# ThreatQuotient

**A Securonix Company**

## CrowdStrike Insight EDR CDF

**Version 1.1.5**

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# Warning and Disclaimer

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# Support

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

**Support Email**: tq-support@securonix.com
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**Support Phone**: 703.574.9893

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

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

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

# Integration Details

ThreatQuotient provides the following details for this integration:

| | |
|---|---|
| **Current Integration Version** | 1.1.5 |
| **Compatible with ThreatQ Versions** | >= 5.12.0 |
| **Support Tier** | ThreatQ Supported |

# Introduction

The CrowdStrike Insight EDR CDF for ThreatQ gives analysts the ability to ingest detection incidents from CrowdStrike.

The integration provides the following feeds:

- **CrowdStrike Insight EDR - Detections** - brings in aggregated detections, along with their behavioral events and related IOCs, into ThreatQ.
    - **Get Detections by IDs (supplemental)** - fetches the full details for a given set of detection IDs.
- **CrowdStrike Insight EDR - Hosts** - feeds brings in aggregated detections into ThreatQ.
    - **Get Host by IDs (supplemental)** - fetches the full details for a given host IDs.

The following object types are ingested from the feeds above:

- Assets
- Attack Patterns
- Events
- Incidents
- Indicators
    - Filename
    - File Path
    - IP Address
    - Username
    - MD5
    - SHA-256
    - FQDN
    - Registry Key

# Prerequisites

The following is required to install and use the integration:

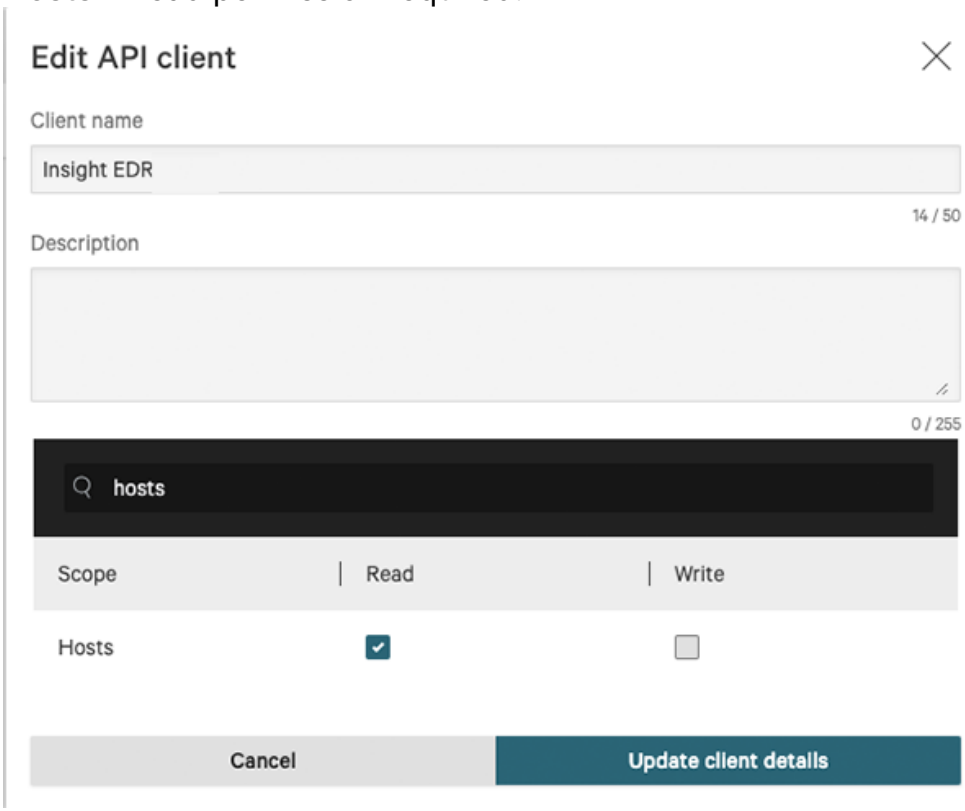
- CrowdStrike Client ID
- CrowdStrike Client Secret
- CrowdStrike API Client permissions configured in the CrowdStrike platform.

## CrowdStrike API Client Configuration

Users are required to create a properly scoped API Client within CrowdStrike's platform in order use the operation. API Clients can be created and configured via the **API Clients and Keys** page under **Support**.

The CrowdStrike Insight EDR CDF requires the following scope permission:

- **Hosts** - Read permission required.



# 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 yaml 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. Select the individual feeds to install, when prompted, and then 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(s).

