <integration_name>
       - install.sh
       - account.json
       - images (directory)
         - account.svg
8. Run the following command to ensure you have the proper permissions to install the custom object:

   ```
   chmod +x install.sh
   ```
9. Run the install script:

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

   ⚠ You must be in the directory that houses the install.sh and json file 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.
10. Remove the temporary directory, after the custom object has been installed, as the files are no longer needed:

    ```
    rm -rf <integration_name>
    ```

Installation

> The CDF requires the installation of the Compromised Account custom object before installing the actual CDF. See the Prerequisites chapter 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 contents of the zip and install the required Compromised Card custom object.
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 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).

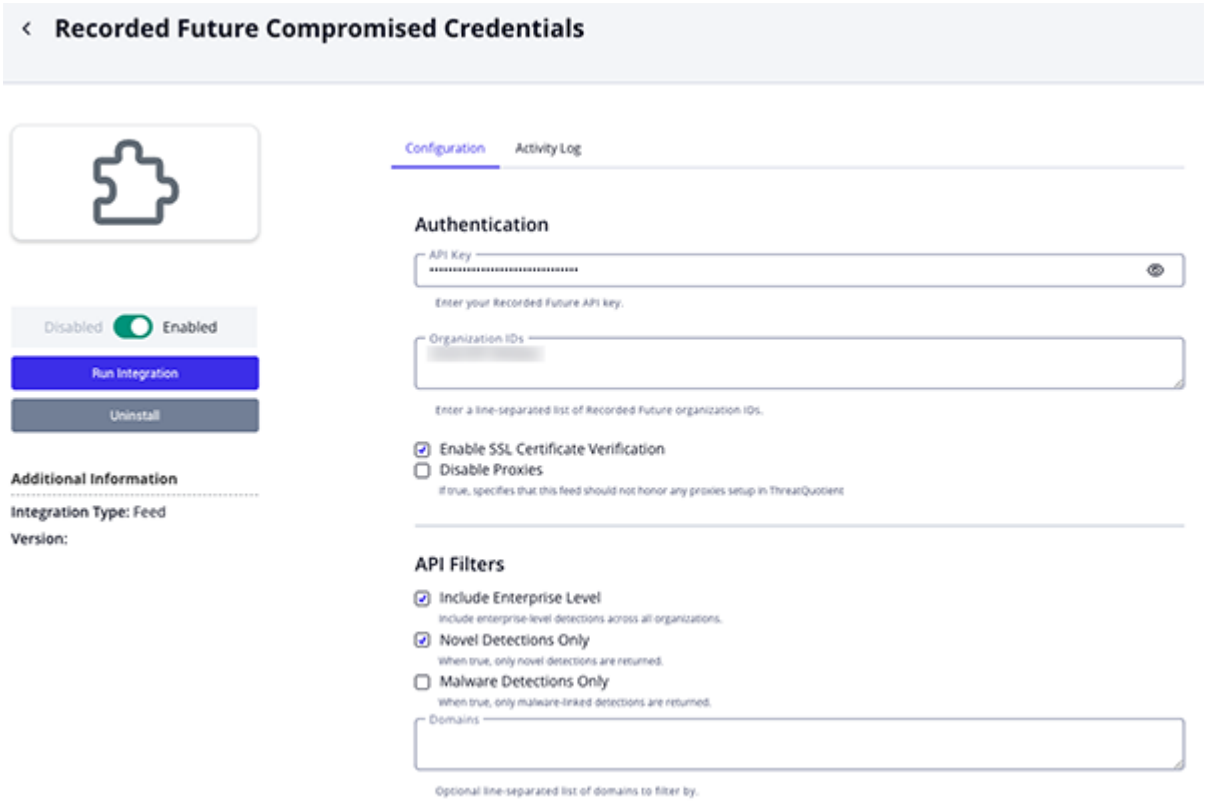
   If you are installing the integration for the first time, it will be located under the **Disabled** tab.
3. Click on the integration entry to open its details page.
4. Enter the following parameters under the **Configuration** tab:

PARAMETER	DESCRIPTION
API Key	Enter your Recorded Future API Key.
Organization IDs	Enter a line-separated list of Recorded Future organization IDs.
Enable SSL Certificate Verification	Enable this parameter if the feed should validate the host-provided SSL certificate.
Disable Proxies	Enable this parameter if the feed should not honor proxies set in the ThreatQ UI.
Include Enterprise Level	Enable this parameter to include enterprise-level detections across all organizations. This parameter is enabled by default.
Novel Detections Only	Enable this parameter to have the feed only return novel detections. This parameter is disabled by default.

