ThreatQuotient

GroupIB CDF Guide

Version 3.3.0

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Integration Details

ThreatQuotient provides the following details for this integration:

Current Integration Version	3.3.0
Compatible with ThreatQ Versions	>= 4.45.0
Support Tier	ThreatQ Supported

Introduction

Group-IB is a provider of solutions aimed at detection and prevention of cyberattacks, online fraud, and IP protection.

The Group-IB CDF for ThreatQ provides the following feeds:

- GroupIB Compromised Data Mules
- GroupIB Compromised Data IMEI
- GroupIB Compromised Shops
- GroupIB Human Intelligence Threat
- GroupIB Human Intelligence Threat Actor
- GroupIB APT Threat
- GroupIB APT Threat Actor
- GroupIB Malware C2
- GroupIB Malware Configs
- GroupIB Suspicious IP Tor Node
- GroupIB Suspicious IP Open Proxy
- GroupIB Suspicious IP Socks Proxy
- GroupIB Suspicious IP VPN
- GroupIB Suspicious IP Scanner
- GroupIB Malware Targeted Malware
- GroupIB Malware Report
- GroupIB Malware Signature
- GroupIB Malware YARA Rule
- GroupIB Malware Vulnerability
- GroupIB Attacks DDoS
- GroupIB Attacks Deface
- GroupIB Attacks Phishing
- GroupIB Attacks Phishing Group
- GroupIB Attacks Abuse Phishing Kit
- GroupIB OSI PublicLeak
- GroupIB IOC Common

Object types ingested from the feeds above include:

- Adversaries
- Attack Patterns
- Compromised Accounts (custom object)
- Compromised Cards (custom object)
- Identities
- IMEIs (custom object)
- Indicators
- Intrusion Sets
- Malware
- Money Mule (custom object)
- Organizations (custom object)
- Tools

Prerequisites

The Group-IB CDF requires the installation of the following custom objects:

- IMEI
- Money Mule
- Organization
- Compromised Account
- Compromised Card

> ⚠ The custom objects listed above must be installed prior to installing the CDF. Attempting to install the integration without the required custom objects will cause the install process to fail.

Custom Objects Installation

Use the steps provided to install the custom objects.

> ⚠ When installing the custom objects, be aware that any in-progress feed runs will be cancelled, and the API will be in maintenance mode.

1. Download the custom object zip file from the ThreatQ Marketplace and unzip its contents.
2. SSH into your ThreatQ instance.
3. Navigate to tmp directory:

   ```
   <> cd /tmp/
   ```

4. Create a new directory:

   ```
   <> mkdir groupib_cdf
   ```

5. Upload the **groupib.json** and **install.sh** script into this new directory.
6. Create a new directory called **images** within the groupib_cdf directory.

   ```
   <> mkdir images
   ```

7. Upload the svg files.

8. Navigate to **/tmp/groupib_cdf**.

   The directory should resemble the following:

   - tmp
     - **groupib_cdf**
       - **groupib.json**
       - **install.sh**
       - **images**
         - **Account.svg**
         - **CompromisedCard.svg**
         - **IMEI.svg**
         - **MoneyMule.svg**
         - **Organization.svg**

9. Run the following command to ensure that you have the proper permissions to install the custom object:

   ```
   <> chmod +x install.sh
   ```

10. Run the following command:

    ```
    <> sudo ./install.sh
    ```

    > You must be in the directory level that houses the install.sh and json files when running this command.

    The installation script will automatically put the application into maintenance mode, move the files to their required directories, install the custom object, update permissions, bring the application out of maintenance mode, and restart dynamo.

```
----- Installing GroupIB Custom Objects -----

Installing Custom Objects - Step 1 of 5 (Entering Maintenance Mode)
[                                                                              ]
[Application is now in maintenance mode.                                       ]
Installing Custom Objects - Step 2 of 5 (Installing the GroupIB Custom Objects)

'/tmp/group-ib/icons/Account.svg' -> '/var/www/api/database/seeds/data/icons/imag
es/custom_objects/Account.svg'
'/tmp/group-ib/icons/CompromisedCard.svg' -> '/var/www/api/database/seeds/data/ic
ons/images/custom_objects/CompromisedCard.svg'
'/tmp/group-ib/icons/IMEI.svg' -> '/var/www/api/database/seeds/data/icons/images/
custom_objects/IMEI.svg'
'/tmp/group-ib/icons/MoneyMule.svg' -> '/var/www/api/database/seeds/data/icons/im
ages/custom_objects/MoneyMule.svg'
'/tmp/group-ib/icons/Organization.svg' -> '/var/www/api/database/seeds/data/icons
/images/custom_objects/Organization.svg'
'/tmp/group-ib/groupib.json' -> '/var/www/api/database/seeds/data/custom_objects/
groupib.json'
Installing Custom Objects - Step 3 of 5 (Configuring icons for the GroupIB Custom
 Objects)
[                                                                              ]
Installing Custom Objects - Step 4 of 5 (Updating Permissions in ThreatQ)
[                                                                              ]
[Installing Custom Objects - Step 5 of 5 (Exiting Maintenance Mode and Restarting ]
Dynamo)

Application is now live.
```

11. Remove the temporary directory, after the custom object has been installed, as the files are no longer needed:

```
<> rm -rf groupib_cdf
```

Installation

> The CDF requires the installation of three custom objects before installing the actual CDF. See the Prerequisites chapter for more details.

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. If prompted, select the individual feeds to install and click **Install**. The feed will be added to the integrations page.

You will still need to configure and then enable the feed.

Configuration

> ThreatQuotient does not issue API keys for third-party vendors. Contact the specific vendor to obtain API keys and other integration-related credentials.

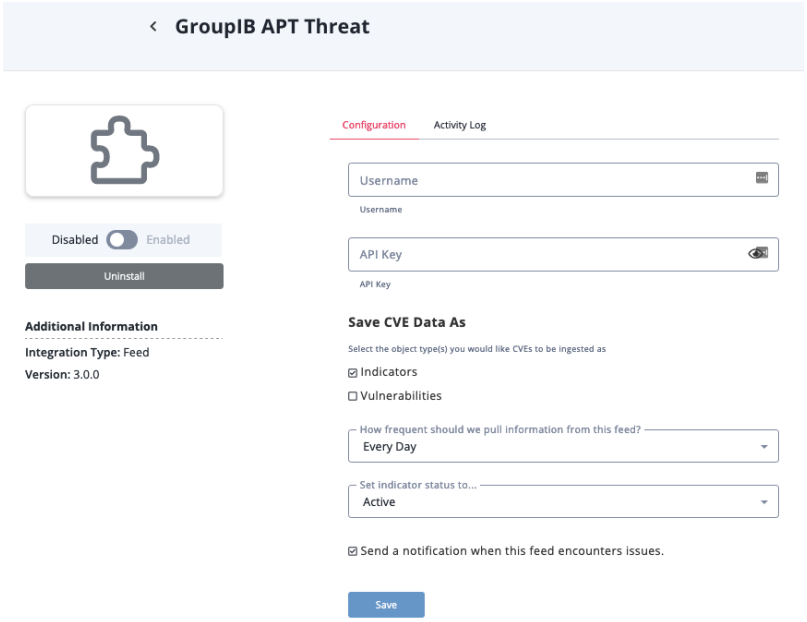
To configure the integration:

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

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

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

PARAMETER	DESCRIPTION
Username	Your Group-IB username.
API Key	Your Group-IB API Key.
Save CVE Data as	Select the object type(s) you would like CVEs to be ingested as. > This parameter supports the following feeds: GroupIB Human Threat Intelligence, GroupIB APT Threat, and GroupIB Malware Vulnerability.



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

GroupIB Compromised Data Mules

The GroupIB Compromised Data Mules feed ingests compromised Money Mule objects and any related Indicators, Malware, Organizations, Identities, and Adversaries.

```
GET https://tap.group-ib.com/api/v2/compromised/mule
```

Sample Response:


```
{
  "resultId": "e6ab53a3a3e4a9265cb06f014a240bdab56ec206",
  "count": 33789,
  "items": [
    {
      "account": "9245316213",
      "cnc": {
        "cnc": "http://serv.sexura.ru",
        "domain": "serv.sexura.ru",
        "ipv4": {
          "asn": "AS16276 OVH SAS",
          "city": "Gravelines",
          "countryCode": "FR",
          "countryName": "France",
          "ip": "94.23.180.184",
          "provider": "OVH SAS",
          "region": "Hauts-de-France"
        },
        "ipv6": {
          "asn": "AS16276 OVH SAS",
          "city": "Gravelines",
          "countryCode": "FR",
          "countryName": "France",
          "ip": "2001:0db8:85a3:0000:0000:8a2e:0370:7334",
          "provider": "OVH SAS",
          "region": "Hauts-de-France"
        },
        "url": "http://serv.sexura.ru"
      },
      "dateAdd": "2020-10-16T01:06:09+00:00",
      "dateIncident": null,
      "evaluation": {
        "admiraltyCode": "A2",
        "credibility": 80,
        "reliability": 100,
        "severity": "red",
        "tlp": "amber",
        "ttl": 30
      },
      "id": "44bd99f372e2f78ec12513afcb7ee006d86392a2",
      "info": "Nothing",
      "isFavourite": false,
```

```
      "isHidden": false,
      "malware": {
        "id": "8790a290230b3b4c059c2516a6adace1eac16066",
        "name": "FlexNet"
      },
      "oldId": "352963098",
      "organization": {
        "bic": "SABRRUMMVH1",
        "bicRu": "SABRRUMMVH1",
        "bsb": "082489",
        "iban": "BIK044525225/30101810400000000225",
        "name": "SAVINGS BANK OF THE RUSSIAN FEDERATION (SBERBANK)",
        "swift": "SABRRUMMVH1"
      },
      "person": {
        "address": "224 Main St",
        "birthday": "01-01-1990",
        "city": "Wiggins",
        "countryCode": "US",
        "email": "jhon@fake.com",
        "name": "John",
        "passport": "123456789",
        "phone": "(555) 555-1234",
        "state": "Colorado",
        "taxNumber": "9999999999999",
        "zip": "80654"
      },
      "portalLink": "https://tap.group-ib.com/cd/mules?
searchValue=id:44bd99f372e2f78ec12513afcb7ee006d86392a2",
      "seqUpdate": 1616672696468,
      "sourceType": "Botnet",
      "threatActor": {
        "id": "6c26d5dc4cc743535e7ab5bb205947540878dab9",
        "isAPT": false,
        "name": "CockSkunk"
      },
      "type": "Botnet"
    }
  ]
}
```