# 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:

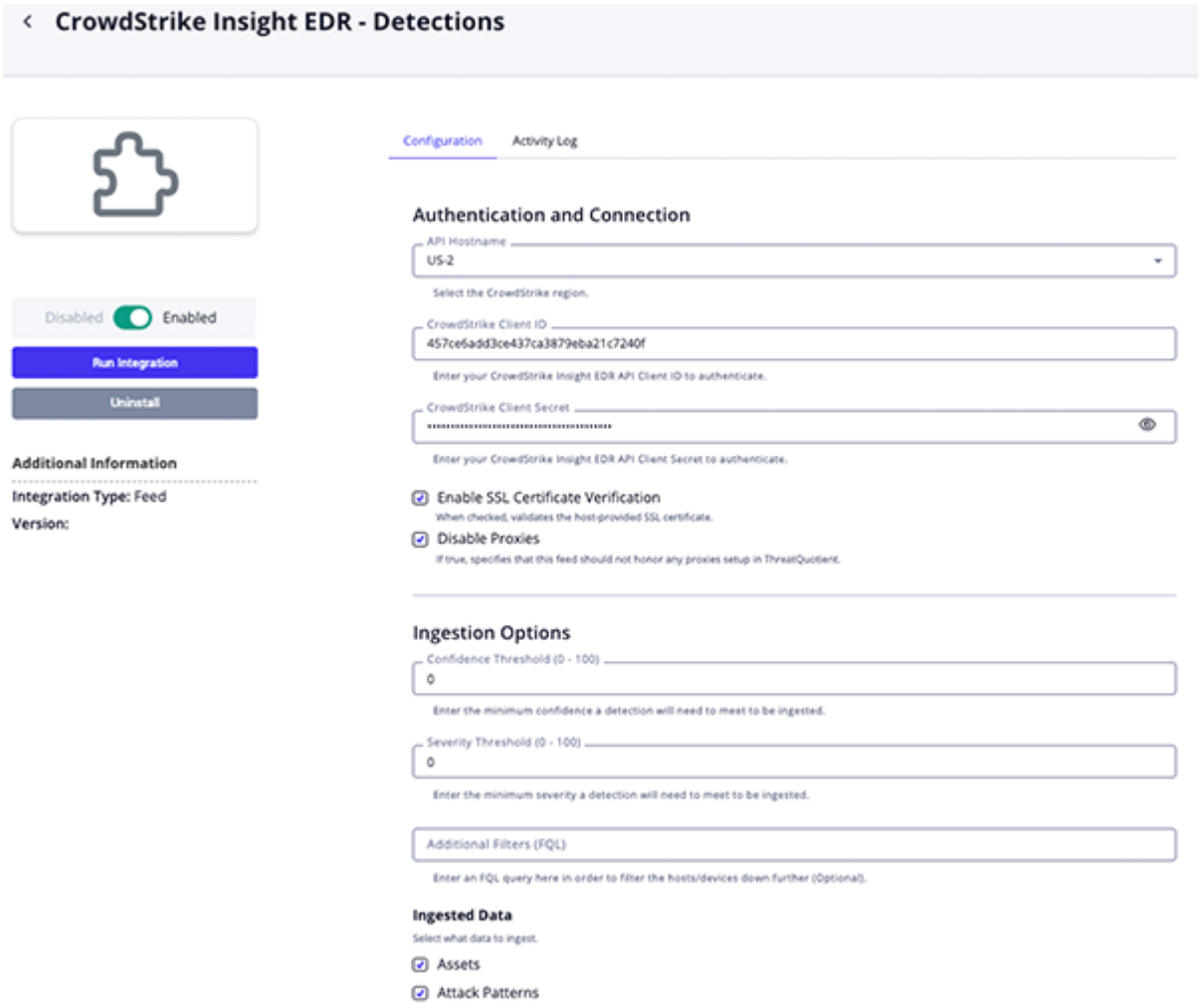
1. Navigate to your integrations management page in ThreatQ.
2. Select the **Commercial** option from the *Category* dropdown (optional).

   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:

## CrowdStrike Insight EDR - Detections Parameters

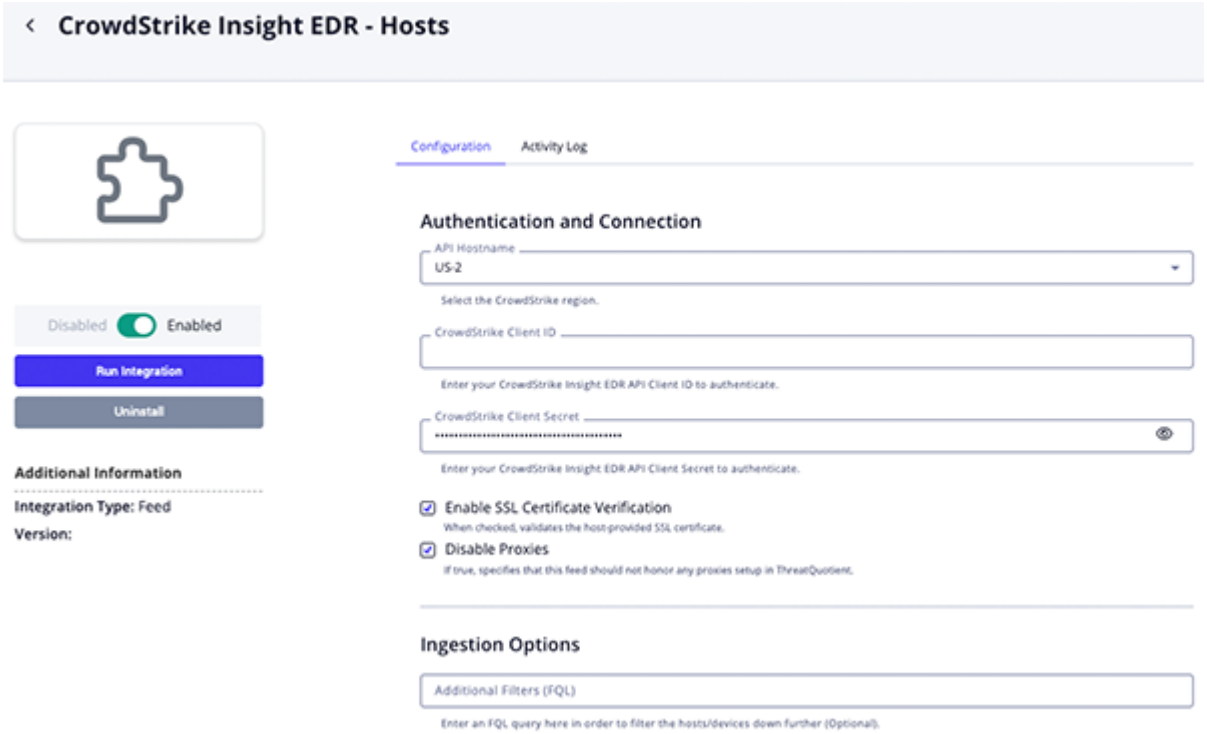
| PARAMETER | DESCRIPTION |
|---|---|
| **API Hostname** | Select the appropriate CrowdStrike host. Options include:<br>◦ **US-1**: `api.crowdstrike.com`<br>◦ **US-2**: `api.us-2.crowdstrike.com` (Default)<br>◦ **EU-1**: `api.eu-1.crowdstrike.com`<br>◦ **US-GOV-1**: `api.laggar.gcw.crowdstrike.com` |
| **CrowdStrike Client ID** | The CrowdStrike Insight EDR API Client ID to authenticate. |
| **CrowdStrike Client Secret** | The CrowdStrike Insight EDR API Client Secret to authenticate. |

