ThreatQuotient

SOCRadar CDF

Version 1.0.0

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ThreatQ Supported

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Contents

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

Support Email: support@threatq.com
Support Web: https://support.threatq.com
Support Phone: 703.574.9893

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Integration Details

ThreatQuotient provides the following details for this integration:

Current Integration Version	1.0.0
Compatible with ThreatQ Versions	>= 5.19.0
Support Tier	ThreatQ Supported

Introduction

The SOCRadar CDF allows ThreatQ users to pull in data, such as feeds, leaks, alarms, and vulnerabilities, from SOCRadar's API.

SOCRadar is an Extended Threat Intelligence (XTI) tool that is enriched with External Attack Surface Management and Digital Risk Protection. SOCRadar's XTI product combines External Attack Surface Management, Digital Risk Protection, and Cyber Threat Intelligence modules to improve your security posture.

The integration provides the following feeds:

- **SOCRadar Threat Feed** - ingests indicators from SOCRadar's Threat Feeds.
- **SOCRadar Leaks** - ingests leaked credentials for identities within your organization's SOCRadar tenant.
- **SOCRadar Alarms** - ingests alarms from your organization's SOCRadar tenant.
- **SOCRadar Vulnerabilities** - ingests vulnerabilities related to your organization's assets, tracked in your SOCRadar tenant.

The integration ingests the following system object types:

- Assets
- Events
- Identities
- Indicators
- Vulnerabilities

Prerequisites

The following is required to run the integration:

- A SOCRadar License & API Key

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 yaml file.
3. Navigate to the integrations management page on your ThreatQ instance.
4. Click on the **Add New Integration** button.
5. 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
6. Select the individual feeds to install, when prompted and click **Install**.

   > 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(s) 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).

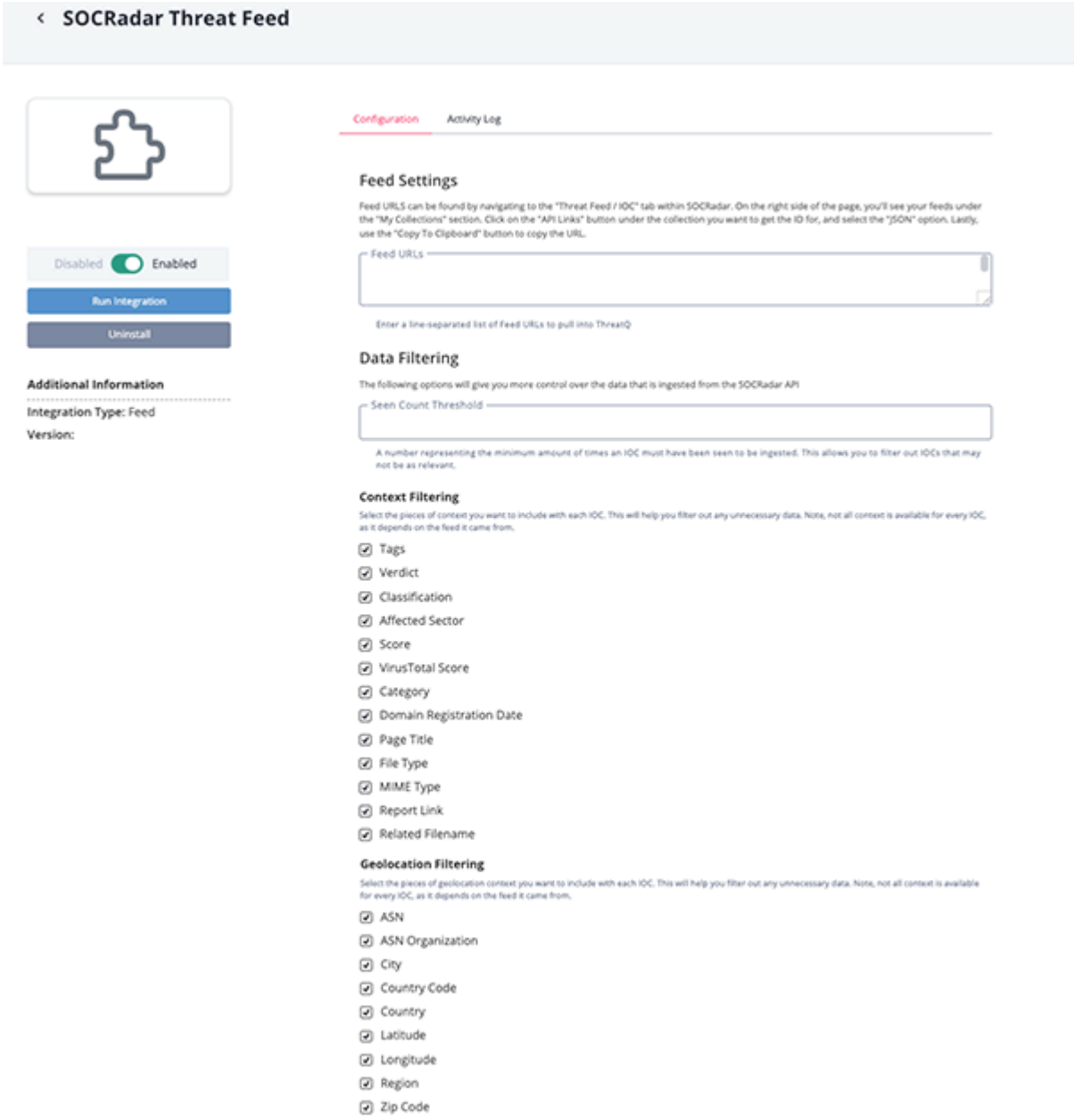
   > If you are installing the integration for the first time, it will be located under the **Disabled** tab.

3. Click on the integration entry to open its details page.
4. Enter the following parameters under the **Configuration** tab:

