

ThreatQuotient



CrowdSec Threat Intelligence CDF

Version 1.0.1

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ThreatQuotient

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 ThreatQ Supported

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Support

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

Support Email: support@threatq.com

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Integration Details

ThreatQuotient provides the following details for this integration:

Current Integration Version 1.0.1

**Compatible with ThreatQ
Versions** $\geq 5.25.0$

Support Tier ThreatQ Supported

Introduction

The CrowdSec Threat Intelligence integration allows a user to ingest the latest IPs belonging to the CrowdSec community-blocklist.

The integration provides the following feed:

- **CrowdSec Threat Intelligence Indicators** - ingests the latest IPs belonging to the CrowdSec community-blocklist.

The integration ingests the following system object types:

- Attack Patterns
- Indicators
 - Indicator Attributes
- Vulnerabilities

Prerequisites

A CrowdSec API Key is required by the integration.

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 file.
3. Navigate to the integrations management page on your ThreatQ instance.
4. Click on the **Add New Integration** button.
5. Upload the integration file using one of the following methods:
 - Drag and drop the file into the dialog box
 - Select **Click to Browse** to locate the integration file on your local machine
6. If prompted, select the individual feeds to install and click **Install**. 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 CrowdSec API Key.
Save CVE Data as	Select whether to ingest CVEs as indicators of vulnerabilities. The Vulnerabilities option is selected by default.

< CrowdSec Threat Intelligence Indicators



Disabled ☒ Enabled

Run Integration

Uninstall

Additional Information

Integration Type: Feed

Version:

Configuration Activity Log

API Key

Save CVE Data As **Vulnerabilities**

ThreatQuotient maps CVE data as CVE Vulnerabilities by default.

Set indicator status to... **Active**

Run Frequency **Every 24 Hours**

Next scheduled run: 2024-02-13 05:23am (-05:00)

☒ Send a notification when this feed encounters issues.

☒ Debug Option: Save the raw data response files.

We recommend leaving this disabled unless actively troubleshooting an issue because it utilizes a lot of disk space.

Save

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

CrowdSec Threat Intelligence Indicators

The CrowdSec Threat Intelligence Indicators feed retrieves and ingests the latest IPs belonging to the CrowdSec community-blocklist.



Duration is calculated in minutes and represents the last duration minutes for which the data are returned.

GET <https://cti.api.crowdsec.net/v2/fire?page=1&since={duration}>

Sample Response:

```
{
  "ip_range_score": 5,
  "ip": "216.73.161.91",
  "ip_range": "216.73.160.0/22",
  "as_name": "Ipxo Limited",
  "as_num": 206092,
  "ip_range_24": "216.73.161.0/24",
  "ip_range_24_reputation": "malicious",
  "ip_range_24_score": 5,
  "reputation": "malicious",
  "location": {
    "country": "US",
    "city": "New York",
    "latitude": 40.7157,
    "longitude": -74.0
  },
  "reverse_dns": null,
  "behaviors": [
    {
      "name": "http:exploit",
      "label": "HTTP Exploit",
      "description": "IP has been reported for attempting to exploit a vulnerability in a web application.",
      "references": []
    },
    {
      "name": "http:scan",
      "label": "HTTP Scan",
      "description": "IP has been reported for performing actions related to HTTP vulnerability scanning and discovery.",
      "references": []
    }
  ]
}
```

```

        "name": "http:bruteforce",
        "label": "HTTP Bruteforce",
        "description": "IP has been reported for performing a HTTP
brute force attack (either generic HTTP probing or applicative related brute
force).",
        "references": []
    },
],
"history": {
    "first_seen": "2022-08-24T12:15:00+00:00",
    "last_seen": "2024-02-03T11:00:00+00:00",
    "full_age": 529,
    "days_age": 528
},
"classifications": {
    "false_positives": [],
    "classifications": [
        {
            "name": "community-blocklist",
            "label": "CrowdSec Community Blocklist",
            "description": "IP belongs to the CrowdSec Community
Blocklist"
        }
    ]
},
"attack_details": [
    {
        "name": "crowdsecurity/http-sqli-probbing-detection",
        "label": "SQL Injection Attempt",
        "description": "A scenario that detects SQL injection
probbing with minimal false positives",
        "references": []
    },
    {
        "name": "crowdsecurity/http-probbing",
        "label": "HTTP Probbing",
        "description": "Detect site scanning/probbing from a single
ip",
        "references": []
    },
    {
        "name": "crowdsecurity/http-bad-user-agent",
        "label": "detection of bad user-agents",
        "description": "Detect bad user-agents",
        "references": []
    },
    {
        "name": "crowdsecurity/http-backdoors-attempts",
        "label": "scanning for backdoors",
        "description": "Detect attempt to common backdoors",