| PARAMETER | DESCRIPTION |
|---|---|
| **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. |
| **Confidence Threshold (0-100)** | The minimum confidence a detection will need to meet to be ingested. The default setting is 0. |
| **Severity Threshold (0-100)** | The minimum severity a detection will need to meet to be ingested. The default setting is 0. |
| **Additional Filters (FQL)** | Enter a FQL query in the field provided to filter the hosts/devices down further. |
| **Ingested Data** | Select the data that will be ingested. Options include:<br>◦ Assets<br>◦ Attack Patterns<br>◦ Events<br>◦ Incidents<br>◦ Indicators<br>At least one option must be selected. All options are selected by default. |


CrowdStrike Insight EDR - Detections
Disabled
Enabled
Run Integration
Uninstall
Additional Information
Integration Type: Feed
Version:
Configuration
Activity Log
Authentication and Connection
API Hostname
US-2
Select the CrowdStrike region.
CrowdStrike Client ID
457ce6add3ce437ca3879eba21c7240f
Enter your CrowdStrike Insight EDR API Client ID to authenticate.
CrowdStrike Client Secret
Enter your CrowdStrike Insight EDR API Client Secret to authenticate.
Enable SSL Certificate Verification
When checked, validates the host-provided SSL certificate.
Disable Proxies
If true, specifies that this feed should not honor any proxies setup in ThreatQuotient.
Ingestion Options
Confidence Threshold (0 - 100)
0
Enter the minimum confidence a detection will need to meet to be ingested.
Severity Threshold (0 - 100)
0
Enter the minimum severity a detection will need to meet to be ingested.
Additional Filters (FQL)
Enter an FQL query here in order to filter the hosts/devices down further (Optional).
Ingested Data
Select what data to ingest.
Assets
Attack Patterns

# CrowdStrike Insight EDR - Hosts Parameters

| PARAMETER | DESCRIPTION |
|---|---|
| **API Hostname** | Select the appropriate CrowdStrike host. Options include:<br>◦ **US-1**: `api.crowdstrike.com`<br>◦ **US-2**: `api.us-2.crowdstrike.com` (Default)<br>◦ **EU-1**: `api.eu-1.crowdstrike.com`<br>◦ **US-GOV-1**: `api.laggar.gcw.crowdstrike.com` |
| **CrowdStrike Client ID** | The CrowdStrike Insight EDR API Client ID to authenticate. |
| **CrowdStrike Client Secret** | The CrowdStrike Insight EDR API Client Secret to authenticate. |
| **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. |
| **Additional Filters (FQL)** | Enter a FQL query in the field provided to filter the hosts/devices down further. |




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

ThreatQuotient provides the following mapping for the CrowdStrike Insight EDR CDF.

## CrowdStrike Insight EDR - Detections

`CrowdStrike Insight EDR - Detections` and `Get Detections by IDs (Supplemental)` feeds brings in aggregated detections, along with their behavioral events and related IOCs, into ThreatQ.

This feed retrieves the .resources[] key which is further on used in the `Get Detections by IDs (Supplemental)` supplemental feed call in order to fetch the rest of data.

```
GET https://{HOST}/alerts/queries/alerts/v2
```

**Sample Response**


```
{
    "meta": {
        "query_time": 0.016082104,
        "pagination": {
            "offset": 0,
            "limit": 100,
            "total": 3065
        },
        "powered_by": "msa-api",
        "trace_id": "e0f6d630-1558-42d9-86df-d495d9b7e535"
    },
    "resources": [
        "ldt:4c3db6145a704a179a6dacd924f6e8cc:73697616107",
        "ldt:4c3db6145a704a179a6dacd924f6e8cc:73695566300",
        "ldt:4c3db6145a704a179a6dacd924f6e8cc:73694280199"
    ],
    "errors": []
}
```

## Get Detections by IDs (Supplemental)

The Get Detections by IDs supplemental feed fetches the full details for a given set of detection IDs.