Threat Feed Parameters

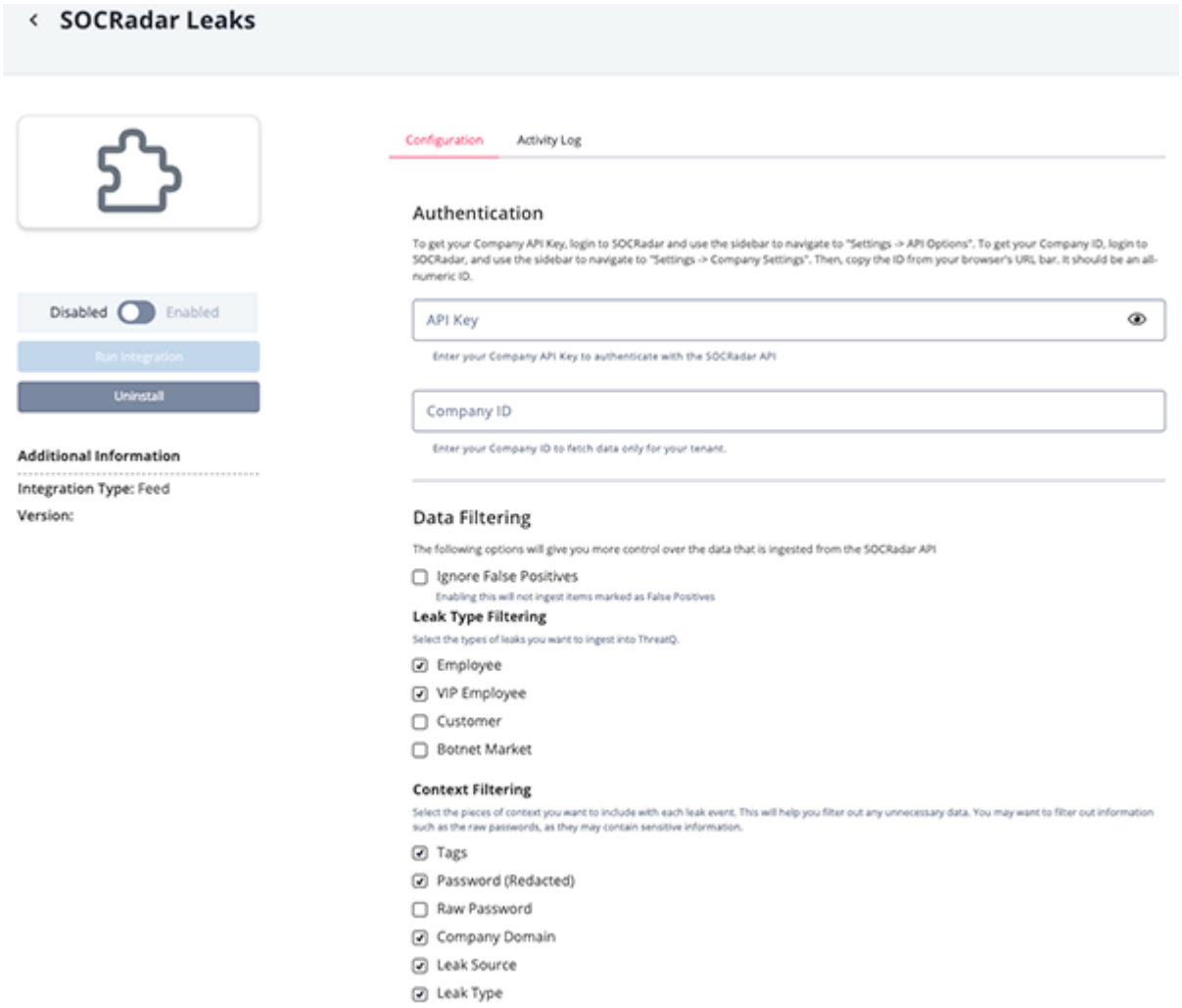
PARAMETER	DESCRIPTION
Feed URLs	Enter a line-separated list of Feed URLs to pull into ThreatQ.
Seen Count Threshold	Enter the minimum number of times an IOC has been seen before ingesting. The default value is 1.
Context Filtering	Select the pieces of context to include with each IOC. Options include: ◦ Tags (default) ◦ Verdict (default) ◦ Classification (default) ◦ Affected Sector (default) ◦ Score (default) ◦ VirusTotal Score (default) ◦ Category (default) ◦ Domain Registration Date ◦ Page Title ◦ File Type ◦ MIME Type ◦ Report Link ◦ Related Filename

PARAMETER	DESCRIPTION
	Not all context is available for every IOC.
Geolocation Filtering	Select the pieces of geolocation to include with each IOC. Options include: ◦ ASN ◦ ASN Organization ◦ City ◦ Country Code (default) ◦ Country ◦ Latitude ◦ Longitude ◦ Region ◦ Zip Code Not all context is available for every IOC.


SOCRadar Threat Feed
Disabled
Enabled
Run Integration
Uninstall
Additional Information
Integration Type: Feed
Version:
Configuration
Activity Log
Feed Settings
Feed URLs
Enter a line-separated list of Feed URLs to pull into ThreatQ
Data Filtering
The following options will give you more control over the data that is ingested from the SOCRadar API
Seen Count Threshold
A number representing the minimum amount of times an IOC must have been seen to be ingested. This allows you to filter out IOCs that may not be as relevant.
Context Filtering
Select the pieces of context you want to include with each IOC. This will help you filter out any unnecessary data. Note, not all context is available for every IOC, as it depends on the feed it came from.
Tags
Verdict
Classification
Affected Sector
Score
VirusTotal Score
Category
Domain Registration Date
Page Title
File Type
MIME Type
Report Link
Related Filename
Geolocation Filtering
Select the pieces of geolocation context you want to include with each IOC. This will help you filter out any unnecessary data. Note, not all context is available for every IOC, as it depends on the feed it came from.
ASN
ASN Organization
City
Country Code
Country
Latitude
Longitude
Region
Zip Code

Leaks Parameters

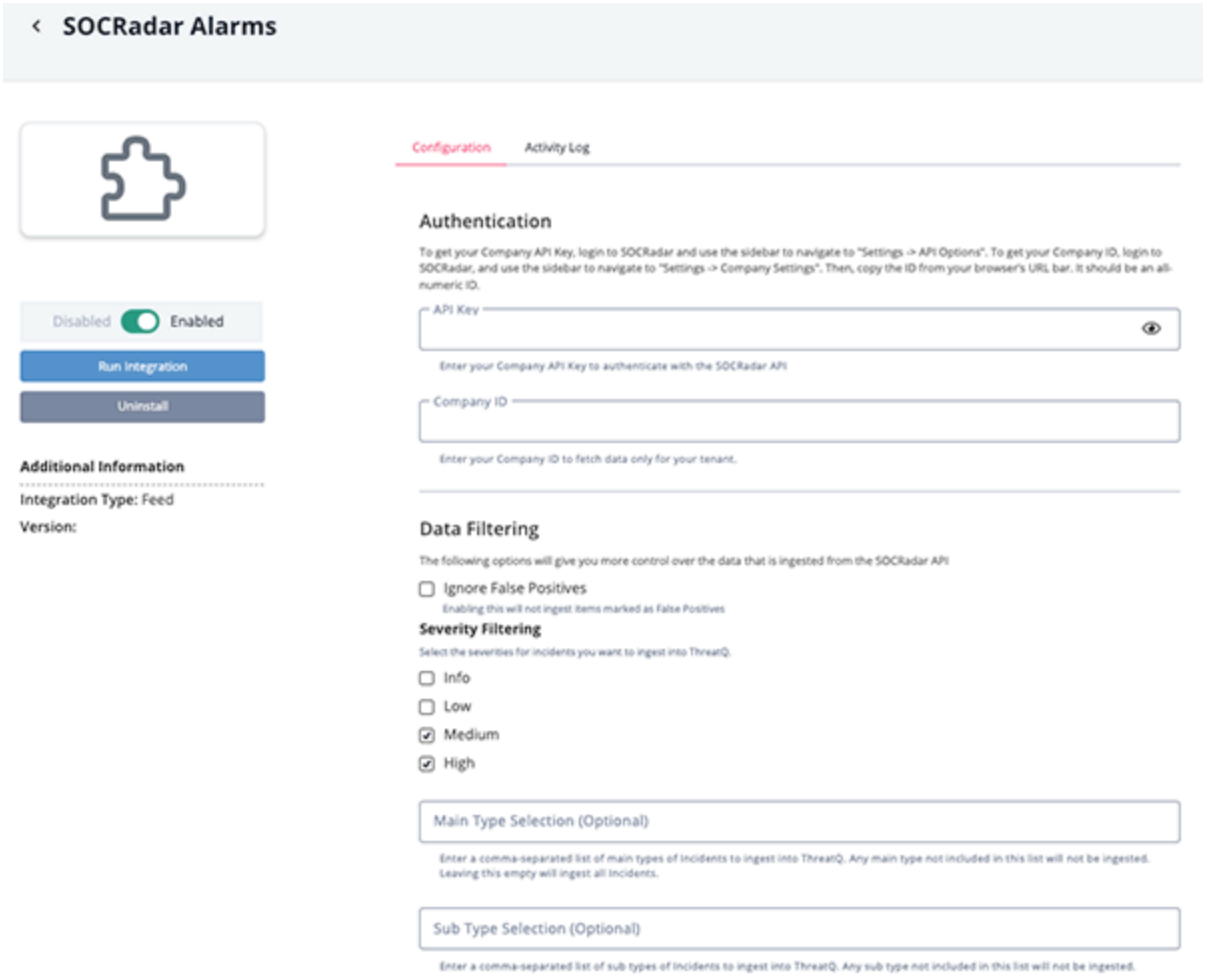
PARAMETER	DESCRIPTION
API Key	Enter your Company API Key to authenticate with the SOCRadar API.
Company ID	Enter your Company ID to fetch data only for your tenant.
Leak Type Filtering	Select the types of leaks to ingest into ThreatQ. Options include: ◦ Employee (default) ◦ VIP Employee (default) ◦ Customer ◦ Botnet Market
Context Filtering	Select the pieces of context to include with each leak event. This will help you filter out any unnecessary data. You may want to filter out information such as the raw passwords, as they may contain sensitive information. Options include: ◦ Tags (default) ◦ Password (Redacted) (default) ◦ Taw Password ◦ Company Domain (default) ◦ Leak Source (default) ◦ Password Type ◦ Line Number ◦ Is False Positive (default) ◦ False Positive Notes (default) ◦ Alarm Link