```

```

        "references": []
    },
    {
        "name": "crowdsecurity/CVE-2023-49103",
        "label": "owncloud CVE-2023-49103",
        "description": "Detect owncloud CVE-2023-49103 exploitation
attempts",
        "references": []
    }
],
"state": "validated",
"expiration": "2024-02-12T07:48:32.269000",
"target_countries": {
    "AU": 11,
    "BE": 3,
    "BG": 1,
    "BR": 4,
    "CA": 8,
    "CH": 5,
    "CL": 0,
    "CY": 0,
    "CZ": 0,
    "DE": 61
},
"background_noise_score": 7,
"background_noise": "medium",
"mitre_techniques": [
    {
        "name": "T1595",
        "label": "Active Scanning",
        "description": "Adversaries may execute active
reconnaissance scans to gather information that can be used during targeting.",
        "references": []
    },
    {
        "name": "T1110",
        "label": "Brute Force",
        "description": "Adversaries may use brute force techniques
to gain access to accounts when passwords are unknown or when password hashes
are obtained.",
        "references": []
    },
    {
        "name": "T1589",
        "label": "Gather Victim Identity Information",
        "description": "Adversaries may gather information about
the victim's identity that can be used during targeting.",
        "references": []
    },
    {

```

```

        "name": "T1190",
        "label": "Exploit Public-Facing Application",
        "description": "Adversaries may attempt to exploit a
weakness in an Internet-facing host or system to initially access a network.",
        "references": []
    }
],
"cves": [
    "CVE-2023-49103"
],
"scores": {
    "overall": {
        "aggressiveness": 5,
        "threat": 1,
        "trust": 5,
        "anomaly": 1,
        "total": 4
    },
    "last_day": {
        "aggressiveness": 0,
        "threat": 0,
        "trust": 0,
        "anomaly": 1,
        "total": 0
    },
    "last_week": {
        "aggressiveness": 5,
        "threat": 1,
        "trust": 5,
        "anomaly": 1,
        "total": 4
    },
    "last_month": {
        "aggressiveness": 3,
        "threat": 1,
        "trust": 5,
        "anomaly": 1,
        "total": 3
    }
},
"references": []
}

```

ThreatQuotient provides the following default mapping for this feed:

FEED DATA PATH	THREATQ ENTITY	THREATQ OBJECT TYPE OR ATTRIBUTE KEY	PUBLISHED DATE	EXAMPLES	NOTES
items[].ip	Indicator Value	N/A	items[].history.first_seen	216.73.161.91	N/A
items[].as_name	Indicator Attribute	Name	items[].history.first_seen	pxo Limited	N/A
items[].reputation	Indicator Attribute	Reputation	items[].history.first_seen	Malicious	Updates at ingestion
items[].location.country	Indicator Attribute	Country Code	items[].history.first_seen	US	
items[].history.last_seen	Indicator Attribute	Last seen	items[].history.first_seen	2024-02-03T11:00:00+00:00	Updates at ingestion
items[].state	Indicator Attribute	Indicator State	items[].history.first_seen	Validated	
items[].target_countries	Indicator Attribute	Target Country Code	items[].history.first_seen	AU, BE, BG, BR, CA, CH, CL, VY, CZ, DE	Updates at ingestion
items[].expiration	Indicator Attribute	Expiration date	items[].history.first_seen	2024-02-12T07:48:32.269000	Updates at ingestion
items[].scores.overall.threat	Indicator Attribute	Threat Score	items[].history.first_seen	1	Updates at ingestion
items[].background_noise	Indicator Attribute	Noise	items[].history.first_seen	Medium	Updates at ingestion
items[].cves	Related Vulnerabilities/ Indicators	N/A	items[].history.first_seen	CVE-2023-49103	
items[].mitre_techniques	Related Attack Patterns	N/A	items[].history.first_seen	T1589	Linked to already existing TQ MITRE Attack Pattern

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	8 min
Indicators	10,232
Indicator Attributes	92,799
Vulnerabilities	32
Attack Pattern	1

Change Log

- **Version 1.0.1**
 - Added `User-Agent` to the request.
- **Version 1.0.0**
 - Initial release