ThreatQuotient

A Securonix Company



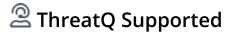
PhishStats CDF

Version 1.1.0

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ThreatQuotient

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Support

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

Support Email: support@threatg.com Support Web: https://support.threatq.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.



1 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 1.1.0

Compatible with ThreatQ >= 5.12.1

Versions

Support Tier ThreatQ Supported



Introduction

The PhishStats CDF is an open-source feed that ingests phishing URLS that have been reported to PhishStats. The feed automatically ingests the URLs, IPs, and relevant context into ThreatQ.

The integration provides the following feed:

• PhishStats - ingests the latest phishing URLs reported to PhishStats.

The integration ingests URL and IP type indicators along with relevant context.



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



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.

6. 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 **OSINT** 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

Custom Query

Optional - Enter a custom where query to filter the API results.

Example:

(score,gt,5)~and(tld,eq,br)~and(countrycode,ne,br)

Indicator Filter

Select the indicator types to ingest. Options include:

Phishing URL (default)



If this option is not enabled, ingested indicators will not be related.

- IP Address
- Hostname (FQDN)
- Domain (FQDN)
- Vulnerabilities (CVE)

Context Filter

Select the context to ingest. Options include:

- Score (default)Tags (default)
- Country Code (default)
- Country Name
- ASN
- TLD
- ICD
- ISP
- Domain Registered Days Ago (default)



PARAMETER

DESCRIPTION

- Region Code (default)
- Region Name
- City (default)
- Zip Code
- Latitude
- Longitude

- HTTP Server
- Ports
- Abuse Contact Email
- Operating System
- Site Title

Normalize Scores

Enable this parameter to normalize the score to a readable attribute format. **Example**: Low, Medium, High, Critical.



By default, PhishStats provides a score on a scale of 0 - 10.

Custom Score Mapping

Enter the mapping criteria to normalize the score. The mapping should contain a line-separated CSV formatted string with the following columns: Minimum, Maximum, Normalized Value.

Example

0,2.5,Low

2.6,5,Medium

5.1,7.5,High

7.6,10,Critical



This parameter is only accessible if the **Normalize Scores** parameter is enabled.

Ignore Domains with Alexa Rank

If enabled, domains and IPs that are Alexa ranked will not be ingested into the ThreatQ platform. This option is enabled by default.

Ignore Hostnames with Alexa Rank

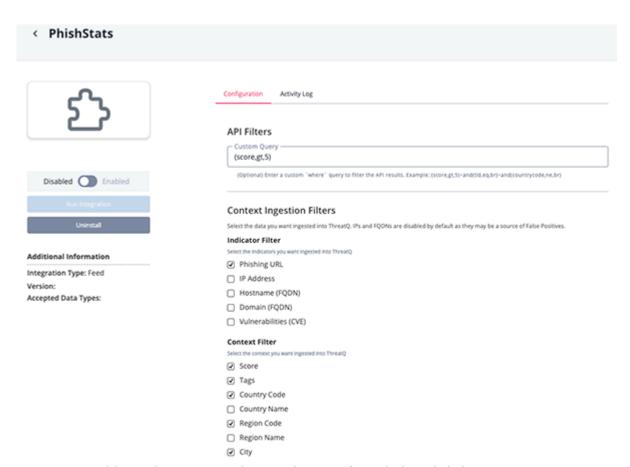
If enabled, hostnames and IPs that are Alexa ranked will not be ingested into the ThreatQ platform. This option is enabled by default.

Ingest CVEs As

Select the object type to ingest CVEs as. Options include:

- Indicators (CVE)
- Vulnerabilities (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

PhishStats

The PhishStats feed ingests phishing URLs into ThreatQ, along with any related context, CVEs, FQDNs, and IP addresses.

GET https://api.phishstats.info/api/phishing

Sample Response:

```
Γ
 {
    "id": 9989504,
    "url": "https://business-meta-support-id867469.2254216.com/?
content_id=m0QTpkB3B22HWYc/",
    "ip": "104.21.45.160",
    "countrycode": "US",
    "countryname": "United States",
    "regioncode": "",
    "regionname": "",
    "city": "",
    "zipcode": "",
    "latitude": "37.7510",
    "longitude": "-97.8220",
    "asn": "AS13335",
    "bgp": "104.16.0.0/12",
    "isp": "CLOUDFLARENET, US",
    "title": "Meta",
    "date": "2023-06-20T14:47:20.000Z",
    "date_update": "2023-06-20T15:53:19.000Z",
    "hash": "044a09f39c51c70d3e41d9b639e6dd68f1a6cee7aa3fd2387943c67459ac76f3",
    "score": 6,
    "host": "business-meta-support-id867469.2254216.com",
    "domain": "2254216",
    "tld": "com",
    "domain_registered_n_days_ago": 5,
    "screenshot": null,
    "abuse_contact": "abuse@business-meta-support-id867469.2254216.com
abuse@2254216.com",
    "ssl_issuer": null,
    "ssl_subject": null,
    "rank_host": null,
    "rank_domain": null,
    "n_times_seen_ip": 2,
    "n_times_seen_host": 1,
    "n_times_seen_domain": 1,
    "http_code": 403,
```



```
"http_server": null,
    "google_safebrowsing": null,
    "virus_total": "Yes",
    "abuse_ch_malware": "No",
    "threat_crowd": null,
    "threat_crowd_subdomain_count": null,
    "threat_crowd_votes": null,
    "vulns": "CVE-2016-20012, CVE-2017-15906, CVE-2018-15473, CVE-2018-15919",
    "ports": "80, 443, 2053, 2082, 2087, 2095, 8080, 8443, 8880",
    "os": null,
    "tags": "cdn",
    "technology": null,
    "page_text": null
}
```