SOCRadar Leaks
Disabled
Enabled
Run Integration
Uninstall
Additional Information
Integration Type: Feed
Version:
Configuration
Activity Log
Authentication
To get your Company API Key, login to SOCRadar and use the sidebar to navigate to "Settings -> API Options". To get your Company ID, login to SOCRadar, and use the sidebar to navigate to "Settings -> Company Settings". Then, copy the ID from your browser's URL bar. It should be an all-numeric ID.
API Key
Enter your Company API Key to authenticate with the SOCRadar API
Company ID
Enter your Company ID to fetch data only for your tenant.
Data Filtering
The following options will give you more control over the data that is ingested from the SOCRadar API
Ignore False Positives
Enabling this will not ingest items marked as False Positives
Leak Type Filtering
Select the types of leaks you want to ingest into ThreatQ.
Employee
VIP Employee
Customer
Botnet Market
Context Filtering
Select the pieces of context you want to include with each leak event. This will help you filter out any unnecessary data. You may want to filter out information such as the raw passwords, as they may contain sensitive information.
Tags
Password (Redacted)
Raw Password
Company Domain
Leak Source
Leak Type

Alarms Parameters

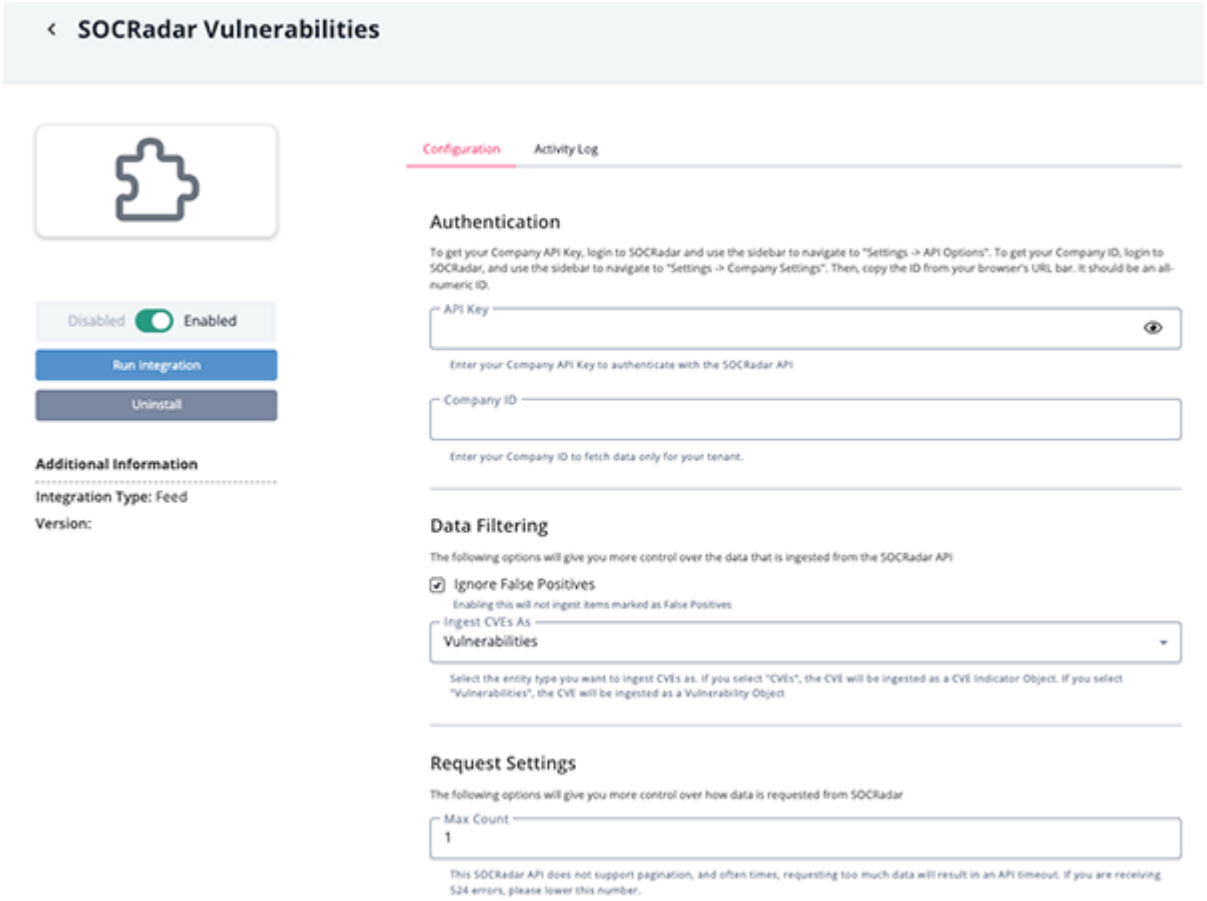
PARAMETER	DESCRIPTION
API Key	Enter your Company API Key to authenticate with the SOCRadar API.
Company ID	Enter your Company ID to fetch data only for your tenant.
Ignore False Positives	Enabling this will not ingest items marked as False Positives.
Severity Filtering	Select the severities for incidents you want to ingest into ThreatQ. Options include: ◦ Info ◦ Low ◦ Medium (default) ◦ High (default)
Main Type Selection	Optional - enter a comma-separated list of main types of Incidents to ingest into ThreatQ. Any main type not included in this list will not be ingested. Leaving this empty will ingest all Incidents.
Sub Type Selection	Optional - enter a comma-separated list of sub types of Incidents to ingest into ThreatQ. Any sub type not included in this list will not be ingested.
Context Filtering	Select the pieces of context to include with each leak event. This will help you filter out any unnecessary data. Options include: ◦ Tags (default) ◦ Main Type (default) ◦ Sub Type (default) ◦ Group Name (default) ◦ Severity (default) ◦ Related CVEs (default) ◦ CVSS Score (default) ◦ Assets (IPs and Domains) (default) ◦ CPEs ◦ Is Resolved ◦ Resolved Date ◦ Alarm Link