ThreatQ provides the following default mapping for this feed:

FEED DATA PATH	THREATQ ENTITY	THREATQ OBJECT TYPE OR ATTRIBUTE KEY	PUBLISHED DATE	EXAMPLES	NOTES
.items[].account	Money Mule.Value	N/A	.items[].dateAdd	'9245316213'	The object name is formed by adding Money Mule to this field, ex.: Money Mule 9245316213
.items[].evaluation.admiraltyCode	Money Mule.Attribute	Admiralty Code	.items[].dateAdd	'A2'	
.items[].evaluation.credibility	Money Mule.Attribute	Credibility	.items[].dateAdd	'80'	
.items[].evaluation.reliability	Money Mule.Attribute	Reliability	.items[].dateAdd	'100'	
.items[].evaluation.severity	Money Mule.Attribute	Severity	.items[].dateAdd	'red'	

FEED DATA PATH	THREATQ ENTITY	THREATQ OBJECT TYPE OR ATTRIBUTE KEY	PUBLISHED DATE	EXAMPLES	NOTES
.items[].evaluation.tlp	Money Mule.TLP / Related Objects.TLP	N/A	N/A	'amber'	
.items[].evaluation.ttl	Money Mule.Attribute	Time To Live (seconds)	.items[].dateAdd	'30'	
.items[].info	Money Mule.Attribute	Info	.items[].dateAdd	'Nothing'	
.items[].portalLink	Money Mule.Attribute	Portal Link	.items[].dateAdd	'https://tap.group-ib.com/cd/mules?searchValue=id:44bd99f372e2f78ec12513afcb7ee006d86392a2'	
.items[].seqUpdate	Money Mule.Attribute	Sequence Update	.items[].dateAdd	'1616672696468'	
.items[].sourceType	Money Mule.Attribute	Source Type	.items[].dateAdd	'Botnet'	
.items[].type	Money Mule.Attribute	Type	.items[].dateAdd	'Botnet'	
.items[].cnc.cnc	Related Indicator.Value	FQDN	.items[].dateAdd	'http://serv.sexura.ru'	
.items[].cnc.domain	Related Indicator.Value	FQDN	.items[].dateAdd	'serv.sexura.ru'	
.items[].cnc.url	Related Indicator.Value	URL	.items[].dateAdd	'http://serv.sexura.ru'	If a URL Indicator attempting to be consumed is a true FQDN, the API normalize it to be an FQDN Indicator
.items[].cnc.ipv4.ip	Related Indicator.Value	IP Address	.items[].dateAdd	'94.23.180.184'	
.items[].cnc.ipv4.asn	Related Indicator.Attribute	ASN	.items[].dateAdd	'AS16276 OVH SAS'	
.items[].cnc.ipv4.city	Related Indicator.Attribute	City	.items[].dateAdd	'Gravelines'	
.items[].cnc.ipv4.countryCode	Related Indicator.Attribute	Country Code	.items[].dateAdd	'FR'	
.items[].cnc.ipv4.countryName	Related Indicator.Attribute	Country Name	.items[].dateAdd	'France'	
.items[].cnc.ipv4.provider	Related Indicator.Attribute	Provider	.items[].dateAdd	'OVH SAS'	
.items[].cnc.ipv4.region	Related Indicator.Attribute	Region	.items[].dateAdd	'Hauts-de-France'	
.items[].cnc.ipv6.ip	Related Indicator.Value	IPv6 Address	.items[].dateAdd	'2001:0db8:85a3:0000:0000:8a2e:0370:7334'	
.items[].cnc.ipv6.asn	Related Indicator.Attribute	ASN	.items[].dateAdd	'AS16276 OVH SAS'	
.items[].cnc.ipv6.city	Related Indicator.Attribute	City	.items[].dateAdd	'Gravelines'	
.items[].cnc.ipv6.countryCode	Related Indicator.Attribute	Country Code	.items[].dateAdd	'FR'	
.items[].cnc.ipv6.countryName	Related Indicator.Attribute	Country Name	.items[].dateAdd	'France'	

FEED DATA PATH	THREATQ ENTITY	THREATQ OBJECT TYPE OR ATTRIBUTE KEY	PUBLISHED DATE	EXAMPLES	NOTES
.items[].cnc.ipv6.provider	Related Indicator.Attribute	Provider	.items[].dateAdd	'OVH SAS'	
.items[].cnc.ipv6.region	Related Indicator.Attribute	Region	.items[].dateAdd	'Hauts-de-France'	
.items[].malware.name	Related Malware.Value	N/A	.items[].dateAdd	'FlexNet'	
.items[].organization.name	Related Organization	N/A	.items[].dateAdd	'SAVINGS BANK OF THE RUSSIAN FEDERATION (SBERBANK)'	This is a custom object
.items[].organization.bic	Related Organization.Attribute	BIC	.items[].dateAdd	'SABRRUMMVH1'	
.items[].organization.bicRu	Related Organization.Attribute	RU BIC	.items[].dateAdd	'SABRRUMMVH1'	
.items[].organization.bsb	Related Organization.Attribute	BSB	.items[].dateAdd	'082489'	
.items[].organization.iban	Related Organization.Attribute	IBAN	.items[].dateAdd	'BIK044525225/30101810400000000225'	
.items[].organization.swift	Related Organization.Attribute	SWIFT	.items[].dateAdd	'SABRRUMMVH1'	
.items[].person.taxNumber	Related Identity	N/A	.items[].dateAdd	'9999999999999'	
.items[].person.address	Related Identity.Attribute	Address	.items[].dateAdd	'224 Main St'	
.items[].person.birthday	Related Identity.Attribute	Birthday	.items[].dateAdd	'01-01-1990'	
.items[].person.city	Related Identity.Attribute	City	.items[].dateAdd	'Wiggins'	
.items[].person.countryCode	Related Identity.Attribute	Country Code	.items[].dateAdd	'US'	
.items[].person.email	Related Identity.Attribute	Email Address	.items[].dateAdd	'jhon@fake.com'	
.items[].person.name	Related Identity.Attribute	Name	.items[].dateAdd	'Jhon'	
.items[].person.passport	Related Identity.Attribute	Passport Data	.items[].dateAdd	'123456789'	
.items[].person.phone	Related Identity.Attribute	Phone Number	.items[].dateAdd	'(555) 555-1234'	
.items[].person.state	Related Identity.Attribute	State	.items[].dateAdd	'Colorado'	
.items[].person.zip	Related Identity.Attribute	ZIP Code	.items[].dateAdd	'80654'	
.items[].threatActor.name	Related Adversary.Name	N/A	.items[].dateAdd	'CockSkunk'	

GroupIB Compromised Data IMEI

The GroupIB Compromised Data IMEI feed ingests IMEI objects and any related Indicators, Malware, and Adversaries.

```
GET https://tap.group-ib.com/api/v2/compromised/imei
```

Sample Response:


```
{
  "resultId": "3aaee8a0e03f82ae38bfc96719b56d5ba95475d1",
  "count": 5408859,
  "items": [
    {
      "client": {
        "ipv4": {
          "asn": "AS15169 Google Inc.",
          "city": "Mountain View",
          "countryCode": "US",
          "countryName": "United States",
          "ip": "66.102.6.171",
          "provider": "Google Proxy",
          "region": "California"
        }
      },
      "cnc": {
        "cnc": "http://s1.paradu.ru",
        "domain": "s1.paradu.ru",
        "ipv4": {
          "asn": "AS48666 MAROSNET Telecommunication Company LLC",
          "city": "Moscow",
          "countryCode": "RU",
          "countryName": "Russian Federation",
          "ip": "31.148.99.117",
          "provider": "ALFA TELECOM s.r.o.",
          "region": "Central"
        },
        "ipv6": {
          "asn": "AS48666 MAROSNET Telecommunication Company LLC",
          "city": "Moscow",
          "countryCode": "RU",
          "countryName": "Russian Federation",
          "ip": "2001:0db8:85a3:0000:0000:8a2e:0370:7334",
          "provider": "ALFA TELECOM s.r.o.",
          "region": "Central"
        },
        "url": "http://s1.paradu.ru"
      },
      "dateCompromised": null,
      "dateDetected": "2021-04-10T01:37:36+00:00",
      "device": {
        "iccid": "8910042348144559 36F",
        "imei": "355266047901929",
        "imsi": "313460000000001",
        "model": "Nexus 5X/6.0.1 (Bot.v.5.0)",
        "os": "Android 6.0.1"
      },
```

```
      "evaluation": {
        "admiraltyCode": "A2",
        "credibility": 80,
        "reliability": 100,
        "severity": "red",
        "tlp": "red",
        "ttl": 30
      },
      "id": "9bc865c330efb652cf876ae73e8b6ba7b047acf4",
      "isFavourite": false,
      "isHidden": false,
      "malware": {
        "id": "8790a290230b3b4c059c2516a6adace1eac16066",
        "name": "FlexNet"
      },
      "oldId": "441010555",
      "operator": {
        "countryCode": "RU",
        "name": "MegaFon",
        "number": "+358407192130"
      },
      "portalLink": "https://tap.group-ib.com/cd/imei?searchValue=id:9bc865c330efb652cf876ae73e8b6ba7b047acf4",
      "seqUpdate": 1621774969216,
      "sourceType": "Botnet",
      "threatActor": {
        "id": "6c26d5dc4cc743535e7ab5bb205947540878dab9",
        "isAPT": false,
        "name": "CockSkunk"
      }
    }
  ]
}
```


ThreatQ provides the following default mapping for this feed:

FEED DATA PATH	THREATQ ENTITY	THREATQ OBJECT TYPE OR ATTRIBUTE KEY	PUBLISHED DATE	EXAMPLES	NOTES
.items[].device.imei	IMEI.Value	N/A	.items[].dateDetected	'355266047901929'	
.items[].device.iccid	IMEI.Attribute	Device ICCID	.items[].dateDetected	'8910042348144559 36F'	
.items[].device.imsi	IMEI.Attribute	Device IMSI	.items[].dateDetected	'313460000000001'	
.items[].device.model	IMEI.Attribute	Device Model	.items[].dateDetected	'Nexus 5X/6.0.1 (Bot.v.5.0)'	
.items[].device.os	IMEI.Attribute	Device OS	.items[].dateDetected	'Android 6.0.1'	
.items[].evaluation.admiraltyCode	IMEI.Attribute	Admiralty Code	.items[].dateDetected	'A2'	
.items[].evaluation.credibility	IMEI.Attribute	Credibility	.items[].dateDetected	'80'	
.items[].evaluation.reliability	IMEI.Attribute	Reliability	.items[].dateDetected	'100'	
.items[].evaluation.severity	IMEI.Attribute	Severity	.items[].dateDetected	'red'	
.items[].evaluation.tlp	IMEI.TLP / Related Objects.TLP	N/A	N/A	'red'	
.items[].evaluation.ttl	IMEI.Attribute	Time To Live (seconds)	.items[].dateDetected	'30'	