PARAMETER	DESCRIPTION
Malware Detections Only	Enable this parameter to have the feed only return malware-linked detections. This parameter is disabled by default.
Domains	Optional - enter a line-separated list of domains to use with `filter.domains`.
Detection Types	Optional - enter a line-separated list to use with `filter.detection.types`.
Source Types	Optional - enter a line-separated list to use with `filter.source.type`.
Detection Type	Optional - select the request body `filter.detection_type value`. Options include: ◦ All *(default)* ◦ Workforce ◦ External ◦ VIP
Cookie Filter	Optional - select a value for `filter.cookies`. Options include: ◦ None *(default)* ◦ Cookies ◦ Unexpired Cookies
Authorization Technology IDs	Optional - enter a line-separated list of Recorded Future authorization technology IDs.
Authorization Technology Any	Enable this parameter to use any-match behavior for the authorization technology filter. This parameter is disabled by default.

PARAMETER	DESCRIPTION
	This option is available only when **Authorization Technology IDs** parameter is being used.
Result Limit Per Request	Enter the maximum detections per request. Recorded Future allows up to `1000`. The default value is `100`.
Account Context	Select which pieces of context are ingested with the compromised account. Options include: ◦ Detection ID *(default)* ◦ Detection Type *(default)* ◦ Source Type *(default)* ◦ Novel Flag *(default)* ◦ Password Type *(default)* ◦ Cleartext Hint *(default)* ◦ Password Properties *(default)* ◦ Authorization URL *(default)* ◦ Affected Domain *(default)* ◦ Authorization Protocols *(default)* ◦ Authorization Technologies *(default)* ◦ Dump Type *(default)* ◦ Dump City *(default)* ◦ Dump State *(default)* ◦ Dump Country *(default)* ◦ Dump Country Code *(default)* ◦ Breached Name *(default)* ◦ Breached Domain *(default)* ◦ Breached Type *(default)* ◦ Breached Date *(default)* ◦ Breached Start *(default)* ◦ Breached Stop *(default)*

PARAMETER	DESCRIPTION
	◦ Dump Name *(default)* ◦ Dump Source *(default)* ◦ Dump Description *(default)* ◦ Dump Downloaded At *(default)* ◦ Breached Precision *(default)* ◦ Breached Description *(default)* ◦ Breached Site Description *(default)*
Relate Password Hashes as Indicators	Enable this parameter to ingest password hashes as indicators related to the compromised account. This parameter 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

Recoded Future Compromised Credentials

The Recorded Future Compromised Credentials feed imports compromised credential detections from Recorded Future's Identity API and represents each detection as a **Compromised Account** object within ThreatQ. Related dump, breach, password, and authorization service context is mapped as attributes on the compromised account. Password hashes can also be optionally ingested as related indicator objects.

`POST https://api.recordedfuture.com/identity/detections`

Sample Body:

```
{
  "organization_id": [
    "uhash:ER135KQ6oL"
  ],
  "include_enterprise_level": true,
  "filter": {
    "novel_only": false,
    "malware_only": false,
    "domains": [],
    "detection_types": [],
    "source_type": [],
    "created": {
      "gte": "2020-01-07T04:16:18.116Z",
      "lt": "2026-05-14T04:16:18.116Z"
    },
    "detection_type": ""
  },
  "limit": 100
}
```