PARAMETER	DESCRIPTION
Ingest CVEs As	Select the entity type to ingest CVEs as. Options include: ◦ CVEs (default) ◦ Vulnerabilities



Vulnerabilities Parameters

PARAMETER	DESCRIPTION
API Key	Enter your Company API Key to authenticate with the SOCRadar API.
Company ID	Enter your Company ID to fetch data only for your tenant.
Ignore False Positives	Enabling this will not ingest items marked as False Positives.
Ingest CVEs As	Select the entity type to ingest CVEs as. Options include: ◦ CVEs (default) ◦ Vulnerabilities
Max Count	Enter the number of objects to return per run. The default value is 500.  SOCRadar API does not support pagination, and often times, requesting too much data will result in an API timeout. Lower this value if you are receiving 524 errors.



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

SOCRadar Threat Feed

The SOCRadar Threat Feed ingests indicators of compromise from the aggregated threat feeds that can be created in SOCRadar. Curate your own collection of threat feeds from the SOCRadar platform and ingest them into ThreatQ.

`GET https://platform.socradar.com/api/threat/intelligence/feed_list/{id}.json`

Sample Response:


```
[
  {
    "extra_info": {
      "classification": "MALICIOUS",
      "file_type": "XLS",
      "first_seen_date": "2023-07-15 07:55:56",
      "last_analyze_date": "2023-07-15T07:57:43",
      "mime_type": "application/vnd.ms-excel",
      "seen_count": 254,
      "subcategory": "macro_hunter",
      "vt_score": 28
    },
    "feed": "76ccf59f41fe4881f6c679248fee163e6045f97d013a1ce7e34d172bdad532d5",
    "feed_type": "hash",
    "first_seen_date": "2023-07-15 08:57:50",
    "latest_seen_date": "2023-07-30 19:03:45",
    "maintainer_name": "Inquest DFI - Malicious"
  },
  {
    "extra_info": {
      "classification": "MALICIOUS",
      "file_type": "OLE",
      "first_seen_date": "2023-07-15 05:34:21",
      "last_analyze_date": "2023-07-15T05:42:20",
      "mime_type": "application/cdfv2",
      "seen_count": 257,
      "subcategory": "macro_hunter",
      "vt_score": 28
    },
    "feed": "f6a12e0263463e53381f00b30d104d59485889c428a17811716bdfd2de80a00d",
    "feed_type": "hash",
    "first_seen_date": "2023-07-15 06:42:41",
    "latest_seen_date": "2023-07-30 19:03:45",
    "maintainer_name": "Inquest DFI - Malicious"
  }
]
```

ThreatQuotient provides the following default mapping for this feed:

> Mappings are based on each item within the API response array.

FEED DATA PATH	THREATQ ENTITY	THREATQ OBJECT TYPE OR ATTRIBUTE KEY	PUBLISHED DATE	EXAMPLES	NOTES
`.feed`	Indicator Value	`.feed_type`	N/A	`.first_seen_date`	The `feed_type` field is mapped to the ThreatQ type
`.extra_info.filename`	Indicator Value	Filename	`.first_seen_date`	N/A	If `Related Filename` selected in `Context Filtering`
`.extra_info.tags`	Indicator Tag	N/A	N/A	`Spyware`	If `Tags` selected in `Context Filtering`
`.extra_info.geo_location.AsnCode`	Attribute	ASN	`.first_seen_date`	`14061`	If `ASN` selected in `Geolocation Filtering`
`.extra_info.geo_location.AsnName`	Attribute	ASN Organization	`.first_seen_date`	`DigitalOcean LLC`	If `ASN Organization` selected in `Geolocation Filtering`
`.extra_info.geo_location.CityName`	Attribute	City	`.first_seen_date`	`Santa Clara`	If `City` selected in `Geolocation Filtering`
`.extra_info.geo_location.CountryCode`	Attribute	Country Code	`.first_seen_date`	`US`	If `Country Code` selected in `Geolocation Filtering`
`.extra_info.geo_location.CountryName`	Attribute	Country	`.first_seen_date`	`United States of America`	If `Country` selected in `Geolocation Filtering`
`.extra_info.geo_location.Latitude`	Attribute	Latitude	`.first_seen_date`	N/A	If `Latitude` selected in `Geolocation Filtering`
`.extra_info.geo_location.Longitude`	Attribute	Longitude	`.first_seen_date`	N/A	If `Longitude` selected in `Geolocation Filtering`
`.extra_info.geo_location.RegionName`	Attribute	Region	`.first_seen_date`	`California`	If `Region` selected in `Geolocation Filtering`
`.extra_info.geo_location.ZipCode`	Attribute	Zip Code	`.first_seen_date`	`95050`	If `Zip Code` selected in `Geolocation Filtering`
`.extra_info.asn_name`	Attribute	ASN Organization	`.first_seen_date`	N/A	If `ASN Organization` selected in `Geolocation Filtering`
`.extra_info.country_code`	Attribute	Country Code	`.first_seen_date`	N/A	If `Country Code` selected in `Geolocation Filtering`
`.extra_info.country_name`	Attribute	Country	`.first_seen_date`	N/A	If `Country` selected in `Geolocation Filtering`
`.extra_info.domain_register_date`	Attribute	Domain Registration Date	`.first_seen_date`	N/A	If `Domain Registration Date` selected in `Context Filtering`
`.extra_info.sector`	Attribute	Affected Sector	`.first_seen_date`	N/A	If `Affected Sector` selected in `Context Filtering`
`.extra_info.title`	Attribute	Page Title	`.first_seen_date`	N/A	If `Page Title` selected in `Context Filtering`
`.extra_info.score`	Attribute	Score	`.first_seen_date`	N/A	If `Score` selected in `Context Filtering`.Updatable

FEED DATA PATH	THREATQ ENTITY	THREATQ OBJECT TYPE OR ATTRIBUTE KEY	PUBLISHED DATE	EXAMPLES	NOTES
`.extra_info.classification`	Attribute	Classification	`.first_seen_date`	`MALICIOUS`	If `Classification` selected in `Context Filtering`.Updatable
`.extra_info.file_type`	Attribute	File Type	`.first_seen_date`	`file_type`	If `File Type` selected in `Context Filtering`
`.extra_info.type`	Attribute	File Type	`.first_seen_date`	`windows_exe_(x86-32)`	If `File Type` selected in `Context Filtering` and IOC is a hash
`.extra_info.mime_type`	Attribute	MIME Type	`.first_seen_date`	`mime_type`	If `MIME Type` selected in `Context Filtering`
`.extra_info.sub_category`	Attribute	Category	`.first_seen_date`	`macro_hunter`	If `Category` selected in `Context Filtering`
`.extra_info.vt_score`	Attribute	VirusTotal Score	`.first_seen_date`	`28`	If `VirusTotal Score` selected in `Context Filtering`
`.extra_info.report_link`	Attribute	Report Link	`.first_seen_date`	N/A	If `Report Link` selected in `Context Filtering`
`.extra_info.verdict`	Attribute	Verdict	`.first_seen_date`	`malicious`	If `Verdict` selected in `Context Filtering`
`.maintainer_name`	Attribute	Source	`.first_seen_date`	`Inquest DFI - Malicious`	N/A