`POST https://{HOST}/alerts/entities/alerts/v2`

### Sample Response


```
{
    "meta": {
        "query_time": 0.016374054,
        "powered_by": "msa-api",
        "trace_id": "08a7c526-0fcc-44c0-bf8d-368b3a661cd7"
    },
    "resources": [
        {
            "cid": "e5d4a79a091448bfb80afc724b3cf952",
            "created_timestamp": "2021-08-31T00:20:57.828992776Z",
            "detection_id":
"ldt:4c3db6145a704a179a6dacd924f6e8cc:73693643274",
            "device": {
                "device_id": "4c3db6145a704a179a6dacd924f6e8cc",
                "cid": "e5d4a79a091448bfb80afc724b3cf952",
                "agent_load_flags": "0",
                "agent_local_time": "2021-08-12T12:08:19.328Z",
                "agent_version": "6.27.14105.0",
                "bios_manufacturer": "Xen",
                "bios_version": "4.2.amazon",
                "config_id_base": "65994753",
                "config_id_build": "14105",
                "config_id_platform": "3",
                "external_ip": "54.89.138.42",
                "hostname": "WIN10DETECTION",
                "first_seen": "2021-02-09T16:06:00Z",
                "last_seen": "2021-08-31T00:08:11Z",
                "local_ip": "172.17.0.31",
                "mac_address": "02-7d-30-2b-bc-f7",
                "machine_domain": "csanfr.local",
                "major_version": "10",
                "minor_version": "0",
                "os_version": "Windows 10",
                "platform_id": "0",
```

```
                "platform_name": "Windows",
                "product_type": "1",
                "product_type_desc": "Workstation",
                "site_name": "Default-First-Site-Name",
                "status": "normal",
                "system_manufacturer": "Xen",
                "system_product_name": "HVM domU",
                "groups": [
                    "47582c7801a4431e8d81d85aae570cd4"
                ],
                "modified_timestamp": "2021-08-31T00:10:03Z",
                "instance_id": "i-084e546a6695e1412",
                "service_provider": "AWS_EC2",
                "service_provider_account_id": "390847698897"
            },
            "behaviors": [
                {
                    "device_id": "4c3db6145a704a179a6dacd924f6e8cc",
                    "timestamp": "2021-08-31T00:20:17Z",
                    "behavior_id": "5702",
                    "filename": "runningdiskpartmg16.exe",
                    "filepath": "\\Device\\HarddiskVolume2\\Users\
\demo\\Desktop\\Malware\\runningdiskpartmg16.exe",
                    "alleged_filetype": "exe",
                    "cmdline": "c:\\Users\\demo\\Desktop\\Malware\
\runningdiskpartmg16.exe -k",
                    "scenario": "NGAV",
                    "objective": "Falcon Detection Method",
                    "tactic": "Machine Learning",
                    "tactic_id": "CSTA0004",
                    "technique": "Sensor-based ML",
                    "technique_id": "CST0007",
                    "display_name": "",
                    "description": "This file meets the machine
learning-based on-sensor AV protection's high confidence threshold
for malicious files.",
                    "severity": 70,
                    "confidence": 70,
                    "ioc_type": "hash_sha256",
                    "ioc_value":
"4d4b17ddbcf4ce397f76cf0a2e230c9d513b23065f746a5ee2de74f447be39b9",
                    "ioc_source": "library_load",
```

```
                    "ioc_description": "\\Device\\HarddiskVolume2\
\Users\\demo\\Desktop\\Malware\\runningdiskpartmg16.exe",
                    "user_name": "WIN10DETECTION$",
                    "user_id": "S-1-5-18",
                    "control_graph_id":
"ctg:4c3db6145a704a179a6dacd924f6e8cc:73693643274",
                    "triggering_process_graph_id":
"pid:4c3db6145a704a179a6dacd924f6e8cc:656468848626",
                    "sha256":
"4d4b17ddbcf4ce397f76cf0a2e230c9d513b23065f746a5ee2de74f447be39b9",
                    "md5": "d1c27ee7ce18675974edf42d4eea25c6",
                    "parent_details": {
                        "parent_sha256":
"9077b1aa0afb8db329fded0e51085de1c51b22a986162f29037fca404a80d512",
                        "parent_md5": "",
                        "parent_cmdline": "C:\\Windows\\system32\
\services.exe",
                        "parent_process_graph_id":
"pid:4c3db6145a704a179a6dacd924f6e8cc:476751454426"
                    },
                    "pattern_disposition": 2304,
                    "pattern_disposition_details": {
                        "indicator": false,
                        "detect": false,
                        "inddet_mask": false,
                        "sensor_only": false,
                        "rooting": false,
                        "kill_process": false,
                        "kill_subprocess": false,
                        "quarantine_machine": false,
                        "quarantine_file": false,
                        "policy_disabled": true,
                        "kill_parent": false,
                        "operation_blocked": false,
                        "process_blocked": true,
                        "registry_operation_blocked": false,
                        "critical_process_disabled": false,
                        "bootup_safeguard_enabled": false,
                        "fs_operation_blocked": false,
                        "handle_operation_downgraded": false,
                        "kill_action_failed": false,
                        "blocking_unsupported_or_disabled": false,
```

```
                        "suspend_process": false,
                        "suspend_parent": false
                    }
                }
            ],
            "email_sent": true,
            "first_behavior": "2021-08-31T00:20:17Z",
            "last_behavior": "2021-08-31T00:20:18Z",
            "max_confidence": 70,
            "max_severity": 70,
            "max_severity_displayname": "High",
            "show_in_ui": true,
            "status": "new",
            "hostinfo": {
                "domain": ""
            },
            "seconds_to_triaged": 0,
            "seconds_to_resolved": 0,
            "behaviors_processed": [

"pid:4c3db6145a704a179a6dacd924f6e8cc:656471670052:5702",

"pid:4c3db6145a704a179a6dacd924f6e8cc:656474610435:5702",

"pid:4c3db6145a704a179a6dacd924f6e8cc:656470648952:5702",

"pid:4c3db6145a704a179a6dacd924f6e8cc:656469680329:5702",

"pid:4c3db6145a704a179a6dacd924f6e8cc:656468848626:5702"
            ]
        }
    ],
    "errors": []
}
```


