

# ThreatQuotient

A Securonix Company



## ExtraHop RevealX CDF

Version 1.0.0

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### ThreatQuotient

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 ThreatQ Supported

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# Support

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**Support Email:** [tq-support@securonix.com](mailto:tq-support@securonix.com)

**Support Web:** <https://ts.securonix.com>

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# Integration Details

ThreatQuotient provides the following details for this integration:

|                                  |                   |
|----------------------------------|-------------------|
| Current Integration Version      | 1.0.0             |
| Compatible with ThreatQ Versions | >= 6.6.0          |
| ThreatQ TQO License Required     | Yes               |
| Support Tier                     | ThreatQ Supported |

# Introduction

The ExtraHop RevealX CDF enables ThreatQ to automatically ingest high-fidelity threat intelligence and telemetry generated by ExtraHop RevealX, an advanced Network Detection and Response (NDR) platform. ExtraHop RevealX provides deep, agent-less visibility into network traffic—including encrypted traffic—using cloud-scale machine learning to identify advanced threats, anomalous behavior, and security hygiene issues in real time. By integrating detections, assets, and indicators of compromise from RevealX directly into ThreatQ, this CDF empowers security teams to enhance triage, accelerate investigations, and strengthen their response to threats across hybrid and multi-cloud environments.

The integration provides the following feed:

- **ExtraHop RevealX Detections** - retrieves, parses, and ingests ExtraHop RevealX detections, including contextual information about malicious or suspicious network activity and anomalies.

The integration ingests the following object types:

- Incidents
- Events
- Assets
- Indicators
- Attack Patterns
- Tools
- Malware

# Prerequisites

The following is required in order to install and run the integration:

- A valid ExtraHop RevealX API host.
- A valid ExtraHop RevealX API Client ID.
- A valid ExtraHop RevealX API Client Secret.
- A ThreatQ instance running version 6.6.0 or later.

# 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 ExtraHop RevealX 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.



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 ExtraHop to obtain API credentials for this integration.

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 **ExtraHop RevealX** integration entry to open its details page.
4. Enter the following parameters under the **Configuration** tab:

| PARAMETER                           | DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                           |
|-------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ExtraHop RevealX API Host           | <p>Enter the hostname or IP address of the ExtraHop RevealX instance to connect to with the integration. This should be the base host value only -<br/>example: <code>tenant.api.cloud.extrahop.com</code>).</p> <div>  Do not include the protocol (<code>http</code> or <code>https</code>) or any path segments.         </div> |
| 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.                                                                                                                                                                                                                                                                                                                                     |
| API Client ID                       | Enter the ExtraHop RevealX API Client ID used to authenticate to the ExtraHop RevealX API.                                                                                                                                                                                                                                                                                                                            |
| API Client Secret                   | Enter the ExtraHop RevealX API Client Secret associated with the configured Client ID.                                                                                                                                                                                                                                                                                                                                |

| PARAMETER                                            | DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Minimum Risk Score                                   | Specify the minimum risk score a detection must have to be retrieved from the ExtraHop RevealX API. Detections with a risk score below this threshold will not be returned and will not be ingested into ThreatQ. Set this to 0 to retrieve detections regardless of risk score.                                                                                                                                                              |
| Ingest Detections As                                 | Select the ThreatQ object type into which detections should be ingested. This allows alignment with the organization's preferred data model. Options include: <ul style="list-style-type: none"> <li>• <b>Events (Type: Detection)</b> (default)</li> <li>• <b>Incidents</b></li> </ul>                                                                                                                                                       |
| Ingest the Selected Detection Participants as Assets | Select which ExtraHop detection participants should be created as Asset objects in ThreatQ. This setting enables relationships between detections and involved assets. Options include: <ul style="list-style-type: none"> <li>• Internal Victim Server Devices</li> <li>• Internal Victim Client Devices</li> <li>• Internal Offender Server Devices</li> <li>• Internal Offender Client Devices</li> </ul>                                  |
| Ingest Asset Tags                                    | Enable this option to apply tags to ingested Assets based on the participant's role in the detection. Tags can include values such as <i>victim</i> or <i>offender</i> , and whether the device acted as a <i>client</i> or <i>server</i> .                                                                                                                                                                                                   |
| Ingest Categories As                                 | Configure how ExtraHop detection categories (for example, <code>sec.attack</code> , <code>sec.exploit</code> , <code>perf.network</code> ) are ingested into ThreatQ. When ingested as Attributes, values are converted to human-readable labels. When ingested as Tags, values are preserved as returned by the API. Options include: <ul style="list-style-type: none"> <li>• <b>Attributes</b> (default)</li> <li>• <b>Tags</b></li> </ul> |
| Ingest Recommendation Factors As                     | Configure how detection recommendation factors (for example, <code>top-offender</code> , <code>critical-asset</code> ) are ingested. These factors indicate why a detection was marked as recommended and can be used in ThreatQ for filtering and prioritization. Options include: <ul style="list-style-type: none"> <li>• <b>Attributes</b> (default)</li> </ul>                                                                           |