SOCRadar Leaks

The SOCRadar Leaks feed ingests leaked credentials for identities within your organization's SOCRadar tenant.

```
GET https://platform.socradar.com/api/leaks/company/{company_id}/latest
```

Sample Response:


```
{
  "is_success": true,
  "message": "Success",
  "response_code": 200,
  "data": [
    {
      "password": "NULL",
      "raw_password": "NULL",
      "consolidated_alarm_id": null,
      "alarm_id": null,
      "company_id": 14412,
      "domain": "example.com",
      "email": "john.doe@example.com",
      "file_name": "",
      "file_unique_id": "2e612bb73c2849e7b9d8fd45b08c7139",
      "index_time": "1630627200.0",
      "info": "<table align=\"justify\"><tbody><tr><td style=\"vertical-align:
top; width: 150px;\"><b>Breach Domain:</b></td><td style=\"padding-left: 8px;
padding-bottom: 5px;\"><a href=\"Apollo.io\" target=\"_blank\">Apollo.io</a></
td></tr><tr><td style=\"vertical-align: top; width: 150px;\"><b>Breach date:</
b></td><td style=\"padding-left: 8px; padding-bottom: 5px;\">01 July 2018</
td></tr><tr><td style=\"vertical-align: top;\"><b>Publishing date:</b></td><td
style=\"padding-left: 8px; padding-bottom: 5px;\">07 Nov 2020</td></tr><tr><td
style=\"vertical-align: top; width: 150px;\"><b>Compromised accounts:</b></
td><td style=\"padding-left: 8px; padding-bottom: 5px;\">126M</td></tr><tr><td
style=\"vertical-align: top;\"><b>Compromised data:</b></td><td
style=\"padding-left: 8px; padding-bottom: 5px;\">person_name,
person_first_name_unanalyzed, person_last_name_unanalyzed,
person_name_unanalyzed_downcase, person_title, person_functions,
person_seniority, person_email_status_cd, person_extrapolated_email_confidence,
person_email, person_phone, person_sanitized_phone, person_email_analyzed,
person_linkedin_url, person_detailed_function, person_title_normalized,
primary_title_normalized_for_faceting, sanitized_organization_name_unanalyzed,
person_location_city, person_location_city_with_state_or_country,
person_location_state, person_location_state_with_country,
person_location_country, person_location_postal_code, job_start_date,
current_organization_ids, modality, prospected_by_team_ids,
person_excluded_by_team_ids, relavence_boost, person_num_linkedin_connections,
person_location_geojson, predictive_scores, person_vacuumed_at, random, _index,
_type, _id, _score</td></tr><tr><td style=\"vertical-align: top; width: 150px;
\"><b>Detailed info:</b></td><td style=\"padding-left: 8px; padding-bottom:
```

```
5px;\">https://raidforums.com/Thread-Apollo-Database-Leaked-Download</td></
tr></tbody></table>\n",
      "line_number": "",
      "password_type": "raw",
      "tags": "SOCRadar Internal Service",
      "leak_type": "EMPLOYEE",
      "extra_info": {
        "leak_source": "SOCRadar Internal Service"
      },
      "id": 18950559,
      "source": null,
      "is_false_positive": false,
      "false_positive_notes": null,
      "insert_date": "2023-07-28T10:29:59.294897",
      "update_date": "2023-07-28T10:29:59.294898"
    },
    {
      "password": "NULL",
      "raw_password": "NULL",
      "consolidated_alarm_id": null,
      "alarm_id": null,
      "company_id": 14412,
      "domain": "example.com",
      "email": "jane.doe@example.com",
      "file_name": "",
      "file_unique_id": "2e612bb73c2849e7b9d8fd45b08c7139",
      "index_time": "1630627200.0",
      "info": "<table align=\"justify\"><tbody><tr><td style=\"vertical-align:
top; width: 150px;\"><b>Breach Domain:</b></td><td style=\"padding-left: 8px;
padding-bottom: 5px;\"><a href=\"Apollo.io\" target=\"_blank\">Apollo.io</a></
td></tr><tr><td style=\"vertical-align: top; width: 150px;\"><b>Breach date:</
b></td><td style=\"padding-left: 8px; padding-bottom: 5px;\">01 July 2018</
td></tr><tr><td style=\"vertical-align: top;\"><b>Publishing date:</b></td><td
style=\"padding-left: 8px; padding-bottom: 5px;\">07 Nov 2020</td></tr><tr><td
style=\"vertical-align: top; width: 150px;\"><b>Compromised accounts:</b></
td><td style=\"padding-left: 8px; padding-bottom: 5px;\">126M</td></tr><tr><td
style=\"vertical-align: top;\"><b>Compromised data:</b></td><td
style=\"padding-left: 8px; padding-bottom: 5px;\">person_name,
person_first_name_unanalyzed, person_last_name_unanalyzed,
person_name_unanalyzed_downcase, person_title, person_functions,
person_seniority, person_email_status_cd, person_extrapolated_email_confidence,
person_email, person_phone, person_sanitized_phone, person_email_analyzed,
person_linkedin_url, person_detailed_function, person_title_normalized,
primary_title_normalized_for_faceting, sanitized_organization_name_unanalyzed,
person_location_city, person_location_city_with_state_or_country,
person_location_state, person_location_state_with_country,
person_location_country, person_location_postal_code, job_start_date,
current_organization_ids, modality, prospected_by_team_ids,
person_excluded_by_team_ids, relavence_boost, person_num_linkedin_connections,
person_location_geojson, predictive_scores, person_vacuumed_at, random, _index,
_type, _id, _score</td></tr><tr><td style=\"vertical-align: top; width: 150px;
```

```
\"><b>Detailed info:</b></td><td style=\"padding-left: 8px; padding-bottom:
5px;\">https://raidforums.com/Thread-Apollo-Database-Leaked-Download</td></
tr></tbody></table>\n",
      "line_number": "",
      "password_type": "raw",
      "tags": "SOCRadar Internal Service",
      "leak_type": "EMPLOYEE",
      "extra_info": {
        "leak_source": "SOCRadar Internal Service"
      },
      "id": 18950558,
      "source": null,
      "is_false_positive": false,
      "false_positive_notes": null,
      "insert_date": "2023-07-28T10:29:59.276880",
      "update_date": "2023-07-28T10:29:59.276881"
    }
  ]
}
```

ThreatQuotient provides the following default mapping for this feed:

> Mappings are based on each item within the `data` key from the API response.