FEED DATA PATH	THREATQ ENTITY	THREATQ OBJECT TYPE OR ATTRIBUTE KEY	PUBLISHED DATE	EXAMPLES	NOTES
.items[].operator.countryCode	IMEI.Attribute	Operator Country Code	.items[].dateDetected	'RU'	
.items[].operator.name	IMEI.Attribute	Operator Name	.items[].dateDetected	'MegaFon'	
.items[].operator.number	IMEI.Attribute	Operator Phone Number	.items[].dateDetected	'+358407192130'	
.items[].portalLink	IMEI.Attribute	Source Link	.items[].dateDetected	'https://tap.group-ib.com/cd/imei?searchValue=id:9bc865c330efb652cf876ae73e8b6ba7b047acf4'	
.items[].sourceType	IMEI.Attribute	Source Type	.items[].dateDetected	'Botnet'	
.items[].client.ipv4.ip	Related Indicator.Value	IP Address	.items[].dateDetected	'66.102.6.171'	
.items[].client.ipv4.asn	Related Indicator.Attribute	ASN	.items[].dateDetected	'AS16276 OVH SAS'	
.items[].client.ipv4.city	Related Indicator.Attribute	City	.items[].dateDetected	'Mountain View'	
.items[].client.ipv4.countryCode	Related Indicator.Attribute	Country Code	.items[].dateDetected	'US'	
.items[].client.ipv4.countryName	Related Indicator.Attribute	Country Name	.items[].dateDetected	'United States'	
.items[].client.ipv4.provider	Related Indicator.Attribute	Provider	.items[].dateDetected	'Google Proxy'	
.items[].client.ipv4.region	Related Indicator.Attribute	Region	.items[].dateDetected	'California'	
.items[].cnc.cnc	Related Indicator.Value	FQDN	.items[].dateDetected	'http://s1.paradu.ru'	
.items[].cnc.domain	Related Indicator.Value	FQDN	.items[].dateDetected	's1.paradu.ru'	
.items[].cnc.url	Related Indicator.Value	URL	.items[].dateDetected	'http://s1.paradu.ru'	If a URL Indicator attempting to be consumed is a true FQDN, the API normalize it to be an FQDN Indicator
.items[].cnc.ipv4.ip	Related Indicator.Value	IP Address	.items[].dateDetected	'31.148.99.117'	
.items[].cnc.ipv4.asn	Related Indicator.Attribute	ASN	.items[].dateDetected	'AS48666 MAROSNET Telecommunication Company LLC'	
.items[].cnc.ipv4.city	Related Indicator.Attribute	City	.items[].dateDetected	'Moscow'	
.items[].cnc.ipv4.countryCode	Related Indicator.Attribute	Country Code	.items[].dateDetected	'RU'	
.items[].cnc.ipv4.countryName	Related Indicator.Attribute	Country Name	.items[].dateDetected	'Russian Federation'	

FEED DATA PATH	THREATQ ENTITY	THREATQ OBJECT TYPE OR ATTRIBUTE KEY	PUBLISHED DATE	EXAMPLES	NOTES
.items[].cnc.ipv4.provider	Related Indicator.Attribute	Provider	.items[].dateDetected	'ALFA TELECOM s.r.o.'	
.items[].cnc.ipv4.region	Related Indicator.Attribute	Region	.items[].dateDetected	'Central'	
.items[].cnc.ipv6.ip	Related Indicator.Value	IPv6 Address	.items[].dateDetected	'2001:0db8:85a3:0000:0000:8a2e:0370:7334'	
.items[].cnc.ipv6.asn	Related Indicator.Attribute	ASN	.items[].dateDetected	'AS48666 MAROSNET Telecommunication Company LLC'	
.items[].cnc.ipv6.city	Related Indicator.Attribute	City	.items[].dateDetected	'Moscow'	
.items[].cnc.ipv6.countryCode	Related Indicator.Attribute	Country Code	.items[].dateDetected	'RU'	
.items[].cnc.ipv6.countryName	Related Indicator.Attribute	Country Name	.items[].dateDetected	'Russian Federation'	
.items[].cnc.ipv6.provider	Related Indicator.Attribute	Provider	.items[].dateDetected	'ALFA TELECOM s.r.o.'	
.items[].cnc.ipv6.region	Related Indicator.Attribute	Region	.items[].dateDetected	'Central'	
.items[].malware.name	Related Malware.Value	N/A	.items[].dateDetected	'FlexNet'	
.items[].threatActor.name	Related Adversary.Name	N/A	.items[].dateDetected	'CockSkunk'	

GroupIB Compromised Data Shops

The GroupIB Compromised Data Shops feed ingests Indicators and related Malware.

```
GET https://tap.group-ib.com/api/v2/compromised/access
```

Truncated Sample Response:


```
{
  "resultId": "3aaee8a0e03f82ae38bfc96719b56d5ba95475d1",
  "count": 1,
  "items": [
      {
        "accessType": null,
        "cnc": {
            "cnc": "https://russianmarket.to/",
            "domain": "russianmarket.to",
            "ipv4": {
                "asn": "AS13335",
                "city": null,
                "countryCode": "US",
                "countryName": null,
                "ip": "172.67.168.114",
                "provider": "CLOUDFLARENET",
                "region": "North America"
            },
            "ipv6": null,
            "url": "https://russianmarket.to:443"
        },
        "dateCompromised": "2023-04-30T04:50:47+00:00",
        "dateDetected": "2023-04-30T04:50:47+00:00",
        "description": null,
        "displayOptions": {
            "isFavourite": false,
            "isHidden": false
        },
        "evaluation": {
            "admiraltyCode": "A2",
            "credibility": 80,
            "reliability": 100,
            "severity": "red",
            "tlp": "red",
            "ttl": 30
        },
        "id": "2aa8ed4aeb201eb61a6462471e884adc07e3907a",
        "malware": {
            "category": [],
            "class": null,
            "id": "2086397a5d1d08446656429fec5906de3bc5ebc8",
            "name": "Racoon",
            "platform": [],
            "threatLevel": null
        },
        "price": {
            "currency": "USD",
            "value": "10"
```

```
        },
        "rawData": "",
        "rawDataHighlighted": "",
        "seqUpdate": 1682964164818724749,
        "sourceInfo": {
            "externalId": "10604145(7)",
            "name": "russianmarket",
            "seller": "Mo####yf"
        },
        "target": {
            "device": {
                "os": "Windows 10 Pro"
            },
            "domain": "helpcenter.threatq.com",
            "geo": {
                "city": null,
                "country": "JO",
                "state": "Amman Governorate",
                "zip": null
            },
            "ipv4": null,
            "ipv6": null,
            "provider": "ZAIN",
            "url": null
        },
        "techSeqUpdate": null,
        "type": "Logs"
    }
  ]
}
```


ThreatQ provides the following default mapping for this feed:

FEED DATA PATH	THREATQ ENTITY	THREATQ OBJECT TYPE OR ATTRIBUTE KEY	PUBLISHED DATE	EXAMPLES	NOTES
.items[].target.domain	Indicator.Value	N/A	.items[].dateDetected	helpcenter.threatq.com'	N/A
.items[].target.device.os	Indicator.Attribute	Operating System	.items[].dateDetected	Windows 10 Pro	N/A
.items[].target.geo.city	Indicator.Attribute	City	.items[].dateDetected	N/A	N/A
.items[].target.geo.country	Indicator.Attribute	Country	.items[].dateDetected	JO'	N/A
.items[].target.geo.state	Indicator.Attribute	State	.items[].dateDetected	Amman Governorate	N/A
.items[].cnc.cnc	Related Indicator.Value	FQDN	.items[].dateDetected	https://russianmarket.to/	N/A
.items[].cnc.domain	Related Indicator.Value	FQDN	.items[].dateDetected	russianmarket.to	N/A
.items[].cnc.url	Related Indicator.Value	URL	.items[].dateDetected	https://russianmarket.to:443	N/A
.items[].cnc.ipv4.ip	Related Indicator.Value	IP Address	.items[].dateDetected	172.67.168.114	N/A
.items[].cnc.ipv4.asn	Related Indicator.Attribute	ASN	.items[].dateDetected	AS13335	N/A
.items[].cnc.ipv4.city	Related Indicator.Attribute	City	.items[].dateDetected	N/A	N/A

FEED DATA PATH	THREATQ ENTITY	THREATQ OBJECT TYPE OR ATTRIBUTE KEY	PUBLISHED DATE	EXAMPLES	NOTES
.items[].cnc.ipv4.countryCode	Related Indicator.Attribute	Country Code	.items[].dateDetected	US	N/A
.items[].cnc.ipv4.countryName	Related Indicator.Attribute	Country Name	.items[].dateDetected	N/A	N/A
.items[].cnc.ipv4.provider	Related Indicator.Attribute	Provider	.items[].dateDetected	CLOUDFLARENET	N/A
.items[].cnc.ipv4.region	Related Indicator.Attribute	Region	.items[].dateDetected	North America	N/A
.items[].cnc.ipv6.ip	Related Indicator.Value	IP Address	.items[].dateDetected	N/A	N/A
.items[].cnc.ipv6.asn	Related Indicator.Attribute	ASN	.items[].dateDetected	N/A	N/A
.items[].cnc.ipv6.city	Related Indicator.Attribute	City	.items[].dateDetected	N/A	N/A
.items[].cnc.ipv6.countryCode	Related Indicator.Attribute	Country Code	.items[].dateDetected	N/A	N/A
.items[].cnc.ipv6.countryName	Related Indicator.Attribute	Country Name	.items[].dateDetected	N/A	N/A
.items[].cnc.ipv6.provider	Related Indicator.Attribute	Provider	.items[].dateDetected	N/A	N/A
.items[].cnc.ipv6.region	Related Indicator.Attribute	Region	.items[].dateDetected	N/A	N/A
.items[].evaluation.tlp	Related Indicators.TLP	N/A	N/A	red	N/A
.items[].malware.name	Related Malware.Value	N/A	.items[].dateDetected	Racoon	N/A

GroupIB Human Intelligence Threat and GroupIB APT Threat

These feeds ingests Intrusion objects and any related Indicators, Malware, Adversaries, Attack Patterns, Identities, and Tools.