| PARAMETER                                          | DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|----------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                    | <ul style="list-style-type: none"> <li>• <b>Tags</b> (default)</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Ingest CVEs As</b>                              | <p>Select how CVEs parsed from detection titles should be stored in ThreatQ. By default, CVEs are stored as Vulnerability objects. To take advantage of ThreatQ Scoring Policy, CVEs can also be ingested as Indicators (which are scorable). Options include:</p> <ul style="list-style-type: none"> <li>• <b>Vulnerabilities</b> (default)</li> <li>• <b>Indicators</b></li> </ul>                                                                                                                                                                                                                                                                                |
| <b>Minimum Risk Score to Ingest IOCs as Active</b> | <p>Specify the minimum ExtraHop risk score required for associated indicators of compromise (IOCs) to be created with the <b>Active</b> status in ThreatQ. IOCs with a risk score below this threshold are ingested with the <b>Review</b> status. The default value is 60.</p>                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Normalize Risk Score</b>                        | <p>Enable this option to normalize the numeric ExtraHop risk score (0–100) into a human-readable attribute (for example, Low, Medium, High, Critical). The normalized value is stored in the <b>Normalized Risk</b> attribute on the Incident and supporting Indicators, allowing ThreatQ Scoring Policy to evaluate the normalized score. This parameter is disabled by default.</p>                                                                                                                                                                                                                                                                               |
| <b>Custom Score Mapping</b>                        | <p>Provide a line-separated, CSV-formatted mapping that defines how numeric ExtraHop risk scores are translated into normalized values stored in the <b>Normalized Risk</b> attribute. Each row must contain three columns: <i>Minimum</i>, <i>Maximum</i>, and <i>Normalized Value</i>.<br/>Example (default mapping):</p> <pre>0,25,Low 26,59,Medium 60,89,High 90,100,Critical</pre> <div>  This field is only displayed when <b>Normalize Risk Score</b> is enabled. The original ExtraHop Risk Score is always ingested in addition to the normalized value.         </div> |

| PARAMETER        | DESCRIPTION                                                                                                                                                                                                                                                                  |
|------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Add Detected Tag | Enable this option to automatically add the <b>detected</b> tag to all ingested indicators derived from ExtraHop detections. This tag is useful for filtering and searching for indicators that have been observed in the environment. This parameter is enabled by default. |



Disabled
Enabled

Uninstall

Additional Information

Integration Type: Feed

Version:

Configuration
Activity Log

Overview

ExtraHop RevealX NDR is a network detection and response solution that provides comprehensive visibility into network traffic, including encrypted data, without requiring agents on devices. It uses cloud-scale machine learning to detect advanced threats, anomalous behavior, and security hygiene issues in real-time. This allows security teams to rapidly investigate incidents, respond to threats, and reduce overall cyber risk across hybrid and multi-cloud environments.

This integration pull detections from an organization's ExtraHop tenant, giving them visibility into potential threats on their network, alongside intelligence from the other security tools in their ecosystem. This can give teams a more comprehensive view of their security posture and help them prioritize their response to threats.

Connection

ExtraHop RevealX API Host

Enter the hostname or IP address of the ExtraHop RevealX instance you want to connect to. This should be the base URL of the ExtraHop RevealX API, e.g., 'tenant.api.cloud.extrahop.com'. Do not include the protocol (http or https) or any paths.

☒ Enable SSL Certificate Verification

Enable this option to verify the SSL certificate when connecting to the configured ExtraHop RevealX instance.