ThreatQuotient provides the following default mapping for this feed:

| FEED DATA PATH | THREATQ ENTITY | THREATQ OBJECT TYPE OR ATTRIBUTE KEY | PUBLISHED DATE | EXAMPLES | NOTES |
|---|---|---|---|---|---|
| `.resources[].device.machine_domain + '\'` | `Related Asset.Value` | `N/A` | `.resources[].device.first_seen` | `csanfr.local\WIN10DETECTION` | `Will be ingested if the Assets user_field is checked. The local IP is stored as an attribute instead` |

| FEED DATA PATH | THREATQ ENTITY | THREATQ OBJECT TYPE OR ATTRIBUTE KEY | PUBLISHED DATE | EXAMPLES | NOTES |
|---|---|---|---|---|---|
| + .resources[].device.hostname | | | | | of being part of the asset value. |
| .resources[].device.local_ip | Related Asset.Attribute | IP Address | .resources[].device.first_seen | 172.17.0.31 | N/A |
| .resources[].device.hostname | Related Asset.Attribute | Hostname | .resources[].device.first_seen | WIN10DETECTION | N/A |
| .resources[].device.external_ip | Related Asset.Attribute | External IP Address | .resources[].device.first_seen | 54.89.138.42 | N/A |
| .resources[].device.device_id | Related Asset.Attribute | CrowdStrike Device ID | .resources[].device.first_seen | 4c3db6145a704a179a6dacd924f6e8cc | N/A |
| .resources[].device.os_version | Related Asset.Attribute | Operating System | .resources[].device.first_seen | Windows 10 | N/A |
| .resources[].device.product_type_desc | Related Asset.Attribute | Product Type | .resources[].device.first_seen | Workstation | N/A |
| .resources[].device.site_name | Related Asset.Attribute | Site Name | .resources[].device.first_seen | Default-First-Site-Name | N/A |
| .resources[].device.status | Related Asset.Attribute | Status | .resources[].device.first_seen | normal | Updatable |
| .resources[].device.service_provider | Related Asset.Attribute | Service Provider | .resources[].device.first_seen | AWS_EC2 | N/A |
| .resources[].device.detection_suppression_status | Related Asset.Attribute | Detection Suppression Status | .resources[].device.first_seen | unsuppressed | Updatable |
| .resources[].device.host_hidden_status | Related Asset.Attribute | Hidden Status | .resources[].device.first_seen | visible | Updatable |
| .resources[].device.ou | Related Asset.Attribute | Organizational Unit | .resources[].device.first_seen | Domain Controllers | N/A |
| .resources[].device.rfm_state | Related Asset.Attribute | Reduced Functionality Mode | .resources[].device.first_seen | True | Converted to string. Updatable |
| .resources[].device.provision_state | Related Asset.Attribute | Provision Status | .resources[].device.first_seen | True | Converted to string. Updatable |
| .resources[].device.zone_group | Related Asset.Attribute | Zone Group | .resources[].device.first_seen | us-east-1a | N/A |
| .resources[].filename | Related Indicator.Value | Filename | .resources[].created_timestamp | runningdiskpartmg16.exe | The status of the indicator is Indirect. Will be ingested if the Indicators user_field is checked. |

| FEED DATA PATH | THREATQ ENTITY | THREATQ OBJECT TYPE OR ATTRIBUTE KEY | PUBLISHED DATE | EXAMPLES | NOTES |
|---|---|---|---|---|---|
| .resources[].filepath | Related Indicator.Value | File Path | .resources[].created_timestamp | \Device\HarddiskVolume2\Users\demo\Desktop\Malware\runningdiskpartmg16.exe | The status of the indicator is Indirect. Will be ingested if the Indicators user_field is checked. |
| .resources[].md5 | Related Indicator.Value | MD5 | .resources[].created_timestamp | d1c27ee7ce18675974edf42d4eea25c6 | The status of the indicator is Indirect. Will be ingested if the Indicators user_field is checked. |
| .resources[].sha256 | Related Indicator.Value | SHA-256 | .resources[].created_timestamp | 4d4b17ddbcf4ce397f76cf0a2e230c9d513b23065f746a5ee2de74f447be39b9 | The status of the indicator is Indirect. Will be ingested if the Indicators user_field is checked. |
| .resources[].quarantined_files[].sha256 | Related Indicator.Attribute | Quarantined | .resources[].created_timestamp | true | If a detection contains a quarantined file whose SHA-256 matches an ingested hash indicator, the related hash indicator is marked with Quarantined: true. |
| .resources[].alleged_filetype | Related Indicator/Related Event.Attribute | Alleged File Type | .resources[].created_timestamp | exe | Added to .md5, .sha256 and .ioc_value |
| .resources[].confidence | Related Indicator/Related Event.Attribute | Confidence | .resources[].created_timestamp | 70 | Added to .md5, .sha256 and .ioc_value. Updatable |
| .resources[].severity | Related Indicator/Related Event.Attribute | Severity | .resources[].created_timestamp | 70 | Added to .md5, .sha256 and .ioc_value. Updatable |
| .resources[].ioc_type | Related Indicator.Type | N/A | .resources[].created_timestamp | SHA-256 | Mapped by using the detection table below |
| .resources[].ioc_value | Related Indicator.Value | N/A | .resources[].created_timestamp | 4d4b17ddbcf4ce397f76cf0a2e230c9d513b23065f746a5ee2de74f447be39b9 | Will be ingested if the Indicators user_field is checked. |
| .resources[].ioc_description | Related Indicator.Description | N/A | .resources[].created_timestamp | \Device\HarddiskVolume2\Users\demo\Desktop\Malware\runningdiskpartmg16.exe | N/A |
| .resources[].ioc_source | Related Indicator.Attribute | IOC Source | .resources[].created_timestamp | library_load | N/A |
| 'CrowdStrike Detection: ' + .resources[].aggregate_id | Incident.Value | N/A | .resources[].created_timestamp | Severity Detection on WIN10DETECTION - ldt:4c3db6145a704a179a6dacd924f6e8cc:73693643276 | Will be ingested if the Incidents user_field is checked. |