GroupIB Human Intelligence Threat

`GET https://tap.group-ib.com/api/v2/hi/threat`

GroupIB APT Threat

`GET https://tap.group-ib.com/api/v2/apt/threat`

Sample Response:


```
{
  "resultId": "194cf0b88b4244569e4d824b7607606b5abc0462",
  "count": 876,
  "items": [
    {
      "contacts": [
        {
          "account": "alexjoe9983",
          "flag": "fake",
          "service": "twitter",
          "type": "social_network"
        }
      ],
      "countries": [
        "LB",
        "TR"
      ],
      "createdAt": "2021-04-13T16:49:27+03:00",
      "cveList": [
        {
          "name": "CVE-2021-27065"
        }
      ],
      "dateFirstSeen": "2019-05-01",
      "dateLastSeen": "2021-04-09",
      "datePublished": "2021-04-09",
      "description": "During the Operation",
      "displayOptions": {
        "isFavourite": false,
        "isHidden": false
      },
      "evaluation": {
        "admiraltyCode": "B2",
        "credibility": 80,
        "reliability": 80,
        "severity": "red",
        "tlp": "amber",
        "ttl": 30
```

```
  },
  "expertise": [
    "0day",
    "CVE"
  ],
  "files": [
    {
      "hash": "f1724b95fdac1541bb416bff08b209b8750e23928b58
               68ec1ce34dad2a740dc0",
      "mime": "image/png",
      "name": "f1724b95fdac1541bb416bff08b209b8750e23928b58
               68ec1ce34dad2a740dc0",
      "size": 75438
    }
  ],
  "forumsAccounts": [
    {
      "messageCount": 1,
      "nickname": "nobody.gu3st",
      "registeredAt": "2012-07-13",
      "url": "http://www.iranhack.com/forum/member/186-nobody-gu3st"
    }
  ],
  "id": "3bcfabae7dc7a909ca692e702a9b6ca6627528b4",
  "indicatorMalwareRelationships": [
    {
      "indicatorId": "3c157cefdeae6a8403fbfe24790467215493b939",
      "malwareId": "132130dd0aa2f2ab8cb1e358974443276b28195d"
    }
  ],
  "indicatorRelationships": [
    {
      "sourceId": "a6c970a7f082513303a0466ca459329829e00143",
      "targetId": "2d6c6dbf99261a1c84eefec1bb395e4876346a4c"
    }
  ],
  "indicatorToolRelationships": [],
  "indicators": [
    {
      "description": null,
      "id": "3b67fc483bc2c22e0f21d68eabf6385f364a1eea",
      "langs": [
        "ru"
      ],
      "malwareList": [],
      "params": {
        "hashes": {
          "md4": "",
          "md5": "113044788a356aab6c693a3e80189141",
          "md6": "",
          "ripemd160": "",
          "sha1": "ba835af7b8aa51797f95223676640be9c81dad9f",
          "sha224": "2f05477fc24bb4faefd86517156dafdecec45b8ad3cf2522
                     a563582b",
          "sha256": "0aef64991f9121a244c3f3bf7f5448bb8fb2c858bcf0ff26
                     b3b663937af9ef40",
          "sha384": "fdbd8e75a67f29f701a4e040385e2e239863
                     03ea10239211af907fcbb83578b3e41
                     7cb71ce646efd0819dd8c088de1bd",
          "sha512": "2c74fd17edafd80e8447b0d46741ee243b7eb
                     74dd2149a0ab1b9246fb30382f27e853d858571
```

```
                  9e0e67cbda0daa8f51671064615d645ae27acb1
                  5bfb1447f459b",
        "whirlpool": ""
      },
      "name": "0aef64991f9121a244c3f3bf7f5448bb8fb2c858bcf0f
               f26b3b663937af9ef40",
      "size": null
    },
    "url": "http://strigigena.ru/cookie.php",
    "seqUpdate": 16183252904267,
    "techSeqUpdate": null,
    "title": null,
    "type": "file"
  },
  {
    "description": null,
    "id": "221f0e6b18af2cbf069131f2b7cf7e4552ae9d17",
    "langs": [
      "ru"
    ],
    "malwareList": [
      {
        "id": "132130dd0aa2f2ab8cb1e358974443276b28195d",
        "name": "SysUpdate"
      }
    ],
    "params": {
      "domain": "ns162.nsakadns.com",
      "ipv4": [
        "85.204.74.143"
      ],
      "ipv6": [
        "2001:0db8:85a3:0000:0000:8a2e:0370:7334"
      ],
      "ssl": [
        {
          "hashes": {
            "md5": "5765fafd258a5a1e87c0582a67862675",
            "sha1": "AB0B22AB421C001462AF4A9F382DC9284747B43D",
            "sha224": "2f05477fc24bb4faefd86517156dafdecec45b8ad3cf2522a563582b",
            "sha256": "ca978112ca1bbdcafac231b39a23dc4da786eff8147c4e72b9807785afee48bb",
            "sha384": "fdbd8e75a67f29f701a4e040385e2e23986303ea1023
                       9211af907fcbb83578b3e417cb71ce646efd
                       0819dd8c088de1bd",
            "sha512": "2c74fd17edafd80e8447b0d46741ee243b7eb
                       74dd2149a0ab1b9246fb30382f27e8
                       53d8585719e0e67cbda0daa8f51671064615d64
                       5ae27acb15bfb1447f459b"
          }
        }
      ],
      "url": ["http://strigigena.ru/cookie.php"],
      "address": "this2test.com",
      "message": {
        "body": "Body example",
        "subject": "Subject example"
      },
      "senderIp": "85.204.74.144",
      "serverIp": "85.204.74.145"
    },
    "seqUpdate": 16183273671915,
```

```
      "techSeqUpdate": null,
      "title": null,
      "type": "network"
    }
  ],
  "indicatorsIds": [
    "3b67fc483bc2c22e0f21d68eabf6385f364a1eea",
    "340ac49012b02435315f1dfca9628319b4c9dae9"
  ],
  "isTailored": false,
  "labels": [
    "campaign",
    "indicator"
  ],
  "langs": [
    "ru",
    "en"
  ],
  "malwareList": [
    {
      "id": "132130dd0aa2f2ab8cb1e358974443276b28195d",
      "name": "SysUpdate"
    }
  ],
  "mitreMatrix": [
    {
      "attackPatternId": "attack-pattern--fddd81e9-dd3d-477e-9773-4fb8ae227234",
      "attackTactic": "build-capabilities",
      "attackType": "pre_attack_tactics",
      "id": "PRE-T1122",
      "params": {
        "data": "Just a string"
      }
    }
  ],
  "oldId": "0c3429ce-c449-485d-aa02-effc62719818",
  "regions": [
    "middle_east",
    "europe",
    "asia",
    "asia"
  ],
  "relatedThreatActors": [
    {
      "id": "",
      "isAPT": "",
      "name": "actor",
      "type": "bad"
    }
  ],
  "reportNumber": "CP-2504-1649",
  "sectors": [
    "gambling",
    "government-national",
    "telecommunications",
    "energy",
    "finance"
  ],
  "seqUpdate": 16184833571103,
  "shortDescription": "This is an attack",
  "shortTitle": "Attack",
```

```
    "sources": [
      "https://www.trendmicro.com/en_us/research/21/d/iron.html"
    ],
    "targetedCompany": [
      "TargetCompany"
    ],
    "targetedPartnersAndClients": [
      "TargetPandC"
    ],
    "techSeqUpdate": null,
    "threatActor": {
      "country": "CN",
      "id": "55011fb96789bcb43c8e19e4e886924f803b6d30",
      "isAPT": true,
      "name": "IronTiger"
    },
    "title": "Discovered new toolkit",
    "toolList": [
      {
        "id": "123456789",
        "name": "Tools"
      }
    ],
    "type": "threat",
    "updatedAt": "2021-04-15T13:42:37+03:00"
  }
 ]
}
```


ThreatQ provides the following default mapping for these feeds:

FEED DATA PATH	THREATQ ENTITY	THREATQ OBJECT TYPE OR ATTRIBUTE KEY	PUBLISHED DATE	EXAMPLES	NOTES
.items[].title	Intrusion Set.Value	N/A	.items[].createdAt	'Discovered new toolkit'	
.items[].dateFirstSeen	Intrusion Set.Started_at	N/A	N/A	'2019-05-01'	
.items[].dateLastSeen	Intrusion Set.Ended_at	N/A	N/A	'2021-04-09'	
.items[].description	Intrusion Set.Description	N/A	N/A	'During the Operation'	
.items[].countries[]	Intrusion Set.Attribute	Country	.items[].createdAt	'LB'	
.items[].evaluation.admiraltyCode	Intrusion Set.Attribute	Admiralty Code	.items[].createdAt	'B2'	
.items[].evaluation.credibility	Intrusion Set.Attribute	Credibility	.items[].createdAt	'80'	
.items[].evaluation.reliability	Intrusion Set.Attribute	Reliability	.items[].createdAt	'80'	
.items[].evaluation.severity	Intrusion Set.Attribute	Severity	.items[].createdAt	'red'	
.items[].evaluation.tlp	Intrusion Set.TLP / Related Objects.TLP	N/A	N/A	'amber'	
.items[].evaluation.ttl	Intrusion Set.Attribute	Time To Live (seconds)	.items[].createdAt	'30'	
.items[].expertise[]	Intrusion Set.Attribute	Expertise	.items[].createdAt	'0day'	