☐ Disable Proxies

Enable this option to disable any globally configured proxies for the connection. This is useful if you want to bypass the proxy for this specific integration.

Authentication

API Client ID

API Client Secret

API Options

Minimum Risk Score

25

- Review any additional settings, make any changes if needed, and click **Save**.
- Click on the toggle switch, located above the *Additional Information* section, to enable the feed.

# ThreatQ Mapping

## ExtraHop RevealX Detections

The ExtraHop RevealX Detections feed queries the ExtraHop API for detections and ingests them into ThreatQ as Events or Incidents, along with related assets, indicators, attack patterns, malware, and tools. The feed supports flexible mapping of categories, recommendation factors, and CVEs to align with an organization's data model and scoring policies.

POST `https://{ host }/api/v1/detections/search`

**Sample Response:**

```
[
  {
    "appliance_id": 6,
    "assignee": null,
    "categories": [
      "sec",
      "sec.hardening"
    ],
    "create_time": 1741137367144,
    "description": "[db1\\.i\\.rx\\.tours](https://extrahop-bd.cloud.extrahop.com#/metrics/devices/71c6ffe3ae8548bbbb9bf279c912d3ae.0e5dcb05abfd0000/overview?from=1741137361interval_type=DTuntil=1753378590) established an SSL/TLS connection with a deprecated version of SSL/TLS. SSL 2.0, SSL 3.0, and TLS 1.0 are deprecated because they are vulnerable to attacks.",
    "id": 25769804021,
    "is_user_created": false,
    "mitre_tactics": [],
    "mitre_techniques": [],
    "mod_time": 1741137370145,
    "participants": [
      {
        "endpoint": "server",
        "external": false,
        "hostname": "db1.i.rx.tours",
        "id": 7387,
        "object_id": 25769803835,
        "object_type": "device",
        "object_value": "10.1.1.39",
        "role": "offender",
        "scanner_service": null,
        "username": null
      }
    ],
    "properties": {
```

```

    "version": "TLSv1.0"
  },
  "recommended": false,
  "recommended_factors": [],
  "resolution": null,
  "risk_score": 30,
  "start_time": 1741137361379,
  "status": "new",
  "ticket_id": null,
  "title": "Deprecated SSL/TLS Versions",
  "type": "deprecated_ssl_tls_individual",
  "update_time": 1753324263134,
  "url": "https://extrahop-bd.cloud.extrahop.com/extrahop/#/detections/
detail/25769804021/?from=1741136461until=1753325163interval_type=DT"
},
{
  "appliance_id": 6,
  "assignee": null,
  "categories": [
    "sec",
    "sec.action",
    "sec.ransomware",
    "sec.attack"
  ],
  "create_time": 1751912454611,
  "description": "[web3\\.i\\.rx\\.tours](https://extrahop-
bd.cloud.extrahop.com#/metrics/devices/
71c6ffe3ae8548bbbb9bf279c912d3ae.0ee8eb8bc6330000/overview?
from=1751908800interval_type=DTuntil=1751914800) added new file extensions to a
remote file share over the SMB protocol. These extensions are associated with
one or more ransomware families. The number of files that were modified was
unusually high compared to past behavior for this device. Check for unexpected
file modifications or encrypted files.\\n\\nRansomware families linked to this
detection:\\n\\n* `WannaCry`\\n",
  "end_time": 1751914800000,
  "id": 25769804202,
  "is_user_created": false,
  "mitre_tactics": [
    {
      "id": "TA0040",
      "name": "Impact",
      "url": "https://attack.mitre.org/tactics/TA0040"
    }
  ],
  "mitre_techniques": [
    {
      "id": "T1486",
      "legacy_ids": [
        "T1486"
      ]
    }
  ],

```

```

        "name": "Data Encrypted for Impact",
        "url": "https://attack.mitre.org/techniques/T1486"
    }
],
"mod_time": 1751914861361,
"participants": [
    {
        "endpoint": "client",
        "external": false,
        "id": 7665,
        "object_id": 25769803834,
        "object_type": "device",
        "role": "offender",
        "scanner_service": null,
        "username": null
    },
    {
        "endpoint": "server",
        "external": false,
        "id": 7195,
        "object_id": 25769803790,
        "object_type": "device",
        "object_value": "10.1.0.151",
        "role": "victim",
        "scanner_service": null,
        "username": null
    }
],
"properties": {
    "variant": [
        "WannaCry"
    ]
},
"recommended": true,
"recommended_factors": [
    "rare_type",
    "top_offender"
],
"resolution": null,
"risk_score": 83,
"start_time": 1751908800001,
"status": null,
"ticket_id": null,
"title": "Ransomware Activity",
"type": "ransomware_activity",
"update_time": 1751914800000,
"url": "https://extrahop-bd.cloud.extrahop.com/extrahop/#/detections/detail/25769804202/?from=1751907900until=1751915700interval_type=DT"
},
{