| FEED DATA PATH | THREATQ ENTITY | THREATQ OBJECT TYPE OR ATTRIBUTE KEY | PUBLISHED DATE | EXAMPLES | NOTES |
|---|---|---|---|---|---|
| .resources[].incident.start | Incident.Started_at | N/A | N/A | 2021-08-22T18:30:03Z | N/A |
| .resources[].incident.end | Incident.Ended_at | N/A | N/A | 2021-08-22T18:30:03Z | N/A |
| .resources[].email_sent | Incident.Attribute | Email Sent | .resources[].created_timestamp | True | Converted to string. |
| .resources[].aggregate_id | Incident.Attribute | CrowdStrike Aggregate ID | .resources[].created_timestamp | ldt:4c3db6145a704a179a6dacd924f6e8cc:73619780939 | N/A |
| .resources[].status | Incident.Attribute | Status | .resources[].created_timestamp | new | Updatable |
| .resources[].seconds_to_resolved | Incident.Attribute | Seconds to Resolved | .resources[].created_timestamp | 0 | If value is not 0. Updatable |
| .resources[].seconds_to_triaged | Incident.Attribute | Seconds to Triaged | .resources[].created_timestamp | 70 | If value is not 0. Updatable |
| .resources[].technique_id + ' - ' + .resources[].technique | Related Attack Pattern.Value | N/A | N/A | CST0017 - Sensor-based ML | If .resources[].technique_id is a known Mitre Attack, the already existing attack pattern is linked to the objects. The object will be ingested/linked if the Attack Patterns user_field is checked. |
| .resources[].tactic | Related Attack Pattern.Attribute | Tactic | .resources[].created_timestamp | Machine Learning | The attribute is added only to new attack patterns |
| .resources[].scenario + ':' + .resources[].name + ' on ' + .resources[].device.hostname | Related Event.Title | N/A | .resources[].timestamp | Ngav: SpearPhishExecutableStack on WIN10DETECTION | Will be ingested if the Events user_field is checked. The Event Type is Detection |
| .resources[].description | Related Event.Description | N/A | .resources[].created_timestamp | This file meets the machine learning-based on-sensor AV protection's high confidence threshold for malicious files. | N/A |
| .resources[].display_name | Related Event.Attribute | Behavior | .resources[].created_timestamp | machine learning | N/A |
| .resources[].ioc_source | Related Event.Attribute | IOC Source | .resources[].created_timestamp | library_load | N/A |
| .resources[].objective | Related Event.Attribute | Behavior Objective | .resources[].created_timestamp | Falcon Detection Method | N/A |

## CrowdStrike Detection Type Mapping

The CrowdStrike Detection Type (as found in `.resources[].behaviors[].ioc_type` in the Get Detections by IDs Supplemental feed) to ThreatQ Type mapping is as follows:

| CROWDSTRIKE INDICATOR TYPE | THREATQ INDICATOR TYPE |
|---|---|
| **domain** | FQDN |
| **filename** | Filename |
| **hash_md5** | MD5 |
| **hash_sha256** | SHA-256 |
| **registry_key** | Registry Key |

# CrowdStrike Insight EDR - Hosts

`CrowdStrike Insight EDR - Hosts` and `Get Host by IDs (Supplemental)` feeds brings in aggregated detections into ThreatQ.

The CrowdStrike Insight EDR - Hosts feed retrieves the `.resources[]` key which is further on used in the `Get Host by IDs (Supplemental)` supplemental feed call in order to fetch the details.

`GET https://{HOST}/detects/entities/summaries/GET/v1`


```
{
    "meta": {
        "query_time": 0.016082104,
        "pagination": {
            "offset": 0,
            "limit": 100,
            "total": 3065
        },
        "powered_by": "msa-api",
        "trace_id": "e0f6d630-1558-42d9-86df-d495d9b7e535"
    },
    "resources": [
        "0b5abb999c1544f1af71983753ff8d22",
        "3eb0e8e03d1245eaa643046f84bc51f8",
        "3fd9b8a8a7ba426a9bf3aaa2ddfc5b02"
    ],
    "errors": []
}
```

## Get Host by IDs (Supplemental)

The Get Host by IDs supplemental feed fetches the full details for a given host IDs.