FEED DATA PATH	THREATQ ENTITY	THREATQ OBJECT TYPE OR ATTRIBUTE KEY	PUBLISHED DATE	EXAMPLES	NOTES
.items[].labels[]	Intrusion Set.Attribute	STIX labels	.items[].createdAt	'campaign'	
.items[].langs[]	Intrusion Set.Attribute	Language	.items[].createdAt	'ru'	
.items[].regions[]	Intrusion Set.Attribute	Regions	.items[].createdAt	'middle_east'	
.items[].reportNumber	Intrusion Set.Attribute	Report Number	.items[].createdAt	'CP-2504-1649'	
.items[].sectors[]	Intrusion Set.Attribute	Sector	.items[].createdAt	'gambling'	
.items[].shortDescription	Intrusion Set.Attribute	Short Description	.items[].createdAt	'This is an attack'	
.items[].shortTitle	Intrusion Set.Attribute	Short Title	.items[].createdAt	'Attack'	
.items[].sources[]	Intrusion Set.Attribute	Source	.items[].createdAt	'https://www.trendmicro.com/en_us/research/21/d/iron.html'	
.items[].targetedCompany[]	Intrusion Set.Attribute	Target Company	.items[].createdAt	'TargetCompany'	
.items[].targetedPartnersAndClients[]	Intrusion Set.Attribute	Target Partner and Client	.items[].createdAt	'TargetPandC'	
.items[].type	Intrusion Set.Attribute	Type	.items[].createdAt	'threat'	
.items[].cveList[].name	Related Indicator.Value and/or Related Vulnerability.Value	CVE	.items[].createdAt	'CVE-2021-27065'	
.items[].contacts[].account	Related Identity.Value	N/A	.items[].createdAt	'alexjoe9983'	
.items[].contacts[].flag	Related Identity.Attribute	Contact Flag	.items[].createdAt	'fake'	
.items[].contacts[].service	Related Identity.Attribute	Contact Service	.items[].createdAt	'twitter'	
.items[].contacts[].type	Related Identity.Attribute	Contact Type	.items[].createdAt	'social_network'	
.items[].files[].hash	Related Indicator.Value	SHA-256	.items[].createdAt	'f1724b95fdac1541bb416bff08b209b8750e23928b5868ec1ce34dad2a740dc0'	
.items[].files[].mime	Related Indicator.Attribute	File Mime Type	.items[].createdAt	'image/png'	
.items[].files[].name	Related Indicator.Attribute	File Name	.items[].createdAt	'f1724b95fdac1541bb416bff08b209b8750e23928b5868ec1ce34dad2a740dc0'	
.items[].files[].size	Related Indicator.Attribute	File Size	.items[].createdAt	'75438'	
.items[].forumsAccounts[].url	Related Indicator.Value	URL	.items[].createdAt	'http://www.iranhack.com/forum/member/186-nobody-gu3st'	If a URL Indicator attempting to be consumed is a true FQDN, the API normalize it to be an FQDN Indicator
.items[].forumsAccounts[].nickname	Related Indicator.Attribute	Forum Account Nickname	.items[].createdAt	'nobody.gu3st'	
.items[].indicators[].malwareList[].name	Related Malware.Value	N/A	.items[].createdAt	"SysUpdate"	
.items[].indicators[].params.domain	Related Indicator.Value	FQDN	.items[].createdAt	'ns162.nsakadns.com'	

FEED DATA PATH	THREATQ ENTITY	THREATQ OBJECT TYPE OR ATTRIBUTE KEY	PUBLISHED DATE	EXAMPLES	NOTES
.items[].indicators[].params.ipv4[]	Related Indicator.Value	IP Address	.items[].createdAt	'85.204.74.143'	
.items[].indicators[].params.ipv6[]	Related Indicator.Value	IPv6 Address	.items[].createdAt	'2001:0db8:85a3:0000:0000:8a2e:0370:7334'	
.items[].indicators[].params.ssl[].hashes.md5	Related Indicator.Value	MD5	.items[].createdAt	'5765fafd258a5a1e87c0582a67862675'	
.items[].indicators[].params.ssl[].hashes.sha1	Related Indicator.Value	SHA-1	.items[].createdAt	'AB0B22AB421C001462AF4A9F382DC9284747B43D'	
.items[].indicators[].params.ssl[].hashes.sha256	Related Indicator.Value	SHA-256	.items[].createdAt	'ca978112ca1bbdcafac231b39a23dc4da786eff8147c4e72b9807785afee48bb'	
.items[].indicators[].params.ssl[].hashes.sha384	Related Indicator.Value	SHA-384	.items[].createdAt	'fdbd8e75a67f29f701a4e040385e2e23986303ea10239211af907fcbb83578b3e417cb71ce646efd0819dd8c088de1bd'	
.items[].indicators[].params.ssl[].hashes.sha512	Related Indicator.Value	SHA-512	.items[].createdAt	'2c74fd17edafd80e8447b0d46741ee243b7eb74dd2149a0ab1b9246fb30382f27e853d8585719e0e67cbda0daa8f51671064615d645ae27acb15bfb1447f459b'	
.items[].indicators[].params.url	Related Indicator.Value	URL	.items[].createdAt	'http://strigigena.ru/cookie.php'	If a URL Indicator attempting to be consumed is a true FQDN, the API normalize it to be an FQDN Indicator
.items[].indicators[].params.address	Related Indicator.Value	Email Address	.items[].createdAt	'this2test.com'	
.items[].indicators[].params.message.body	Related Indicator.Attribute	Email Body	.items[].createdAt	'Body example'	
.items[].indicators[].params.message.subject	Related Indicator.Attribute	Email Subject	.items[].createdAt	'Subject example'	
.items[].indicators[].params.senderIp	Related Indicator.Value	IP Address	.items[].createdAt	'85.204.74.144'	
.items[].indicators[].params.serverIp	Related Indicator.Value	IP Address	.items[].createdAt	'85.204.74.145'	
.items[].indicators[].params.hashes.md5	Related Indicator.Value	MD5	.items[].createdAt	'113044788a356aab6c693a3e80189141'	
.items[].indicators[].params.hashes.sha1	Related Indicator.Value	SHA-1	.items[].createdAt	'ba835af7b8aa51797f95223676640be9c81dad9f'	
.items[].indicators[].params.hashes.sha256	Related Indicator.Value	SHA-256	.items[].createdAt	'0aef64991f9121a244c3f3bf7f5448bb8fb2c858bcf0ff26b3b663937af9ef40'	
.items[].indicators[].params.hashes.sha384	Related Indicator.Value	SHA-384	.items[].createdAt	'fdbd8e75a67f29f701a4e040385e2e23986303ea10239211af907fcbb83578b3e417	

FEED DATA PATH	THREATQ ENTITY	THREATQ OBJECT TYPE OR ATTRIBUTE KEY	PUBLISHED DATE	EXAMPLES	NOTES
				cb71ce646efd0819dd8c088 de1bd'	
.items[].indicators[]. params.hashes.sha512	Related Indicator.Value	SHA-512	.items[].createdAt	'2c74fd17edafd80e8447b0d 46741ee243b7eb74dd2149a 0ab1b9246fb30382f27e853 d8585719e0e67cbda0daa8f 51671064615d645ae27acb 15bfb1447f459b'	
.items[].malwareList[]. name	Related Malware.Value	N/A	.items[].createdAt	'SysUpdate'	
.items[].mitreMatrix[]. id	Related Attack	Attack Pattern	.items[].createdAt	'attack-pattern--fddd81e9- dd3d-477e-9773-4fb8ae227234'	
.items[].mitreMatrix[]. attackTactic	Related Attack.Attribute	Attack Tactic	.items[].createdAt	'build-capabilities'	
.items[].mitreMatrix[]. attackType	Related Attack.Attribute	Attack Type	.items[].createdAt	'pre_attack_tactics'	
.items[].mitreMatrix[]. params.data	Related Attack.Attribute	Attack Data	.items[].createdAt	'Just a string'	
.items[].relatedThreat Actors[].name	Related Adversary.Name	N/A	.items[].createdAt	'actor'	
.items[].relatedThreat Actors[].type	Related Adversary.Attribute	Type	.items[].createdAt	'bad'	
.items[].threatActor. name	Related Adversary.Name	N/A	.items[].createdAt	'IronTiger'	
.items[].threatActor. country	Related Adversary.Attribute	Country	.items[].createdAt	'CN'	
.items[].toolList[].name	Related Tool	N/A	.items[].createdAt	'Tools'	

GroupIB Human Intelligence Threat Actor and GroupIB APT Threat Actor

These feeds ingests Adversary objects and any related Indicators and Reports.

GroupIB Human Intelligence Threat Actor

```
GET https://tap.group-ib.com/api/v2/hi/threat_actor
```

GroupIB APT Threat Actor

```
GET https://tap.group-ib.com/api/v2/apt/threat_actor
```