Sample Response (truncated):

```
{
    "total": 1,
    "detections": [
        {
            "id": "aaad1a4d93d8cee51b3fc877125d3971",
            "novel": true,
            "type": "Workforce",
```

```
            "source_type": "MalwareCombolists",
            "subject": "jerry.wu@threatq.com",
            "password": {
                "type": "clear",
                "cleartext_hint": "Un",
                "properties": [
                    "Letter",
                    "Number"
                ],
                "hashes": [
                    {
                        "algorithm": "SHA1",
                        "hash":
"5d74bb0119d26a9f83789213055e8acfe05b786c"
                    },
                    {
                        "algorithm": "SHA256",
                        "hash":

"aeec637ef53bc1d3a601c1271b95e26a69088ed7db7a4879aaab235f6719f927"
                    }
                ]
            },
            "authorization_service": {
                "url": "https://threatq.okta.com",
                "domain": "okta.com",
                "fqdn": "threatq.okta.com",
                "protocols": [
                    "https"
                ],
                "technology": [
                    {
                        "name": "Authentication"
                    },
                    {
                        "name": "Okta"
                    }
                ]
            },
            "dump": {
                "name": "Pure Incubation Ventures Dump 2024",
                "source": "dump:pureincubation/",
```

```
                "description":
                    "The database includes customer and company
identification (ID) numbers,"
                    " full names, email and physical addresses, phone
numbers, hashed "
                    "passwords, company email domains, company names,
company sizes, "
                    "company revenues, industries, job titles, and
more",
                "downloaded": "2024-09-27T13:09:06.299Z",
                "type": "TextDataDump",
                "breaches": [
                    {
                        "name": "Pure Incubation Ventures Breached
2024",
                        "domain": "pureincubationventures.com",
                        "type": "Breach",
                        "breached": "2024-01-31T22:00:00.000Z",
                        "start": "2024-01-31T22:00:00.000Z",
                        "stop": "2024-02-29T21:59:59.000Z",
                        "precision": "month",
                        "description":
                            "On 15 August, 2024, KryptonZombie, a
member of BreachForums 2, "
                            "shared a data set containing credentials
from Pure Incubation "
                            "Ventures (pureincubationventures.com), a
specialized investment "
                            "firm focused on providing financial and
operational expertise to "
                            "technology companies.",
                        "site_description":
                            "a specialized investment firm focused on
providing financial "
                            "and operational expertise to technology
companies"
                    }
                ],
                "location": {
                    "country": {
                        "name": "United States of America (the)",
                        "displayName": "United States of America",
```

```
                        "countryCode": "840",
                        "alpha2Code": "US",
                        "alpha3Code": "USA"
                    },
                    "city": "Reston",
                    "address1": "11400 Commerce Park Dr Ste 200",
                    "state": "VA",
                    "zip": "20191"
                }
            },
            "created": "2026-04-01T00:00:00.000Z"
        }
    ]
}
```

ThreatQuotient provides the following default mapping for this feed:

FEED DATA PATH	THREATQ ENTITY	THREATQ OBJECT TYPE OR ATTRIBUTE KEY	PUBLISHED DATE	EXAMPLES	NOTES
.subject	Compromised Account	Value	.created	jerry.wu@threatq.com	Primary compromised account value
.id	CompromisedAccount.Attribute	Identity Detection ID	.created	aaad1a4d93d8cee51b3fc877125d3971	Useful for provider-side correlation
.type	CompromisedAccount.Attribute	Detection Type	.created	Workforce	User-configurable
.source_type	CompromisedAccount.Attribute	Source Type	.created	MalwareCombolists, DatabaseCombolists, DatabaseDumps	User-configurable
.novel	CompromisedAccount.Attribute	Is Novel	.created	true	Boolean value stored as an attribute
.password.type	CompromisedAccount.Attribute	Password Type	.created	clear	User-configurable
.password.cleartext_hint	CompromisedAccount.Attribute	Cleartext Hint	.created	Un, Ah, lo	User-configurable
.password.properties[]	CompromisedAccount.Attribute	Password Property	.created	Letter, Number, AtLeast16Characters	Multi-valued; user-configurable
.authorization_service.url	CompromisedAccount.Attribute	Authorization URL	.created	https://threatq.okta.com, zoom.us/signin	User-configurable
.authorization_service.fqdn	CompromisedAccount.Attribute	Affected Domain	.created	threatq.okta.com, zoom.us	Preferred source for Affected Domain
.authorization_service.domain	CompromisedAccount.Attribute	Affected Domain	.created	okta.com, zoom.us	Used only when .authorization_service.fqdn is not present
.authorization_service.protocols[]	CompromisedAccount.Attribute	Authorization Protocol	.created	https	Multi-valued; user-configurable