```

```

"appliance_id": 6,
"assignee": null,
"categories": [
  "sec",
  "sec.command",
  "sec.attack"
],
"create_time": 1751912996509,
"description": "[pc1\\.i\\.rx\\.tours](https://extrahop-
bd.cloud.extrahop.com#/metrics/devices/
71c6ffe3ae8548bbbb9bf279c912d3ae.0e83fdcab6ad0000/overview?
from=1751912989interval_type=DTuntil=1751912989) sent SMB traffic that contains
a filename matching a named pipe associated with malware, attack tools, or
software that enables attacks. An attacker can hide command-and-control (C&C)
traffic within named pipes.\\n\\nNamed pipe linked to this detection:\\n*
remcom\\n\\nMalware, attack tools, or software linked to this detection:\\n*
RemCom",
"end_time": 1751912989718,
"id": 25769804210,
"is_user_created": false,
"mitre_tactics": [
  {
    "id": "TA0002",
    "name": "Execution",
    "url": "https://attack.mitre.org/tactics/TA0002"
  },
  {
    "id": "TA0011",
    "name": "Command and Control",
    "url": "https://attack.mitre.org/tactics/TA0011"
  }
],
"mitre_techniques": [
  {
    "id": "T1071",
    "legacy_ids": [
      "T1071"
    ],
    "name": "Application Layer Protocol",
    "url": "https://attack.mitre.org/techniques/T1071"
  },
  {
    "id": "T1559",
    "name": "Inter-Process Communication",
    "url": "https://attack.mitre.org/techniques/T1559"
  }
],
"mod_time": 1751916626047,
"participants": [
  {

```

```

    "endpoint": "client",
    "external": false,
    "hostname": "pc1.i.rx.tours",
    "id": 7243,
    "object_id": 25769803786,
    "object_type": "device",
    "object_value": "10.1.0.146",
    "role": "offender",
    "scanner_service": null,
    "username": "administrator@ATTACK.LOCAL"
  },
  {
    "endpoint": "server",
    "external": false,
    "hostname": "dc1.attack.local",
    "id": 7601,
    "object_id": 25769803777,
    "object_type": "device",
    "object_value": "10.1.1.10",
    "role": "victim",
    "scanner_service": null,
    "username": null
  }
],
"properties": {
  "association": "RemCom",
  "category": "Malware",
  "client_port": 53284,
  "named_pipe": "remcom",
  "server_port": 445
},
"recommended": true,
"recommended_factors": [
  "critical_asset",
  "top_offender"
],
"resolution": null,
"risk_score": 65,
"start_time": 1751912989096,
"status": null,
"ticket_id": null,
"title": "Suspicious SMB Named Pipe",
"type": "suspicious_smb_named_pipe",
"update_time": 1751912989718,
"url": "https://extrahop-bd.cloud.extrahop.com/extrahop/#/detections/detail/25769804210/?from=1751912089until=1751913889interval_type=DT"
}
]

```

ThreatQuotient provides the following default mapping for this feed:

| FEED DATA PATH                                     | THREATQ ENTITY                                                 | THREATQ OBJECT TYPE OR ATTRIBUTE KEY | PUBLISHED DATE | EXAMPLES                                                                                         | NOTES                                                                                                                                                                                                                                         |
|----------------------------------------------------|----------------------------------------------------------------|--------------------------------------|----------------|--------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| .title,<br>.type,<br>.risk_score, .id              | Event.Title,<br>Incident.Value                                 | Detection                            | .create_time   | Kerberos Golden Ticket Attack   kerberos_golden_ticket_attack   Risk Score: 90   ID: 25769804247 | Fields concatenated together to build the detection title.                                                                                                                                                                                    |
| .description,<br>.properties.*,<br>.participants[] | Event.Description,<br>Incident.Description                     | N/A                                  | N/A            | N/A                                                                                              | Fields concatenated together to build the HTML description.                                                                                                                                                                                   |
| .ticket_id                                         | Event.Attribute,<br>Incident.Attribute                         | Ticket ID                            | .create_time   | 1412                                                                                             | N/A                                                                                                                                                                                                                                           |
| .type                                              | Event.Attribute,<br>Incident.Attribute,<br>Indicator.Attribute | Detection Type                       | .create_time   | malicious_file_has_h_transfer                                                                    | See Category mapping table.                                                                                                                                                                                                                   |
| .categories[]                                      | Event.Attribute/Tag,<br>Incident.Attribute/Tag                 | Primary Category, Category           | .create_time   | Exfiltration                                                                                     | Attribute is named <b>Primary Category</b> with value <b>Security</b> or <b>Performance</b> if .categories contains sec or perf. For the rest, values are mapped using the Category mapping table and the attribute name is <b>Category</b> . |
| .risk_score                                        | Event.Attribute,<br>Incident.Attribute,<br>Indicator.Attribute | Risk Score                           | .create_time   | 61                                                                                               | Updatable.                                                                                                                                                                                                                                    |
| .risk_score                                        | Event.Attribute,<br>Incident.Attribute,<br>Indicator.Attribute | Normalized Risk                      | .create_time   | High                                                                                             | Updatable. User-configurable. Value based on the <b>Custom Score Mapping</b> user field.                                                                                                                                                      |
| .recommended                                       | Event.Attribute,<br>Incident.Attribute                         | Is Recommended                       | .create_time   | true                                                                                             | Updatable.                                                                                                                                                                                                                                    |
| .status                                            | Event.Attribute,<br>Incident.Attribute                         | Status                               | .create_time   | new                                                                                              | Updatable.                                                                                                                                                                                                                                    |
| .mitre_tactics[].name                              | Event.Attribute,<br>Incident.Attribute                         | Tactic                               | .create_time   | Reconnaissance                                                                                   | See Tactic mapping table.                                                                                                                                                                                                                     |
| .resolution                                        | Event.Attribute,<br>Incident.Attribute                         | Resolution                           | .create_time   | N/A                                                                                              | Updatable.                                                                                                                                                                                                                                    |
| .assignee                                          | Event.Attribute,<br>Incident.Attribute                         | Assignee                             | .create_time   | N/A                                                                                              | N/A                                                                                                                                                                                                                                           |
| .recommended_factor[]                              | Event.Attribute/Tag,<br>Incident.Attribute/Tag                 | Recommendation Factor                | .create_time   | top-offender                                                                                     | User-configurable.                                                                                                                                                                                                                            |
| .end_time                                          | Event.Attribute,<br>Incident.Attribute                         | Ended At                             | .create_time   | 2025-07-24 05:01:23                                                                              | User-configurable. Used when <b>Ingest Detections As</b> is set to <b>Event</b> .                                                                                                                                                             |
| .properties.service_names                          | Event.Attribute,<br>Incident.Attribute                         | Service Name                         | .create_time   | Google (DoH)                                                                                     | N/A                                                                                                                                                                                                                                           |