Sample Response:


```
{
  "resultId": "194cf0b88b4244569e4d824b7607606b5abc0462",
  "count": 876,
  "items": [
    {
      "contacts": [
        {
          "account": "alexjoe9983",
          "flag": "fake",
          "service": "twitter",
          "type": "social_network"
        }
      ],
      "countries": [
        "LB",
        "TR"
      ],
      "createdAt": "2021-04-13T16:49:27+03:00",
      "cveList": [
        {
          "name": "CVE-2021-27065"
        }
      ],
      "dateFirstSeen": "2019-05-01",
      "dateLastSeen": "2021-04-09",
      "datePublished": "2021-04-09",
      "description": "During the Operation",
      "displayOptions": {
        "isFavourite": false,
        "isHidden": false
      },
      "evaluation": {
        "admiraltyCode": "B2",
        "credibility": 80,
        "reliability": 80,
        "severity": "red",
        "tlp": "amber",
        "ttl": 30
      },
      "expertise": [
```

```
      "0day",
      "CVE"
    ],
    "files": [
      {
        "hash": "f1724b95fdac1541bb416bff08b209b8750e23928b5868ec1ce34dad2a740dc0",
        "mime": "image/png",
        "name": "f1724b95fdac1541bb416bff08b209b8750e23928b5868ec1ce34dad2a740dc0",
        "size": 75438
      }
    ],
    "forumsAccounts": [
      {
        "messageCount": 1,
        "nickname": "nobody.gu3st",
        "registeredAt": "2012-07-13",
        "url": "http://www.iranhack.com/forum/member/186-nobody-gu3st"
      }
    ],
    "id": "3bcfabae7dc7a909ca692e702a9b6ca6627528b4",
    "indicatorMalwareRelationships": [
      {
        "indicatorId": "3c157cefdeae6a8403fbfe24790467215493b939",
        "malwareId": "132130dd0aa2f2ab8cb1e358974443276b28195d"
      }
    ],
    "indicatorRelationships": [
      {
        "sourceId": "a6c970a7f082513303a0466ca459329829e00143",
        "targetId": "2d6c6dbf99261a1c84eefec1bb395e4876346a4c"
      }
    ],
    "indicatorToolRelationships": [],
    "indicators": [
      {
        "description": null,
        "id": "3b67fc483bc2c22e0f21d68eabf6385f364a1eea",
        "langs": [
          "ru"
        ],
        "malwareList": [],
        "params": {
          "hashes": {
            "md4": "",
            "md5": "113044788a356aab6c693a3e80189141",
            "md6": "",
            "ripemd160": "",
            "sha1": "ba835af7b8aa51797f95223676640be9c81dad9f",
            "sha224": "2f05477fc24bb4faefd86517156dafdecec45b8ad3cf2522a563582b",
            "sha256": "0aef64991f9121a244c3f3bf7f5448bb8fb2c858bcf0ff26b3b663937af9ef40",
            "sha384": "fdbd8e75a67f29f701a4e040385e2e23986303ea10239
                       211af907fcbb83578b3e417cb71ce646efd0819dd
                       8c088de1bd",
            "sha512": "2c74fd17edafd80e8447b0d46741ee243b7eb74dd214
                       9a0ab1b9246fb30382f27e853d8585719e0e67
                       cbda0daa8f51671064615d645ae27acb15bfb1447f459b",
            "whirlpool": ""
          },
          "name": "0aef64991f9121a244c3f3bf7f5448bb8fb2c858bcf0ff26b3b663937af9ef40",
          "size": null
        },
```

```
        "url": "http://strigigena.ru/cookie.php",
        "seqUpdate": 16183252904267,
        "techSeqUpdate": null,
        "title": null,
        "type": "file"
      },
      {
        "description": null,
        "id": "221f0e6b18af2cbf069131f2b7cf7e4552ae9d17",
        "langs": [
          "ru"
        ],
        "malwareList": [
          {
            "id": "132130dd0aa2f2ab8cb1e358974443276b28195d",
            "name": "SysUpdate"
          }
        ],
        "params": {
          "domain": "ns162.nsakadns.com",
          "ipv4": [
            "85.204.74.143"
          ],
          "ipv6": [
            "2001:0db8:85a3:0000:0000:8a2e:0370:7334"
          ],
          "ssl": [
            {
              "hashes": {
                "md5": "5765fafd258a5a1e87c0582a67862675",
                "sha1": "AB0B22AB421C001462AF4A9F382DC9284747B43D",
                "sha224": "2f05477fc24bb4faefd86517156dafdecec45b8ad3cf2522a563582b",
                "sha256":
"ca978112ca1bbdcafac231b39a23dc4da786eff8147c4e72b9807785afee48bb",
                "sha384": "fdbd8e75a67f29f701a4e040385e2e23986303e
                           a10239211af907fcbb83578b3e417cb71ce646efd081
                           9dd8c088de1bd",
                "sha512": "2c74fd17edafd80e8447b0d46741ee243b7eb74dd
                           2149a0ab1b9246fb30382f27e853d8585719e0e67cb
                           da0daa8f51671064615d645ae27acb15bfb1447f459b"
              }
            }
          ],
          "url": ["http://strigigena.ru/cookie.php"],
          "address": "this2test.com",
          "message": {
            "body": "Body example",
            "subject": "Subject example"
          },
          "senderIp": "85.204.74.144",
          "serverIp": "85.204.74.145"
        },
        "seqUpdate": 16183273671915,
        "techSeqUpdate": null,
        "title": null,
        "type": "network"
      }
    ],
    "indicatorsIds": [
      "3b67fc483bc2c22e0f21d68eabf6385f364a1eea",
      "340ac49012b02435315f1dfca9628319b4c9dae9"
```

```
  ],
  "isTailored": false,
  "labels": [
    "campaign",
    "indicator"
  ],
  "langs": [
    "ru",
    "en"
  ],
  "malwareList": [
    {
      "id": "132130dd0aa2f2ab8cb1e358974443276b28195d",
      "name": "SysUpdate"
    }
  ],
  "mitreMatrix": [
    {
      "attackPatternId": "attack-pattern--fddd81e9-
       dd3d-477e-9773-4fb8ae227234",
      "attackTactic": "build-capabilities",
      "attackType": "pre_attack_tactics",
      "id": "PRE-T1122",
      "params": {
        "data": "Just a string"
      }
    }
  ],
  "oldId": "0c3429ce-c449-485d-aa02-effc62719818",
  "regions": [
    "middle_east",
    "europe",
    "asia",
    "asia"
  ],
  "relatedThreatActors": [
    {
      "id": "",
      "isAPT": "",
      "name": "actor",
      "type": "bad"
    }
  ],
  "reportNumber": "CP-2504-1649",
  "sectors": [
    "gambling",
    "government-national",
    "telecommunications",
    "energy",
    "finance"
  ],
  "seqUpdate": 16184833571103,
  "shortDescription": "This is an attack",
  "shortTitle": "Attack",
  "sources": [
    "https://www.trendmicro.com/en_us/research/21/d/iron.html"
  ],
  "targetedCompany": [
    "TargetCompany"
  ],
  "targetedPartnersAndClients": [
```

```
        "TargetPandC"
      ],
      "techSeqUpdate": null,
      "threatActor": {
        "country": "CN",
        "id": "55011fb96789bcb43c8e19e4e886924f803b6d30",
        "isAPT": true,
        "name": "IronTiger"
      },
      "title": "Discovered new toolkit",
      "toolList": [
        {
          "id": "123456789",
          "name": "Tools"
        }
      ],
      "type": "threat",
      "updatedAt": "2021-04-15T13:42:37+03:00"
    }
  ]
}
```


ThreatQ provides the following default mapping for these feeds:

FEED DATA PATH	THREATQ ENTITY	THREATQ OBJECT TYPE OR ATTRIBUTE KEY	PUBLISHED DATE	EXAMPLES	NOTES
.items[].title	Intrusion Set.Value	N/A	.items[].createdAt	'Discovered new toolkit'	N/A
.items[].dateFirstSeen	Intrusion Set.Started_at	N/A	N/A	'2019-05-01'	N/A
.items[].dateLastSeen	Intrusion Set.Ended_at	N/A	N/A	'2021-04-09'	N/A
.items[].description	Intrusion Set.Description	N/A	N/A	'During the Operation'	N/A
.items[].countries[]	Intrusion Set.Attribute	Country	.items[].createdAt	'LB'	N/A
.items[].evaluation.admiraltyCode	Intrusion Set.Attribute	Admiralty Code	.items[].createdAt	'B2'	N/A
.items[].evaluation.credibility	Intrusion Set.Attribute	Credibility	.items[].createdAt	'80'	N/A
.items[].evaluation.reliability	Intrusion Set.Attribute	Reliability	.items[].createdAt	'80'	N/A
.items[].evaluation.severity	Intrusion Set.Attribute	Severity	.items[].createdAt	'red'	N/A
.items[].evaluation.tlp	Intrusion Set.TLP / Related Objects.TLP	N/A	N/A	'amber'	N/A
.items[].evaluation.ttl	Intrusion Set.Attribute	Time To Live (seconds)	.items[].createdAt	'30'	N/A
.items[].expertise[]	Intrusion Set.Attribute	Expertise	.items[].createdAt	'0day'	N/A

FEED DATA PATH	THREATQ ENTITY	THREATQ OBJECT TYPE OR ATTRIBUTE KEY	PUBLISHED DATE	EXAMPLES	NOTES
.items[].labels[]	Intrusion Set.Attribute	STIX labels	.items[].createdAt	'campaign'	N/A
.items[].langs[]	Intrusion Set.Attribute	Language	.items[].createdAt	'ru'	N/A
.items[].regions[]	Intrusion Set.Attribute	Regions	.items[].createdAt	'middle_east'	N/A
.items[].reportNumber	Intrusion Set.Attribute	Report Number	.items[].createdAt	'CP-2504-1649'	N/A
.items[].sectors[]	Intrusion Set.Attribute	Sector	.items[].createdAt	'gambling'	N/A
.items[].shortDescription	Intrusion Set.Attribute	Short Description	.items[].createdAt	'This is an attack'	N/A
.items[].shortTitle	Intrusion Set.Attribute	Short Title	.items[].createdAt	'Attack'	N/A
.items[].sources[]	Intrusion Set.Attribute	Source	.items[].createdAt	'https://www.trendmicro.com/en_us/research/21/d/iron.html'	N/A
.items[].targetedCompany[]	Intrusion Set.Attribute	Target Company	.items[].createdAt	'TargetCompany'	N/A
.items[].targetedPartnersAndClients[]	Intrusion Set.Attribute	Target Partner and Client	.items[].createdAt	'TargetPandC'	N/A
.items[].type	Intrusion Set.Attribute	Type	.items[].createdAt	'threat'	N/A
.items[].cveList[].name	Related Indicator.Value and/or Related Vulnerability.Value	CVE	.items[].createdAt	'CVE-2021-27065'	N/A
.items[].contacts[].account	Related Identity.Value	N/A	.items[].createdAt	'alexjoe9983'	N/A
.items[].contacts[].flag	Related Identity.Attribute	Contact Flag	.items[].createdAt	'fake'	N/A
.items[].contacts[].service	Related Identity.Attribute	Contact Service	.items[].createdAt	'twitter'	N/A
.items[].contacts[].type	Related Identity.Attribute	Contact Type	.items[].createdAt	'social_network'	N/A
.items[].files[].hash	Related Indicator.Value	SHA-256	.items[].createdAt	'f1724b95fdac1541bb416bff08b209b8750e23928b5868ec1ce34dad2a740dc0'	N/A
.items[].files[].mime	Related Indicator.Attribute	File Mime Type	.items[].createdAt	'image/png'	N/A
.items[].files[].name	Related Indicator.Attribute	File Name	.items[].createdAt	'f1724b95fdac1541bb416bff08b209b8750e23928b5868ec1ce34dad2a740dc0'	N/A