FEED DATA PATH	THREATQ ENTITY	THREATQ OBJECT TYPE OR ATTRIBUTE KEY	PUBLISHED DATE	EXAMPLES	NOTES
`.leak_type, .email`	Event Title	Leak	`.insert_date`	`EMPLOYEE - jane.doe@example.com`	Fields concatenated together to form title.
`.email`	Identity Value	N/A	`.insert_date`	`john.doe@gmail.com`	N/A
`.extra_info.leak_source`	Attribute	Source	`.insert_date`	SOCRadar Internal Service	If `Leak Source` selected in `Context Filtering`
`.is_false_positive`	Attribute	Is False Positive	`.insert_date`	`false`	If `Is False Positive` selected in `Context Filtering`.Updatable
`.false_positive_notes`	Attribute	False Positive Notes	`.insert_date`	N/A	If `False Positive Notes` selected in `Context Filtering`
`.leak_type`	Attribute	Leak Type	`.insert_date`	`EMPLOYEE`	If `Leak Type` selected in `Context Filtering`
`.password_type`	Attribute	Password Type	`.insert_date`	`raw`	If `Password Type` selected in `Context Filtering`
`.line_number`	Attribute	Line Number	`.insert_date`	N/A	If `Line Number` selected in `Context Filtering`
`.file_name`	Attribute	Filename	`.insert_date`	N/A	If `Filename` selected in `Context Filtering`
`.domain`	Attribute	Company Domain	`.insert_date`	`example.com`	If `Company Domain` selected in `Context Filtering`
`.raw_password`	Attribute	Raw Password	`.insert_date`	N/A	If `Raw Password` selected in `Context Filtering`
`.password`	Attribute	Password	`.insert_date`	N/A	If `Password` selected in `Context Filtering`
`.alarm_id`	Attribute	Alarm Link	`.insert_date`	N/A	If `Alarm Link` selected in `Context Filtering`Concatenated with the portal URL & company ID
`.tags[]`	Tag	N/A	`.insert_date`	`SOCRadar Internal Service`	If `Tags` selected in `Context Filtering`

SOCRadar Alarms

The SOCRadar Alarms feed ingests alarms from your organization's SOCRadar tenant.

`GET https://platform.socradar.com/api/company/{company_id}/incidents/v2`

Sample Response:


```
{
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<li>\n                                                                Make sure
that the newly detected asset is added to the digital asset inventory.\n
</li> \n                                                                <li>\n
Identify risks and weaknesses on the asset(s).\n
</li> \n                                                                <li>\n
Make vulnerability scans and perform security checks on the asset(s).\n
</li>\n                                                               <li>\n
If any weaknesses found should be mitigated according to the risk level they
comprise.\n                                                                </li> \n
</ul>",
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content=\"width=device-width\"/>\n\n    <meta http-equiv=\"Content-Type\"
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Notification</title>\n    <style type=\"text/css\">\n        * {\n
font-family: \"Helvetica Neue\", \"Helvetica\", \"Arial\", \"sans-serif\";
\n        }\n\n        #entities_table hr {\n            display: none;
```

```
\n        }\n    </style>\n</head>\n<body bgcolor=\"#efefef\"\n
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</td>\n                                    </tr>\n
</table>\n                                </td>\n                            </
tr>\n                            </tbody>\n                        </table>\n
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style='font-size:12px;font-family:\"Helvetica Neue\", \"Helvetica\", \"Arial\",
\"sans-serif\"'>We have identified incidents amongst\n
your assets,\n                                        please check them
carefully.</span></p>\n                                    <table
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\"Arial\", \"sans-serif\"'>Incident ID </span>\n
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\n                                                    </td>\n
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\n                                                 <tr>\n
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\n                                                                  Attack Surface
Management\n                                                              \n
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\n                                                                   Internet Asset
Inventory Monitoring\n                                                           \n
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serif\"'>Incident Sub Type </span>\n
</td>\n                                                    <td style=\"padding-top:
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\n\n                                                        \n
EXAMPLE\n                                                       \n\n
<br>\n                                                    \n
</span>\n                                                 </td>\n
</tr>\n                                             \n\n
\n                                                 <tr>\n
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baseline;border-radius: .25em;background-color: #57889c;\">INFO</span>\n
</td>\n                                                             \n
</tr>\n                                                   </table>\n
</td>\n                                               </tr>\n
\n                                        </table>\n
</td>\n                                  </tr>\n\n                                <!--
################ BEGIN SHARE BLOCK ################\n
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<span style='font-size:12px;font-family:\"Helvetica Neue\", \"Helvetica\",
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```

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</td>\n                                                    </tr>\n
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style='font-size:12px;font-family:\"Helvetica Neue\", \"Helvetica\", \"Arial\",
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is shared by ##SHARED BY## </span>\n
</td>\n                                                    </tr>\n\n
##### START COMMENT BLOCK #####\n
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##SHARE COMMENT## </span>\n                                                              </
td>\n                                                 </tr>\n
##### END COMMENT BLOCK #####\n\n                                                       </
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</tr>\n                                  ################## END SHARE BLOCK
##################-->\n\n                             </table>\n
</td>\n                 </tr>\n                 </tbody>\n             </table>\n
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Description\n                                                                  </span>\n
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\n                                                      \n
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<span style='font-size:12px;font-family:\"Helvetica Neue\", \"Helvetica\",
\"Arial\", \"sans-serif\"'>SOCRadar constantly monitors the digital world and
notifies when it discovers new assets about your company. The asset(s) of your
company has been detected!</span>\n
</td>\n                                                                 </tr>\n
\n                                                  \n
</table>\n                                                  \n
\n                                                <table role=\"presentation\"
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\"Arial\", \"sans-serif\";padding-right: 8px; max-width: 600px; word-break:
break-word;'>\n
\n                                                            <table
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padding-right:6px; white-space: normal\"><span style=\"font-size:12px;font-
```

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family:'Helvetica Neue', 'Helvetica', 'Arial', 'sans-serif'; display: block;
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class=\"hydra-p\">Active Website</span></td><td style=\"padding:3px; padding-
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\" class=\"hydra-p\">groove.example.com</span></a></td></tr><tr class=\"hydra-
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class=\"hydra-p\">AuthentXware</td><td style=\"padding:3px; padding-
right:6px; white-space: normal\"><span style=\"font-size:12px;font-
family:'Helvetica Neue', 'Helvetica', 'Arial', 'sans-serif'; display: block;
padding-bottom:2px; white-space:normal; word-break: break-all; \"
class=\"hydra-p\">Network Services</td><td style=\"padding:3px; padding-
right:6px; white-space: nowrap\"><a target=\"_blank\" rel=\"noreferrer\"
style=\"\" class=\"hydra-a\" href=https://platform.socradar.com/app/company/
14412/asm/dfp?assetType=technology&assetName=AuthentXware><span style=\"font-
size:12px;font-family:'Helvetica Neue', 'Helvetica', 'Arial', 'sans-serif';
display: block; padding-bottom:2px; white-space:normal; word-break: break-all;