| FEED DATA PATH                                                             | THREATQ ENTITY                      | THREATQ OBJECT TYPE OR ATTRIBUTE KEY | PUBLISHED DATE            | EXAMPLES                                                   | NOTES                                                                                                            |
|----------------------------------------------------------------------------|-------------------------------------|--------------------------------------|---------------------------|------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|
| <code>.properties.client_port</code>                                       | Event.Attribute, Incident.Attribute | Client Port                          | <code>.create_time</code> | 80                                                         | N/A                                                                                                              |
| <code>.properties.server_port</code>                                       | Event.Attribute, Incident.Attribute | Server Port                          | <code>.create_time</code> | 443                                                        | N/A                                                                                                              |
| <code>.properties.exec_file_types</code>                                   | Event.Attribute, Incident.Attribute | Executable File Type                 | <code>.create_time</code> | PE                                                         | N/A                                                                                                              |
| <code>.properties.collector</code>                                         | Event.Attribute, Incident.Attribute | Ticket ID                            | <code>.create_time</code> | Empire<br>BloodHound.ps1                                   | N/A                                                                                                              |
| <code>.properties.protocol</code>                                          | Event.Attribute, Incident.Attribute | Protocol                             | <code>.create_time</code> | HTTP                                                       | N/A                                                                                                              |
| <code>.properties.user</code>                                              | Event.Attribute, Incident.Attribute | User                                 | <code>.create_time</code> | admin                                                      | N/A                                                                                                              |
| <code>.properties.version</code>                                           | Event.Attribute, Incident.Attribute | TLS Version                          | <code>.create_time</code> | TLS 1.2                                                    | N/A                                                                                                              |
| <code>.properties.certificate</code>                                       | Event.Attribute, Incident.Attribute | Certificate                          | <code>.create_time</code> | dc1.attack.local:RSA_2048:3e426a1a3b2c2cae4cb51ec46b6c8a88 | N/A                                                                                                              |
| <code>.properties.named_pipe</code>                                        | Event.Attribute, Incident.Attribute | Named Pipe                           | <code>.create_time</code> | remcom                                                     | N/A                                                                                                              |
| <code>.ticket_id</code>                                                    | Event.Attribute, Incident.Attribute | Ticket ID                            | <code>.create_time</code> | 1412                                                       | N/A                                                                                                              |
| <code>.mitre_techniques[id]</code><br><code>.mitre_techniques[name]</code> | AttackPattern.Value                 | N/A                                  | <code>.create_time</code> | T1559 - Inter-Process Communication                        | Mapped to existing MITRE Techniques in ThreatQ.                                                                  |
| <code>.properties.association</code>                                       | Malware.Value                       | N/A                                  | <code>.create_time</code> | RemCom                                                     | Used when <code>.properties.category</code> is <b>Malware</b> .                                                  |
| <code>.properties.variant</code>                                           | Malware.Value                       | N/A                                  | <code>.create_time</code> | WannaCry                                                   | N/A                                                                                                              |
| <code>.properties.association</code>                                       | Adversary.Name                      | N/A                                  | <code>.create_time</code> | N/A                                                        | Used when <code>.properties.category</code> is one of <b>Actor</b> , <b>Threat Actor</b> , or <b>Adversary</b> . |
| <code>.properties.software</code>                                          | Tool.Value                          | N/A                                  | <code>.create_time</code> | sqlmap                                                     | N/A                                                                                                              |
| <code>.properties.hackin</code>                                            | Tool.Value                          | N/A                                  | <code>.create_time</code> | Kali Linux                                                 | N/A                                                                                                              |

| FEED DATA PATH                      | THREATQ ENTITY                       | THREATQ OBJECT TYPE OR ATTRIBUTE KEY | PUBLISHED DATE | EXAMPLES                                                         | NOTES                                                                       |
|-------------------------------------|--------------------------------------|--------------------------------------|----------------|------------------------------------------------------------------|-----------------------------------------------------------------------------|
| g_tool_name                         |                                      |                                      |                |                                                                  |                                                                             |
| .properties.tool                    | Tool.Value                           | N/A                                  | .create_time   | Impacket's GetUserSPNs.py                                        | N/A                                                                         |
| .participants[].object_value        | Asset.Value                          | N/A                                  | .create_time   | 10.13.0.115                                                      | User-configurable. Applied when .object_type is <b>device</b> .             |
| .participants[].role                | Asset.Tag                            | N/A                                  | N/A            | victim                                                           | User-configurable.                                                          |
| .participants[].endpoint            | Asset.Tag                            | N/A                                  | N/A            | server                                                           | User-configurable.                                                          |
| .participants[].hostname            | Asset.Attribute                      | Hostname                             | .create_time   | N/A                                                              | N/A                                                                         |
| .properties.registered_domain_name  | Indicator.Value                      | FQDN                                 | .create_time   | N/A                                                              | N/A                                                                         |
| .properties.registered_domain_names | Indicator.Value                      | FQDN                                 | .create_time   | N/A                                                              | N/A                                                                         |
| .properties.domain                  | Indicator.Value                      | FQDN                                 | .create_time   | N/A                                                              | N/A                                                                         |
| .properties.host                    | Indicator.Value                      | FQDN                                 | .create_time   | N/A                                                              | N/A                                                                         |
| .properties.query                   | Indicator.Value                      | FQDN                                 | .create_time   | N/A                                                              | N/A                                                                         |
| .properties.rdn                     | Indicator.Value                      | FQDN                                 | .create_time   | N/A                                                              | N/A                                                                         |
| .properties.server_ipaddr           | Indicator.Value                      | IP Address                           | .create_time   | N/A                                                              | N/A                                                                         |
| .title                              | Indicator.Value, Vulnerability.Value | CVE                                  | .create_time   | CVE-2025-12345                                                   | User-configurable. CVE ID is parsed from the detection title.               |
| .properties.filename                | Indicator.Value                      | File Name                            | .create_time   | H0d0r.exe                                                        | N/A                                                                         |
| .properties.file_sha256             | Indicator.Value                      | SHA-256                              | .create_time   | 178ba564b39bd07577e974a9b677dfd86ffa1f1d0299dfd958eb883c5ef6c3e1 | N/A                                                                         |
| N/A                                 | Indicator.Tag                        | N/A                                  | N/A            | detected                                                         | Automatically added to ingested indicators when enabled in the user fields. |