FEED DATA PATH	THREATQ ENTITY	THREATQ OBJECT TYPE OR ATTRIBUTE KEY	PUBLISHED DATE	EXAMPLES	NOTES
.items[].files[].size	Related Indicator.Attribute	File Size	.items[].createdAt	'75438'	N/A
.items[].forumsAccounts[].url	Related Indicator.Value	URL	.items[].createdAt	'http://www.iranhack.com/forum/member/186-nobody-gu3st'	If a URL Indicator attempting to be consumed is a true FQDN, the API normalize it to be an FQDN Indicator
.items[].forumsAccounts[].nickname	Related Indicator.Attribute	Forum Account Nickname	.items[].createdAt	'nobody.gu3st'	N/A
.items[].indicators[].malwareList[].name	Related Malware.Value	N/A	.items[].createdAt	"SysUpdate"	N/A
.items[].indicators[].params.domain	Related Indicator.Value	FQDN	.items[].createdAt	'ns162.nsakadns.com'	N/A
.items[].indicators[].params.ipv4[]	Related Indicator.Value	IP Address	.items[].createdAt	'85.204.74.143'	N/A
.items[].indicators[].params.ipv6[]	Related Indicator.Value	IPv6 Address	.items[].createdAt	'2001:0db8:85a3:0000:0000:8a2e:0370:7334'	N/A
.items[].indicators[].params.ssl[].hashes.md5	Related Indicator.Value	MD5	.items[].createdAt	'5765fafd258a5a1e87c0582a67862675'	N/A
.items[].indicators[].params.ssl[].hashes.sha1	Related Indicator.Value	SHA-1	.items[].createdAt	'AB0B22AB421C001462AF4A9F382DC9284747B43D'	N/A
.items[].indicators[].params.ssl[].hashes.sha256	Related Indicator.Value	SHA-256	.items[].createdAt	'ca978112ca1bbdcafac231b39a23dc4da786eff8147c4e72b9807785afee48bb'	N/A
.items[].indicators[].params.ssl[].hashes.sha384	Related Indicator.Value	SHA-384	.items[].createdAt	'fdbd8e75a67f29f701a4e040385e2e23986303ea10239211af907fcbb83578b3e417cb71ce646efd0819dd8c088de1bd'	N/A
.items[].indicators[].params.ssl[].hashes.sha512	Related Indicator.Value	SHA-512	.items[].createdAt	'2c74fd17edafd80e8447b0d46741ee243b7eb74dd2149a0ab1b9246fb30382f27e853d8585719e0e67cbda0daa8f51671064615d645ae27acb15bfb1447f459b'	N/A
.items[].indicators[].params.url	Related Indicator.Value	URL	.items[].createdAt	'http://strigigena.ru/cookie.php'	If a URL Indicator attempting to be consumed is a true FQDN, the API normalize it to be an

FEED DATA PATH	THREATQ ENTITY	THREATQ OBJECT TYPE OR ATTRIBUTE KEY	PUBLISHED DATE	EXAMPLES	NOTES
					FQDN Indicator
.items[].indicators[].params.address	Related Indicator.Value	Email Address	.items[].createdAt	'this2test.com'	N/A
.items[].indicators[].params.message.body	Related Indicator.Attribute	Email Body	.items[].createdAt	'Body example'	N/A
.items[].indicators[].params.message.subject	Related Indicator.Attribute	Email Subject	.items[].createdAt	'Subject example'	N/A
.items[].indicators[].params.senderIp	Related Indicator.Value	IP Address	.items[].createdAt	'85.204.74.144'	N/A
.items[].indicators[].params.serverIp	Related Indicator.Value	IP Address	.items[].createdAt	'85.204.74.145'	N/A
.items[].indicators[].params.hashes.md5	Related Indicator.Value	MD5	.items[].createdAt	'113044788a356aab6c693a3e80189141'	N/A
.items[].indicators[].params.hashes.sha1	Related Indicator.Value	SHA-1	.items[].createdAt	'ba835af7b8aa51797f95223676640be9c81dad9f'	N/A
.items[].indicators[].params.hashes.sha256	Related Indicator.Value	SHA-256	.items[].createdAt	'0aef64991f9121a244c3f3bf7f5448bb8fb2c858bcf0ff26b3b663937af9ef40'	N/A
.items[].indicators[].params.hashes.sha384	Related Indicator.Value	SHA-384	.items[].createdAt	'fdbd8e75a67f29f701a4e040385e2e23986303ea10239211af907fcbb83578b3e417cb71ce646efd0819dd8c088de1bd'	N/A
.items[].indicators[].params.hashes.sha512	Related Indicator.Value	SHA-512	.items[].createdAt	'2c74fd17edafd80e8447b0d46741ee243b7eb74dd2149a0ab1b9246fb30382f27e853d8585719e0e67cbda0daa8f51671064615d645ae27acb15bfb1447f459b'	N/A
.items[].malwareList[].name	Related Malware.Value	N/A	.items[].createdAt	'SysUpdate'	N/A
.items[].mitreMatrix[].id	Related Attack	Attack Pattern	.items[].createdAt	'attack-pattern--fddd81e9-dd3d-477e-9773-4fb8ae227234'	N/A
.items[].mitreMatrix[].attackTactic	Related Attack.Attribute	Attack Tactic	.items[].createdAt	'build-capabilities'	N/A
.items[].mitreMatrix[].attackType	Related Attack.Attribute	Attack Type	.items[].createdAt	'pre_attack_tactics'	N/A
.items[].mitreMatrix[].params.data	Related Attack.Attribute	Attack Data	.items[].createdAt	'Just a string'	N/A
.items[].relatedThreatActors[].name	Related Adversary.Name	N/A	.items[].createdAt	'actor'	N/A
.items[].relatedThreatActors[].type	Related Adversary.Attribute	Type	.items[].createdAt	'bad'	N/A
.items[].threatActor.name	Related Adversary.Name	N/A	.items[].createdAt	'IronTiger'	N/A
.items[].threatActor.country	Related Adversary.Attribute	Country	.items[].createdAt	'CN'	N/A
.items[].toolList[].name	Related Tool	N/A	.items[].createdAt	'Tools'	N/A

GroupIB Malware C2

The GroupIB Malware C2 feed ingests Indicators, Malware, and Adversaries.

`GET https://tap.group-ib.com/api/v2/malware/cnc`

Sample Response:


```
{
  "resultId": "a90504337510806e189d401bb0e3cf22f836d362",
  "count": 22000,
  "items": [
    {
      "cnc": "http://128.199.23.9/uadmin/gate.php",
      "dateDetected": "2021-04-16T07:15:50+00:00",
      "dateLastSeen": "2021-04-16T07:15:50+00:00",
      "domain": "www.0983212l.link",
      "file": [
        {
          "hashes": {
            "md4": "",
            "md5": "5765fafd258a5a1e87c0582a67862675",
            "md6": "",
            "ripemd160": "",
            "sha1": "ba835af7b8aa51797f95223676640be9c81dad9f",
            "sha224": "",
            "sha256": "0aef64991f9121a244c3f3bf7f5448bb8fb2c858bcf0ff26b
                       3b663937af9ef40",
            "sha384": "fdbd8e75a67f29f701a4e040385e2e23
                       986303ea10239211af907fcbb83578
                       b3e417cb71ce646efd0819dd8c088de1bd",
            "sha512":"2c74fd17edafd80e8447b0d46741ee243b7eb74dd2149a0ab1b9246f
b30382f27e853d8585719e0e67cbda0daa8f5167
1064615d645ae27acb15bfb1447f459b"
          }
        }
      ],
      "id": "4fb5bbcaa61e77d5024b0f02256d3b78339606ef",
      "ipv4": [
        {
          "asn": "AS16276 OVH SAS",
          "city": "Singapore",
          "countryCode": "SG",
          "countryName": "Singapore",
          "ip": "128.199.23.9",
          "provider": "DigitalOcean",
          "region": "Central"
        }
      ],
      "ipv6": [
        {
          "asn": "AS16276 OVH SAS",
          "city": "Singapore",
          "countryCode": "SG",
          "countryName": "Singapore",
          "ip": "2001:0db8:85a3:0000:0000:8a2e:0370:7334",
```

```
        "provider": "DigitalOcean",
        "region": "Central"
      }
    ],
    "isFavourite": false,
    "isHidden": false,
    "malwareList": [
      {
        "id": "f9983dbd202159e87ca7ab517d1ca4b08aed542a",
        "name": "U-Admin"
      }
    ],
    "oldId": "448197320",
    "platform": null,
    "seqUpdate": 1622322902077,
    "ssl": [],
    "threatActor": {
      "country": "CN",
      "id": "55011fb96789bcb43c8e19e4e886924f803b6d30",
      "isAPT": true,
      "name": "IronTiger"
    },
    "url": "http://128.199.23.9/uadmin/gate.php"
  }
 ]
}
```


ThreatQ provides the following default mapping for these feeds:

FEED DATA PATH	THREATQ ENTITY	THREATQ OBJECT TYPE OR ATTRIBUTE KEY	PUBLISHED DATE	EXAMPLES	NOTES
.items[].cnc	Related Indicator.Value	FQDN	.items[].dateDetected	'http://128.199.23.9/uadmin/gate.php'	
.items[].domain	Related Indicator.Value	FQDN	.items[].dateDetected	'www.0983212l.link'	
.items[].file[].hashes.md5	Related Indicator.Value	MD5	.items[].dateDetected	'5765fafd258a5a1e87c0582a67862675'	
.items[].file[].hashes.sha1	Related Indicator.Value	SHA-1	.items[].dateDetected	'ba835af7b8aa51797f95223676640be9c81dad9f'	
.items[].file[].hashes.sha256	Related Indicator.Value	SHA-256	.items[].dateDetected	'0aef64991f9121a244c3f3bf7f5448bb8fb2c858bcf0ff26b3b663937af9ef40'	
.items[].file[].hashes.sha384	Related Indicator.Value	SHA-384	.items[].dateDetected	'fdbd8e75a67f29f701a4e040385e2e23986303ea10239211af907fcbb83578b3e417cb71ce646efd0819dd8c088de1bd'	
.items[].file[].hashes.sha512	Related Indicator.Value	SHA-512	.items[].dateDetected	'2c74fd17edafd80e8447b0d46741ee243b7eb74dd2149a0ab1b9246fb30382f27e853d8585719e0e67cbda0daa8f51671064615d645ae27acb15bfb1447f459b'	