\" class=\"hydra-p\">http://example.com</td></tr><tr class=\"hydra-tr\"><td style=\"padding:3px; padding-right:6px; white-space: nowrap\"><span style=\"font-size:12px;font-family:'Helvetica Neue', 'Helvetica', 'Arial', 'sans-serif'; display: block; padding-bottom:2px; white-space:no-wrap; \" class=\"hydra-p\">PHP</td><td style=\"padding:3px; padding-right:6px; white-space: normal\"><span style=\"font-size:12px;font-family:'Helvetica Neue', 'Helvetica', 'Arial', 'sans-serif'; display: block; padding-bottom:2px; white-space:normal; word-break: break-all; \" class=\"hydra-p\">Web Frameworks</td><td style=\"padding:3px; padding-right:6px; white-space: nowrap\"><span style=\"font-size:12px;font-family:'Helvetica Neue', 'Helvetica', 'Arial', 'sans-serif'; display: block; padding-bottom:2px; white-space:normal; word-break: break-all; \" class=\"hydra-p\">http://example.com</td></tr><tr class=\"hydra-tr\"></tr></table><span style=\"display: block; width: 100%; height: 1px; border-bottom: 1px solid #e4e4e4; margin-bottom: 10px; margin-top: 10px;\" class=\"hydra-separator\">\n
</td>\n   </tr>\n
</table>\n   </td>\n
</tr>\n   \n
\n   \n
</table>\n   \n
\n   \n   \n
<table role=\"presentation\" align=\"center\" cellpadding=\"0\" cellspacing=\"0\"\n
border=\"0\"\n   style=\"margin-top:8px;margin-bottom:10px; width: 100%;\">\n
<tr>\n   <td width=\"180px\" style='color:#424266;height: 30px;'>\n
\n
Mitigation\n   \n
</td>\n   </tr>\n
<tr>\n   <td style=\"border-bottom:2px solid #424266;\"></td>\n
</tr>\n   </table>\n
<table role=\"presentation\" align=\"center\" cellpadding=\"0\" cellspacing=\"0\"\n
border=\"0\"\n   style=\"margin-top: 5px;margin-bottom: 5px;width: 100%;border-collapse: collapse\">\n
<tr>\n   <td style='padding: 5px 8px 5px 0; width: 100%;text-align: left;'>\n
 \n
\n   Make sure that the newly detected asset is added to the digital asset inventory.\n
 \n   \n
Identify risks and weaknesses on the asset(s).\n
 \n   \n
Make vulnerability scans and perform security checks on the asset(s).\n

```
</li>\n                                                                    <li>\n
If any weaknesses found should be mitigated according to the risk level they
comprise.\n                                                                    </li> \n
</ul></span>\n                                                          </td>\n
</tr>\n                                              </table>\n
\n                                  </td>\n                                  </tr>\n
</tbody>\n                          </table>\n                        </td>\n
</tr>\n                 </tbody>\n            </table>\n            <table
role=\"presentation\" align=\"center\" cellpadding=\"0\" cellspacing=\"0\"
border=\"0\"\n                    style=\"margin: 0px auto;;min-width:
680px;max-width: 680px; width:680px;border-collapse: collapse;\">\n
<tbody>\n                <tr>\n                    <td style='padding-top:
0;padding-bottom: 0;'>\n                        <table align=\"center\"
role=\"presentation\" cellpadding=\"0\" cellspacing=\"0\" border=\"0\"\n
style=\"width:100%;max-width:680px;Margin:0 auto;border-collapse: collapse;
\">\n                              <tbody>\n                                <tr>\n
<td>\n                                      <table role=\"presentation\"
align=\"center\" cellpadding=\"0\" cellspacing=\"0\" border=\"0\"\n
style=\"width: 100%;border-collapse: collapse;\">\n
<tbody>\n                                          <tr>\n
<td align=\"center\"\n
style='font-size:12px;padding-bottom:1em;padding-top: 1em;color: #808080;'>\n
<a href=\"https://platform.socradar.com/\"><span\n
style='font-size:11px;font-family:\"Helvetica Neue\", \"Helvetica\", \"Arial\",
\"sans-serif\"'>SOCRadar</span></a>\n
|\n                                          <a href=\"https://
socradar.io/blog/\"><span\n
style='font-size:11px;font-family:\"Helvetica Neue\", \"Helvetica\", \"Arial\",
\"sans-serif\"'>Blog</span></a>\n
|\n                                          <a href=\"https://
socradar.io/company/about/\"><span\n
style='font-size:11px;font-family:\"Helvetica Neue\", \"Helvetica\", \"Arial\",
\"sans-serif\"'>About</span></a>\n
</td>\n                                      </tr>\n
</tbody>\n                                  </table>\n
<table role=\"presentation\" align=\"center\" cellpadding=\"0\"
cellspacing=\"0\" border=\"0\"\n
style=\"width: 100%;border-collapse: collapse;\">\n
<tbody>\n                                          <tr>\n
<td align=\"center\"\n
style='color:#808080; font-size:11px;padding-bottom:1em;padding-top: 1em;'>\n
<span style='font-size:10px;font-family:\"Helvetica Neue\", \"Helvetica\",
\"Arial\", \"sans-serif\"'>\n                                                                    Â©
Copyright 2023\n                                                    SOCRadar<br>651
N Broad St. Suite 205 Middletown â€¢ DE â€¢ 19709 â€¢ USA\n
</span>\n                                          </td>\n
</tr>\n                                      </tbody>\n
</table>\n                                </td>\n                                </
tr>\n                            </tbody>\n                            </table>\n
</td>\n                </tr>\n                </tbody>\n            </table>\n
</td>\n    </tr>\n    </tbody>\n</table>\n</body>\n</html>",
```

```
                "alarm_text": "",
                "insert_date": "2023-08-01T09:24:19.948520"
            },
            "update_date": "2023-08-01T09:24:18.861481",
            "last_notification_date": "2023-08-01T09:24:49.846459",
            "is_notified": true,
            "is_false_positive": false,
            "alarm_assets": [
                "EXAMPLE"
            ],
            "alarm_mitigation": "<ul>\n
<li>\n                                                                  Make sure
that the newly detected asset is added to the digital asset inventory.\n
</li> \n                                                                  <li>\n
Identify risks and weaknesses on the asset(s).\n
</li> \n                                                                  <li>\n
Make vulnerability scans and perform security checks on the asset(s).\n
</li>\n                                                                 <li>\n
If any weaknesses found should be mitigated according to the risk level they
comprise.\n                                                                     </li> \n
</ul>",
            "alarm_post_incident_analysis": "",
            "alarm_detection_and_analysis": "",
            "alarm_response": "",
            "tags": "SSL|domain|website|IP|asset|asm"
        }
    ]
}
```


ThreatQuotient provides the following default mapping for this feed:

> Mappings are based on each item within the `data` key from the API response.

FEED DATA PATH	THREATQ ENTITY	THREATQ OBJECT TYPE OR ATTRIBUTE KEY	PUBLISHED DATE	EXAMPLES	NOTES
`.alarm_notification_texts.alarm_title`, `.alarm_type_details.alarm_main_type`, `.alarm_type_details.alarm_sub_type`, `.alarm_risk_level`	Event Title	Alarm	`.insert_date`	N/A	Fields are concatenated to form event title
`.alarm_related_assets[].value`	Asset	N/A	`.insert_date`	N/A	if the asset key is an `ip`, `domain`, or `hostname`
`.alarm_related_assets[].value`	Attribute	CPE	`.insert_date`	N/A	if the asset key is `CPE` and `CPEs` selected in `Context Filtering`
`.alarm_related_entities[].value`	Attribute	CVSS Score	`.insert_date`	N/A	if the entity key is `CVSS` and `CVSS Score` selected in `Context Filtering`. Updatable