ThreatQuotient provides the following default mapping for this feed based on each item within the response array.

FEED DATA PATH	THREATQ ENTITY	THREATQ OBJECT TYPE OR ATTRIBUTE KEY	PUBLISHED DATE	EXAMPLES	NOTES
.url	Indicator.Value	URL	.date	https://business- meta-support- id867469.2254216.com /	If user config Indicator Filter contains Phishing URL
.ip	Related Indicator.Value	IP Address, IPv6 Address	.date	104.21.45.160	If user config Indicator Filter contains IP Address
.domain	Related Indicator.Value	FQDN	.date	2254216.com	If user config Indicator Filter contains Domain (FQDN)
.host	Related Indicator.Value	FQDN	.date	business-meta- support -id867469.2254216.co m	If user config Indicator Filter contains Hostname (FQDN)
.vulns	Related Indicator/ Vulnerability.Value	CVE	.date	CVE-2016-20012	Split by comma. If user config Indicator Filter contains Vulnerabilities (CVE)
.tags	Indicator.Tag	N/A	.date	cdn	Split by comma. If user config Context Filter contains Tags
.ports	Indicator.Attribute	Port	.date	80, 443, 2053, 2082, 2087, 2095, 8080, 8443, 8880	If user config Context Filter contains Ports
.abuse_ contact	Indicator.Attribute	Abuse Contact	.date	abuse@business-meta- support- id867469. 2254216.com abuse@2254216. com	Split by space. If user config Context Filter contains Abuse Contact Email
.score	Indicator.Attribute	Score	.date	6	Updated if already exists. If user config Context Filter contains Score



FEED DATA PATH	THREATQ ENTITY	THREATQ OBJECT TYPE OR ATTRIBUTE KEY	PUBLISHED DATE	EXAMPLES	NOTES
.title	Indicator.Attribute	Site Title	.date	Meta	If user config Context Filter contains Site Title
.countr ycode	Indicator.Attribute	Country Code	.date	US	If user config Context Filter contains Country Code
.countr yname	Indicator.Attribute	Country	.date	United States	If user config Context Filter contains Country Name
.region	Indicator.Attribute	Region Code	.date	N/A	If user config Context Filter contains Region Code
.region name	Indicator.Attribute	Region	.date	N/A	If user config Context Filter contains Region Name
.city	Indicator.Attribute	City	.date	N/A	If user config Context Filter contains City
.zipcod e	Indicator.Attribute	Zip Code	.date	N/A	If user config Context Filter contains Zip Code
.latitu de	Indicator.Attribute	Latitude	.date	37.7510	If user config Context Filter contains Latitude
.longit ude	Indicator.Attribute	Longitude	.date	-97.8220	If user config Context Filter contains Longitude
.asn	Indicator.Attribute	ASN	.date	AS13335	If user config Context Filter contains ASN
.tld	Indicator.Attribute	TLD	.date	com	If user config Context Filter contains TLD
.isp	Indicator.Attribute	ISP	.date	CLOUDFLARENET, US	If user config Context Filter contains ISP
.http_s erver	Indicator.Attribute	HTTP Server	.date	N/A	If user config Context Filter contains HTTP Server
.05	Indicator.Attribute	Operating System	.date	N/A	If user config Context Filter contains Operating System
<pre>.domain _regist ered_n_ days_ag o</pre>	Indicator.Attribute	Domain Registered Days Ago	.date	5	Updated if already exists. If user config Context Filter contains Domain Registered Days Ago



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
Indicators	46
Indicator Attributes	221



Known Issues / Limitations

- If the option Phishing URL is not enabled under the **Indicator Filter** configuration parameter, all the indicators ingested will not be related.
- FQDNs that are brought into the system as IPs are not related to the URL as the URL itself is an IP. This is because ThreatQ will not allow for duplicate objects with the same value.



Change Log

- Version 1.1.0
 - Updated the endpoint utilized by the integration.
 - Added the following configuration parameters:
 - Normalize Scores normalize the score to a readable attribute format such as Low, Medium, High, Critical.
 - Custom Score Mapping define mapping criteria for PhishStats scores to normalize scores.
 - Added a new known issue FQDNs that are brought into the system as IPs are not related to the URL as the URL itself is an IP. This is because ThreatQ will not allow for duplicate objects with the same value.
- Version 1.0.0
 - Initial release