| FEED DATA PATH           | THREATQ ENTITY                                           | THREATQ OBJECT TYPE OR ATTRIBUTE KEY | PUBLISHED DATE | EXAMPLES            | NOTES                                                                             |
|--------------------------|----------------------------------------------------------|--------------------------------------|----------------|---------------------|-----------------------------------------------------------------------------------|
| .title                   | Indicator.Attribute                                      | Disposition                          | .create_time   | Malicious           | Disposition parsed from the detection title when available.                       |
| .categories[]            | Indicator.Attribute                                      | Threat Type                          | .create_time   | Ransomware          | Threat Type parsed from categories when available. See Threat Type mapping table. |
| .categories[]            | Indicator.Attribute                                      | Tactic                               | .create_time   | Command and Control | Tactic parsed from categories when available.                                     |
| .properties.file_paths[] | Event.Attribute, Incident.Attribute, Indicator.Attribute | File Path                            | .create_time   | ADMIN\$\xxFDMxx.exe | N/A                                                                               |

## Category Mapping Table

| EXTRAHOP VALUE   | THREATQ VALUE                  |
|------------------|--------------------------------|
| sec.action       | Actions on Objective           |
| sec.attack       | Attack                         |
| sec.botnet       | Botnet                         |
| sec.caution      | Caution                        |
| sec.command      | Command & Control              |
| sec.cryptomining | Cryptomining                   |
| sec.dos          | Denial of Service              |
| sec.exfil        | Exfiltration                   |
| sec.exploit      | Exploitation                   |
| sec.hardening    | Hardening                      |
| sec.lateral      | Lateral Movement               |
| sec.ransomware   | Ransomware                     |
| sec.recon        | Reconnaissance                 |
| perf.auth        | Authorization & Access Control |
| perf.db          | Database                       |
| perf.network     | Network Infrastructure         |

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| EXTRAHOP VALUE | THREATQ VALUE                |
|----------------|------------------------------|
| perf.service   | Service Degradation          |
| perf.storage   | Storage                      |
| perf.virtual   | Desktop & App Virtualization |
| perf.web       | Web Application              |

## Threat Type Mapping Table

| EXTRAHOP VALUE   | THREATQ VALUE     |
|------------------|-------------------|
| sec.attack       | Attack            |
| sec.botnet       | Botnet            |
| sec.cryptomining | Cryptomining      |
| sec.dos          | Denial of Service |
| sec.exfil        | Exfiltration      |
| sec.exploit      | Exploitation      |
| sec.ransomware   | Ransomware        |

## Tactic Mapping Table

| EXTRAHOP VALUE           | THREATQ VALUE       |
|--------------------------|---------------------|
| <code>sec.command</code> | Command and Control |
| <code>sec.lateral</code> | Lateral Movement    |
| <code>sec.exfil</code>   | Exfiltration        |
| <code>sec.recon</code>   | Reconnaissance      |

# 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 |
| Assets               | 13       |
| Asset Attributes     | 12       |
| Attack Patterns      | 51       |
| Events               | 126      |
| Event Attributes     | 1,500    |
| Indicators           | 41       |
| Indicator Attributes | 190      |
| Malware              | 2        |
| Tools                | 5        |

# Change Log

- Version 1.0.0
  - Initial release.