FEED DATA PATH	THREATQ ENTITY	THREATQ OBJECT TYPE OR ATTRIBUTE KEY	PUBLISHED DATE	EXAMPLES	NOTES
`.alarm_related_entities[].value`	Indicator or Vulnerability	CVE	`.insert_date`	N/A	if the entity `key` is `CVE` and `Related CVEs` selected in `Context Filtering`
`.tags[]`	Tag	N/A	N/A	SSL, domain, website ,IP ,asset ,asm	if `Tags` selected in `Context Filtering`
`.alarm_type_details.alarm_main_type`	Attribute	Main Type	`.insert_date`	Internet Asset Inventory Monitoring	if `Main Type` selected in `Context Filtering`
`.alarm_type_details.alarm_sub_type`	Attribute	Sub Type	`.insert_date`	Asset Discovery	if `Sub Type` selected in `Context Filtering`
`.alarm_type_details.alarm_group_name`	Attribute	Group Name	`.insert_date`	N/A	if `Group Name` selected in `Context Filtering`
`.alarm_risk_level`	Attribute	Severity	`.insert_date`	INFO	if `Severity` selected in `Context Filtering`. Updatable
`.is_false_positive`	Attribute	Is False Positive	`.insert_date`	`false`	bool -> true/false. If `Is False Positive` selected in `Context Filtering`. Updatable
`.id`	Attribute	Alarm Link	`.insert_date`	`https://platform.socradar.com/app/company/{{ user_fields.company_id }}/alarm-management?tab=approved&consolidatedAlarmId=1483868`	Concatenated with portal URL & company ID if `Alarm Link` selected in `Context Filtering`.
`.is_resolved`	Attribute	Is Resolved	`.insert_date`	`false`	bool -> true/false. Updatable. If `Is Resolved` selected in `Context Filtering`
`.resolved_date`	Attribute	Resolved Date	`.insert_date`	N/A	If `Resolved Date` selected in `Context Filtering`

SOCRadar Vulnerabilities

The SOCRadar Vulnerabilities feed ingests vulnerabilities related to your organization's assets, tracked in your SOCRadar tenant.

```
GET https://platform.socradar.com/api/company/{company_id}/vulnerabilities/latest
```

Sample Response:


```
{
    "is_success": true,
    "message": "Success",
    "response_code": 200,
    "data": [
        {
            "id": 3218556,
            "status": 1,
            "notes": null,
            "title": "Thirdparty Product \"\" Vulnerability Detected",
            "vuln_details": {
                "id": 3218556,
                "alarm_id": 1495615,
                "alarm_mitigation": "<li>Since the vulnerability is found through the passive scan, the server might have been patched or hardened and this could be, therefore, a false positive. </li>\nIf the vulnerability is not false positive;\n<li>Go to the network service provider's website in order to find the required patched version.</li>\n<li>Test the patched version in a mirrored production environment and evaluate the stability of the patch</li>\n<li>An investigation should take place to make sure these assets have been hardened or patched against these vulnerabilities.</li>",
                "entity": "www.threatq.com",
                "entity_type": "domain",
                "extra_entities": [
                    "141.193.213.10",
                    "141.193.213.11"
                ]
            },
            "cvss": 1.9,
            "product": null,
            "version": null,
            "vuln_date": "2023-08-06 19:45",
            "incident": 1495615,
            "cve": "CVE-2018-10545",
            "is_resolved": null,
            "is_archived": null,
            "is_false_positive": null,
            "incident_is_resolved": false,
            "incident_is_archived": false,
            "incident_is_false_positive": false,
```

```
            "cve_details": "An issue was discovered in PHP before 5.6.35, 7.0.x
before 7.0.29, 7.1.x before 7.1.16, and 7.2.x before 7.2.4. Dumpable FPM child
processes allow bypassing opcache access controls because fpm_unix.c makes a
PR_SET_DUMPABLE prctl call, allowing one user (in a multiuser environment) to
obtain sensitive information from the process memory of a second user's PHP
applications by running gcore on the PID of the PHP-FPM worker process."
        },
        {
            "id": 3218555,
            "status": 1,
            "notes": null,
            "title": "Thirdparty Product \"\" Vulnerability Detected",
            "vuln_details": {
                "id": 3218555,
                "alarm_id": 1495615,
                "alarm_mitigation": "<li>Since the vulnerability is found
through the passive scan, the server might have been patched or hardened and
this could be, therefore, a false positive. </li>\nIf the vulnerability is not
false positive;\n<li>Go to the network service provider's website in order to
find the required patched version.</li>\n<li>Test the patched version in a
mirrored production environment and evaluate the stability of the patch</
li>\n<li>An investigation should take place to make sure these assets have been
hardened or patched against these vulnerabilities.</li>",
                "entity": "www.threatq.com",
                "entity_type": "domain",
                "extra_entities": [
                    "141.193.213.10",
                    "141.193.213.11"
                ]
            },
            "cvss": 2.6,
            "product": null,
            "version": null,
            "vuln_date": "2023-08-06 19:45",
            "incident": 1495615,
            "cve": "CVE-2014-4721",
            "is_resolved": null,
            "is_archived": null,
            "is_false_positive": null,
            "incident_is_resolved": false,
            "incident_is_archived": false,
            "incident_is_false_positive": false,
            "cve_details": "The phpinfo implementation in ext/standard/info.c
in PHP before 5.4.30 and 5.5.x before 5.5.14 does not ensure use of the string
data type for the PHP_AUTH_PW, PHP_AUTH_TYPE, PHP_AUTH_USER, and PHP_SELF
variables, which might allow context-dependent attackers to obtain sensitive
information from process memory by using the integer data type with crafted
values, related to a \"type confusion\" vulnerability, as demonstrated by
reading a private SSL key in an Apache HTTP Server web-hosting environment with
mod_ssl and a PHP 5.3.x mod_php."
```

```
            }
        ]
}
```

ThreatQuotient provides the following default mapping for this feed:

> Mappings are based on each item within the API response array.

FEED DATA PATH	THREATQ ENTITY	THREATQ OBJECT TYPE OR ATTRIBUTE KEY	PUBLISHED DATE	EXAMPLES	NOTES
`.cve`	Indicator or Vulnerability Value	CVE	`.vuln_date`	`CVE-2023-21391`	N/A
`.cvss`	Attribute	CVSS Score	`vuln_date`	2.6	Updatable
`.product`	Attribute	Affected Product	`.vuln_date`	N/A	N/A
`.version`	Attribute	Affected Product Version	`.vuln_date`	N/A	N/A
`.cve_details`, `.vuln_details.entity`, `.vuln_deteails.alarm_mitigation`	Object Description	N/A	N/A	`The phpinfo implementation in ext/standard/...`	Concatenated to form HTML

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.

SOCRadar Threat Feed

METRIC	RESULT
Run Time	16 minutes
Indicators	92,214
Indicator Attributes	275,204

SOCRadar Leaks

METRIC	RESULT
Run Time	1 minute
Events	1
Event Attributes	5
Identities	1

SOCRadar Alarms

METRIC	RESULT
Run Time	1 minutes
Events	25
Event Attributes	260
Assets	25
Vulnerability	207

SOCRadar Vulnerabilities

METRIC	RESULT
Run Time	1 minute
Vulnerabilities	207
Vulnerability Attributes	207

Known Issues / Limitations

- The Alarms feed API does not support pagination, so a max of 1k alarms will be fetched per feed run.
- The Alarms feed API currently does not filter the data correctly if `Main Type Selection` or `Sub Type Selection` contains more than one value. SOCRadar has been notified about this issue.
- The Leaks feed API currently returns a 500 Internal Server Error when only `VIP Employee` value is sent for Leak Type Filtering. The SOCRadar was notified about the problem.
- The Vulnerabilities feed API does not support pagination, so the `Max Count` field must be used to limit the amount of data ingested. If you are running into timeout errors (524), lower the `Max Count` value.

Change Log

- **Version 1.0.0**
  - Initial release