`POST https://{HOST}/devices/entities/devices/v2`

**Sample Response**


```
{
  "meta": {
    "query_time": 0.005269768,
    "powered_by": "device-api",
    "trace_id": "d04ebb63-4aab-48ec-a7bc-5495bc6f0f03"
  },
  "resources": [
    {
      "device_id": "3fd9b8a8a7ba426a9bf3aaa2ddfc5b02",
      "cid": "e5d4a79a091448bfb80afc724b3cf952",
      "agent_load_flags": "0",
      "agent_local_time": "2021-10-21T22:05:09.512Z",
      "agent_version": "6.30.14406.0",
      "bios_manufacturer": "American Megatrends Inc.",
      "bios_version": "090008 ",
      "build_number": "19042",
      "config_id_base": "65994753",
      "config_id_build": "14406",
      "config_id_platform": "3",
      "cpu_signature": "329303",
      "external_ip": "20.58.113.63",
      "mac_address": "00-22-48-00-63-1f",
      "instance_id": "3c4c3d6f-fa6d-44d3-8a29-1e7d16ce5dfd",
      "service_provider": "AZURE",
      "service_provider_account_id": "ec5c2f3b-9a85-498b-b609-
e81a8e6e2cbd",
      "hostname": "SENTINEL-C-02",
      "first_seen": "2021-06-01T07:48:08Z",
      "last_seen": "2021-10-26T10:11:57Z",
      "local_ip": "172.18.0.9",
      "machine_domain": "illusive-sacumen.com",
      "major_version": "10",
      "minor_version": "0",
      "os_version": "Windows 10",
      "os_build": "19042",
```

```
    "ou": [],
    "platform_id": "0",
    "platform_name": "Windows",
    "policies": [
      {
        "policy_type": "prevention",
        "policy_id": "fcde00f4eef9466c8578f2dc587b437a",
        "applied": true,
        "settings_hash": "adc849a6",
        "assigned_date": "2021-09-02T00:14:29.894848191Z",
        "applied_date": "2021-09-02T00:16:03.578241038Z",
        "rule_groups": []
      }
    ],
    "reduced_functionality_mode": "no",
    "device_policies": {
      "prevention": {
        "policy_type": "prevention",
        "policy_id": "fcde00f4eef9466c8578f2dc587b437a",
        "applied": true,
        "settings_hash": "adc849a6",
        "assigned_date": "2021-09-02T00:14:29.894848191Z",
        "applied_date": "2021-09-02T00:16:03.578241038Z",
        "rule_groups": []
      },
      "sensor_update": {
        "policy_type": "sensor-update",
        "policy_id": "5b568dec090c480b808830586c134441",
        "applied": true,
        "settings_hash": "65994753|3|2|automatic;101",
        "assigned_date": "2021-10-21T22:03:38.322395302Z",
        "applied_date": "2021-10-21T22:06:51.608393214Z",
        "uninstall_protection": "ENABLED"
      },
      "device_control": {
        "policy_type": "device-control",
        "policy_id": "25d6ae9765624a0b9c1ec577836a8925",
        "applied": true,
        "assigned_date": "2021-10-21T00:51:26.169208737Z",
        "applied_date": "2021-10-21T00:56:09.944670879Z"
      },
      "global_config": {
```

```
          "policy_type": "globalconfig",
          "policy_id": "dc483372e2474e2fb5efc99a49a80fc1",
          "applied": true,
          "settings_hash": "c6c03d6",
          "assigned_date": "2021-10-21T22:06:57.220323195Z",
          "applied_date": "2021-10-21T22:08:24.58680563Z"
        },
        "remote_response": {
          "policy_type": "remote-response",
          "policy_id": "ab8edf33dd1e4a178eac44f2b4fc2c25",
          "applied": true,
          "settings_hash": "f472bd8e",
          "assigned_date": "2021-06-01T07:49:34.07955937Z",
          "applied_date": "2021-06-01T07:49:53.428657794Z"
        },
        "firewall": {
          "policy_type": "firewall",
          "policy_id": "b07aa203e1b24a1581b5403390746a36",
          "applied": true,
          "assigned_date": "2021-10-21T00:51:26.169225468Z",
          "applied_date": "2021-10-21T00:56:10.455799263Z",
          "rule_set_id": "b07aa203e1b24a1581b5403390746a36"
        }
      },
      "groups": [],
      "group_hash":
"e3b0c44298fc1c149afbf4c8996fb92427ae41e4649b934ca495991b7852b855",
      "product_type": "1",
      "product_type_desc": "Workstation",
      "provision_status": "Provisioned",
      "serial_number": "0000-0004-3449-1529-1657-8152-51",
      "service_pack_major": "0",
      "service_pack_minor": "0",
      "pointer_size": "8",
      "site_name": "Default-First-Site-Name",
      "status": "contained",
      "system_manufacturer": "Microsoft Corporation",
      "system_product_name": "Virtual Machine",
      "tags": [],
      "modified_timestamp": "2021-10-26T10:12:02Z",
      "slow_changing_modified_timestamp": "2021-10-26T10:05:23Z",
      "meta": {
```

```
        "version": "11755"
      },
      "zone_group": "Sentinel"
    }
  ],
  "errors": []
}
```

ThreatQuotient provides the following default mapping for this feed:

| FEED DATA PATH | THREATQ ENTITY | THREATQ OBJECT TYPE OR ATTRIBUTE KEY | PUBLISHED DATE | EXAMPLES | NOTES |
|---|---|---|---|---|---|
| .resources[].machine_domain + '\' + .resources[].hostname | Asset.Value | N/A | .resources[].first_seen | illusive-sacumen.com\SENTINEL-C-02 | The local IP is stored as an attribute instead of being part of the asset value. |
| .resources[].local_ip | Asset.Attribute | IP Address | .resources[].first_seen | 172.17.0.31 | N/A |
| .resources[].hostname | Asset.Attribute | Hostname | .resources[].first_seen | WIN10DETECTION | N/A |
| .resources[].external_ip | Asset.Attribute | External IP Address | .resources[].first_seen | 54.89.138.42 | N/A |
| .resources[]_id | Asset.Attribute | CrowdStrike Device ID | .resources[].first_seen | 4c3db6145a704a179a6dacd924f6e8cc | N/A |
| .resources[].os_version | Asset.Attribute | Operating System | .resources[].first_seen | Windows 10 | N/A |
| .resources[].product_type_desc | Asset.Attribute | Product Type | .resources[].first_seen | Workstation | N/A |
| .resources[].site_name | Asset.Attribute | Site Name | .resources[].first_seen | Default-First-Site-Name | N/A |
| .resources[].status | Asset.Attribute | Status | .resources[].first_seen | normal | Updatable |
| .resources[].detection_suppression_status | Asset.Attribute | Detection Suppression Status | .resources[].first_seen | unsuppressed | Updatable |
| .resources[].service_provider | Asset.Attribute | Service Provider | .resources[].first_seen | AWS_EC2 | N/A |
| .resources[].host_hidden_status | Asset.Attribute | Host Hidden Status | .resources[].first_seen | visible | Updatable |
| .resources[].ou | Asset.Attribute | Organizational Unit | .resources[].first_seen | Domain Controllers | N/A |
| .resources[].rfm_state | Asset.Attribute | Reduced Functionality Mode | .resources[].first_seen | True | Updatable |
| .resources[].provision_state | Asset.Attribute | Provision Status | .resources[].first_seen | True | Updatable |
| .resources[].zone_group | Asset.Attribute | Zone Group | .resources[].first_seen | us-east-1a | N/A |
| .resources[].tags[] | Asset.Tag | N/A | N/A | FalconGroupingTags/testtag | N/A |