FEED DATA PATH	THREATQ ENTITY	THREATQ OBJECT TYPE OR ATTRIBUTE KEY	PUBLISHED DATE	EXAMPLES	NOTES
.authorization_service.technology[].name	CompromisedAccount.Attribute	Authorization Technology	.created	Authentication, Okta	Multi-valued; deduplicated during ingestion
.dump.name	CompromisedAccount.Attribute	Dump Name	.created	April 2026 Malware Combo Lists	User-configurable
.dump.source	CompromisedAccount.Attribute	Dump Source	.created	dump:april_2026_malware_combo/	User-configurable
.dump.description	CompromisedAccount.Attribute	Dump Description	.created	April 2026 Malware Combo Lists is a collection...	User-configurable
.dump.downloaded	CompromisedAccount.Attribute	Dump Downloaded At	.created	2026-04-01T00:00:00.000Z	User-configurable
.dump.type	CompromisedAccount.Attribute	Dump Type	.created	Combo List, SQL Dump	User-configurable
.dump.location.city	CompromisedAccount.Attribute	Dump City	.created	Reston	User-configurable
.dump.location.state	CompromisedAccount.Attribute	Dump State	.created	VA	User-configurable
.dump.location.country.displayName	CompromisedAccount.Attribute	Dump Country	.created	United States	Falls back to .dump.location.country.name when needed
.dump.location.country.alpha2Code	CompromisedAccount.Attribute	Dump Country Code	.created	US	Falls back to .dump.location.country.countryCode when needed
.dump.breaches[].name	CompromisedAccount.Attribute	Breached Name	.created	Animoto Breached 2018	Multi-valued; user-configurable
.dump.breaches[].domain	CompromisedAccount.Attribute	Breached Domain	.created	animoto.com	Multi-valued; user-configurable
.dump.breaches[].type	CompromisedAccount.Attribute	Breached Type	.created	Breach	Multi-valued; user-configurable
.dump.breaches[].breached	CompromisedAccount.Attribute	Breached Date	.created	2018-07-10T00:00:00.000Z	Multi-valued; user-configurable
.dump.breaches[].start	CompromisedAccount.Attribute	Breached Start	.created	2018-07-10T00:00:00.000Z	Multi-valued; user-configurable
.dump.breaches[].stop	CompromisedAccount.Attribute	Breached Stop	.created	2018-07-10T23:59:59.000Z	Multi-valued; user-configurable
.dump.breaches[].precision	CompromisedAccount.Attribute	Breached Precision	.created	day, month, year	Multi-valued; user-configurable
.dump.breaches[].description	CompromisedAccount.Attribute	Breached Description	.created	In July 2018, Animoto suffered a breach...	Multi-valued; user-configurable
.dump.breaches[].site_description	CompromisedAccount.Attribute	Breached Site Description	.created	Animoto is a cloud-based video maker service...	Multi-valued; user-configurable
.password.hashes[?algorithm=="SHA1"].hash	Related Indicator.Value	SHA-1	.created	5d74bb0119d26a9f83789213055e8acfe05b786c	Optional; related to the compromised account when hash ingestion is enabled

FEED DATA PATH	THREATQ ENTITY	THREATQ OBJECT TYPE OR ATTRIBUTE KEY	PUBLISHED DATE	EXAMPLES	NOTES
.password.hashes[?algorithm=="SHA256"].hash	Related Indicator.Value	SHA-256	.created	aeec637ef53bc1d3a601c1271b95e26a69088ed7db7a4879aaab235f6719f927	Optional; related to the compromised account when hash ingestion is enabled
.password.hashes[?algorithm=="NTLM"].hash	Related Indicator.Value	MD5	.created	30fa543d66ee55b789f6a68feb560072	NTLM is mapped to MD5 in ThreatQ for compatibility
.password.hashes[?algorithm=="MD5"].hash	Related Indicator.Value	MD5	.created	a446ae245c82a83984c9c7b9d210803b	Optional; related to the compromised account when hash ingestion is enabled
.id	Related Indicator.Attribute	Identity Detection ID	.created	aaad1a4d93d8cee51b3fc877125d3971	Added to related hash indicators for provider-side correlation

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
Compromised Accounts	13
Compromised Account Attributes	302
Indicators	30
Indicator Attributes	84

Change Log

- **Version 1.0.0**
  - Initial release