# 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.

## CrowdStrike Insight EDR - Detections

| METRIC | RESULT |
|---|---|
| **Run Time** | 1 minute |
| **Assets** | 1 |
| **Asset Attributes** | 9 |
| **Attack Patterns** | 4 |
| **Attack Pattern Attributes** | 3 |
| **Events** | 2 |
| **Event Attributes** | 10 |
| **Incidents** | 1 |
| **Incident Attributes** | 9 |
| **Indicators** | 9 |
| **Indicator Attributes** | 14 |

## CrowdStrike Insight EDR - Hosts

| METRIC | RESULT |
|---|---|
| **Run Time** | 1 minute |
| **Assets** | 3 |

| METRIC | RESULT |
| --- | --- |
| **Asset Attributes** | 41 |

# Known Issues / Limitations

- As of the release of version 1.0.3, Host Groups cannot be customized.  All indicators will be applied globally.

# Change Log

- **Version 1.1.5**
  - Updated Asset ingestion to exclude local IP addresses from the value field.
  - Removed ingestion of associated usernames as related indicators.
  - Enhanced handling of hashes identified in `quarantined_files` by assigning the attribute `Quarantined: true`.
- **Version 1.1.4**
  - Resolved an issue with the **CrowdStrike Insight EDR - Detections** feed where missing severity attributes caused feed run errors.
- **Version 1.1.3**
  - Resolved an issue where the **CrowdStrike Insight EDR – Detections** feed would fail with the error message `UndefinedError('dict object' has no attribute 'confidence')` when the response was missing attributes such as `confidence`, `technique_id`, or `device`.
- **Version 1.1.2**
  - Updated the **CrowdStrike Insight EDR – Detections** feed to utilize the Alerts v2 API endpoint.
  - Added the following new configuration parameters for all feeds:
    - **Enable SSL Certificate Verification** - enable or disable verification of the server's SSL certificate.
    - **Disable Proxies** - determine if the feed should honor proxy settings set in the ThreatQ UI.
  - Added update rules for select attributes.
  - Updated the minimum ThreatQ version to 5.12.0.
- **Version 1.1.1 rev-a**
  - Guide Update - added a section, CrowdStrike Client API Configuration, to the Prerequisites section of the guide.
- **Version 1.1.1**
  - Removed the **CrowdStrike Insight EDR - IOC Export** feed as it has now been incorporated into the **CrowdStrike Insight EDR Action Bundle** integration.
- **Version 1.1.0**

    - CrowdStrike Insight EDR - IOC Export - Added the following new configuration options:
        - Policy for MD5, SHA256 Indicators
        - Policy for Domain, ipv4, ipv6 Indicators

- **Version 1.0.5**
    - Updated the **Get Host by IDs** supplemental feed endpoint to v2.
- **Version 1.0.4 rev-a (Guide Update)**
    - Updated the Prerequisites chapter regarding the Asset object. ThreatQ version 5.10.0 introduced the Asset object as a seeded default system object. Users on ThreatQ 5.10.0 or later do not have to install the Asset custom object prior to installing the integration.
- **Version 1.0.4**
    - Added check to `CrowdStrike Insight EDR - IOC Export` in order to verify if indicators already exist in CrowdStrike. Trying to add an existing one will throw an error and will stop any of the indicators from being added.
- **Version 1.0.3**
    - Updated the **CrowdStrike Insight EDR - IOC Export** endpoint's URL and body.
    - Added **Default Platform** configuration parameter.
    - Removed the **Policy Type** configuration parameter.
- **Version 1.0.2 rev-a**
    - Updated Custom Object installation steps in the Prerequisites chapter.
- **Version 1.0.2**
    - Fixed an issue where custom object files were missing from the integration download. Updated documentation with steps to install the Asset custom object - see the Prerequisites chapter.
    - Added an Attack Pattern object from Behavior Techniques data in CrowdStrike Insight EDR - Detections Feed.
    - Removed Behavior Technique and Behavior Tactic attributes.
    - Removed the `Ingest Behavior Events` option from the **CrowdStrike Insight EDR - Detections** feed configuration.
    - Users can now select what data will be ingested in ThreatQ by selecting the appropriate option(s) in **CrowdStrike Insight EDR - Detections** feed configuration.
- **Version 1.0.1**

  - Added a new **API Host** configuration parameter that will allow you to select a CrowdStrike host.  See step 4 in the Configuration chapter for more information.

- **Version 1.0.0**
  - Initial release