FEED DATA PATH	THREATQ ENTITY	THREATQ OBJECT TYPE OR ATTRIBUTE KEY	PUBLISHED DATE	EXAMPLES	NOTES
.items[].ipv4[].ip	Related Indicator.Value	IP Address	.items[].dateDetected	'128.199.23.9'	
.items[].ipv4[].asn	Related Indicator.Attribute	ASN	.items[].dateDetected	'AS16276 OVH SAS'	
.items[].ipv4[].city	Related Indicator.Attribute	City	.items[].dateDetected	'Singapore'	
.items[].ipv4[].countryCode	Related Indicator.Attribute	Country Code	.items[].dateDetected	'SG'	
.items[].ipv4[].countryName	Related Indicator.Attribute	Country Name	.items[].dateDetected	'Singapore'	
.items[].ipv4[].provider	Related Indicator.Attribute	Provider	.items[].dateDetected	'DigitalOcean'	
.items[].ipv4[].region	Related Indicator.Attribute	Region	.items[].dateDetected	'Central'	
.items[].ipv6[].ip	Related Indicator.Value	IPv6 Address	.items[].dateDetected	'2001:0db8:85a3:0000:0000:8a2e:0370:7334'	
.items[].ipv6[].asn	Related Indicator.Attribute	ASN	.items[].dateDetected	'AS16276 OVH SAS'	
.items[].ipv6[].city	Related Indicator.Attribute	City	.items[].dateDetected	'Singapore'	
.items[].ipv6[].countryCode	Related Indicator.Attribute	Country Code	.items[].dateDetected	'SG'	
.items[].ipv6[].countryName	Related Indicator.Attribute	Country Name	.items[].dateDetected	'Singapore'	
.items[].ipv6[].provider	Related Indicator.Attribute	Provider	.items[].dateDetected	'DigitalOcean'	
.items[].ipv6[].region	Related Indicator.Attribute	Region	.items[].dateDetected	'Central'	
.items[].malwareList[].name	Related Malware.Value	N/A	.items[].dateDetected	'U-Admin'	
.items[].threatActor.name	Related Adversary.Name	N/A	.items[].dateDetected	'IronTiger'	
.items[].threatActor.country	Related Adversary.Attribute	Country	.items[].dateDetected	'CN'	
.items[].url	Related Indicator.Value	URL	.items[].dateDetected	'http://128.199.23.9/uadmin/gate.php'	If a URL Indicator attempting to be consumed is a true FQDN, the API normalize it to be an FQDN Indicator

GroupIB Malware Configs

The GroupIB Malware Configs feed ingests Indicators and Malware.

```
GET https://tap.group-ib.com/api/v2/malware/config
```

Sample Response:


```
{
  "resultId": "a90504337510806e189d401bb0e3cf22f836d362",
  "count": 2000,
  "items": [
    {
        "configSummary": null,
        "content": "LockBit 2.0 Ransomware...",
        "contentLen": 512,
        "dateFirstSeen": "2023-04-27",
        "dateLastSeen": "2023-04-27",
        "domainList": [],
        "file": [
            {
                "md5": "9bfcf1adb9cbcefe33d6077f02fc4a91",
                "name": "vtdl_85dg97ui",
                "sha1": "0ddf7e2c44fc7b9df73b56c0c081e082d7249f33",
                "sha256": "5df9c5633ff349ce87964b23ca33cd7548e57adcdb585a4234dc789e658f9d2f",
                "timestamp": "2023-04-27T03:21:09+00:00"
            }
        ],
        "hash": "433d976b1a7fbd76193c583d150d75ed74dbe04c",
        "id": "433d976b1a7fbd76193c583d150d75ed74dbe04c",
        "ipList": [],
        "malware": {
            "id": "01b0e643235e668704b92833a23224e4c64434e4",
            "name": "Lockbit"
        },
        "malwareId": "01b0e643235e668704b92833a23224e4c64434e4",
        "seqUpdate": 16825684080671
    }
  ]
}
```


ThreatQ provides the following default mapping for this feed:

FEED DATA PATH	THREATQ ENTITY	THREATQ OBJECT TYPE OR ATTRIBUTE KEY	PUBLISHED DATE	EXAMPLES	NOTES
.items[].malware.name	Malware.Value	N/A	.items[].dateFirstSeen	'Lockbit'	N/A
.items[].content	Malware.Description	N/A	.items[].dateFirstSeen	'LockBit 2.0 Ransomware... '	The content was truncated
.items[].hash	Related Indicator.Value	SHA-1	.items[].dateFirstSeen	'433d976b1a7fbd76193c583 d150d75ed74dbe04c'	N/A
.items[].file.md5	Related Indicator.Value	MD5	.items[].dateFirstSeen	'9bfcf1adb9cbcefe33d6077f0 2fc4a91'	N/A

FEED DATA PATH	THREATQ ENTITY	THREATQ OBJECT TYPE OR ATTRIBUTE KEY	PUBLISHED DATE	EXAMPLES	NOTES
.items[].file.sha1	Related Indicator.Value	SHA-1	.items[].dateFirstSeen	'0ddf7e2c44fc7b9df73b56c0c081e082d7249f33'	N/A
.items[].file.sha256	Related Indicator.Value	SHA-256	.items[].dateFirstSeen	'5df9c5633ff349ce87964b23ca33cd7548e57adcdb585a4234dc789e658f9d2f'	N/A
.items[].file.name	Related Indicator.Attribute	File name	.items[].dateFirstSeen	'vtdl_85dg97ui'	N/A

GroupIB Suspicious IP Tor Node, GroupIB Suspicious IP Open Proxy and GroupIB Suspicious IP Socks Proxy

These feeds ingests Indicators objects.

GroupIB Suspicious IP Tor Node

```
GET https://tap.group-ib.com/api/v2/suspicious_ip/tor_node
```

GroupIB Suspicious IP Open Proxy

```
GET https://tap.group-ib.com/api/v2/suspicious_ip/tor_node
```

GroupIB Suspicious IP Socks Proxy

```
GET https://tap.group-ib.com/api/v2/suspicious_ip/tor_node
```

Sample Response:


```
{
  "resultId": "ce0d600cdffbcbf9671552e201a92e5e4df730a9",
  "count": 132912,
  "items": [
    {
      "dateFirstSeen": "2020-05-27T14:57:33+00:00",
      "dateLastSeen": "2021-04-15T15:31:43+00:00",
      "evaluation": {
        "admiraltyCode": "A1",
        "credibility": 90,
        "reliability": 90,
        "severity": "green",
        "tlp": "green",
        "ttl": 30
      },
      "id": "199.249.230.184",
      "ipv4": {
        "asn": "AS16276 OVH SAS",
        "city": "Singapore",
        "countryCode": "SG",
        "countryName": "Singapore",
        "ip": "128.199.23.10",
        "provider": "DigitalOcean",
        "region": "Central"
      },
      "nodes": [],
      "portalLink": "https://tap.group-ib.com/suspicious/tor?
       searchValue=id:199.249.230.184",
      "seqUpdate": 16182431110000,
      "source": "check.torproject.org",
      "port": "80",
      "type": "http"
    }
  ]
}
```

ThreatQ provides the following default mapping for these feeds:

FEED DATA PATH	THREATQ ENTITY	THREATQ OBJECT TYPE OR ATTRIBUTE KEY	PUBLISHED DATE	EXAMPLES	NOTES
.items[].ipv4.ip	Indicator.Value	IP Address	.items[].dateFirstSeen	'128.199.23.10'	
.items[].ipv4.asn	Indicator.Attribute	ASN	.items[].dateFirstSeen	'AS16276 OVH SAS'	
.items[].ipv4.city	Indicator.Attribute	City	.items[].dateFirstSeen	'Singapore'	
.items[].ipv4.countryCode	Indicator.Attribute	Country Code	.items[].dateFirstSeen	'SG'	
.items[].ipv4.countryName	Indicator.Attribute	Country Name	.items[].dateFirstSeen	'Singapore'	
.items[].ipv4.provider	Indicator.Attribute	Provider	.items[].dateFirstSeen	'DigitalOcean'	
.items[].ipv4.region	Indicator.Attribute	Region	.items[].dateFirstSeen	'Central'	
.items[].evaluation.admiraltyCode	Indicator.Attribute	Admiralty Code	.items[].dateFirstSeen	'B2'	
.items[].evaluation.credibility	Indicator.Attribute	Credibility	.items[].dateFirstSeen	'80'	
.items[].evaluation.reliability	Indicator.Attribute	Reliability	.items[].dateFirstSeen	'80'	
.items[].evaluation.severity	Indicator.Attribute	Severity	.items[].dateFirstSeen	'red'	
.items[].evaluation.tlp	Indicator.TLP	N/A	.items[].dateFirstSeen	'amber'	
.items[].evaluation.ttl	Indicator.Attribute	Time To Live (seconds)	.items[].dateFirstSeen	'30'	
.items[].portalLink	Indicator.Attribute	Portal Link	.items[].dateFirstSeen	'https://tap.group-ib.com /suspicious/tor?search Value=id:199.249.230.184'	
.items[].source	Indicator.Attribute	Source	.items[].dateFirstSeen	'check.torproject.org'	
.items[].type	Indicator.Attribute	Proxy Type	.items[].dateFirstSeen	'http'	
.items[].port	Indicator.Attribute	Port	.items[].dateFirstSeen	'80'	

GroupIB Suspicious IP Scanners

The GroupIB Suspicious IP Scanners feed ingests Indicators objects.

```
GET https://tap.group-ib.com/api/v2/suspicious_ip/scanner
```

Sample Response:


```
{
  "resultId": "ce0d600cdffbcbf9671552e201a92e5e4df730a9",
  "count": 132912,
  "items": [
    {
      "categories": [
        "Hacking",
        "FTP Brute-Force"
      ],
      "dateFirstSeen": "2020-05-27T14:57:33+00:00",
      "dateLastSeen": "2021-04-15T15:31:43+00:00",
      "evaluation": {
        "admiraltyCode": "A1",
        "credibility": 90,
        "reliability": 90,
        "severity": "green",
        "tlp": "green",
        "ttl": 30
      },
      "id": "134.209.127.189",
      "ipv4": {
        "asn": "AS16276 OVH SAS",
        "city": "Singapore",
        "countryCode": "SG",
        "countryName": "Singapore",
        "ip": "134.209.127.189",
        "provider": "DigitalOcean",
        "region": "Central"
      },
      "portalLink": null,
      "seqUpdate": 16182431110000,
      "sources": [
        "AbuseIPDB",
        "GIB-HoneyPot"
      ]
    }
  ]
}
```


ThreatQ provides the following default mapping for this feed:

FEED DATA PATH	THREATQ ENTITY	THREATQ OBJECT TYPE OR ATTRIBUTE KEY	PUBLISHED DATE	EXAMPLES	NOTES
.items[].ipv4.ip	Indicator.Value	IP Address	.items[].dateFirstSeen	'134.209.127.189'	N/A

FEED DATA PATH	THREATQ ENTITY	THREATQ OBJECT TYPE OR ATTRIBUTE KEY	PUBLISHED DATE	EXAMPLES	NOTES
.items[].categories	Indicator.Tags	N/A	.items[].dateFirstSeen	'Hacking, FTP Brute-Force'	N/A
.items[].ipv4.asn	Indicator.Attribute	ASN	.items[].dateFirstSeen	'AS16276 OVH SAS'	N/A
.items[].ipv4.city	Indicator.Attribute	City	.items[].dateFirstSeen	'Singapore'	N/A
.items[].ipv4.countryCode	Indicator.Attribute	Country Code	.items[].dateFirstSeen	'SG'	N/A
.items[].ipv4.countryName	Indicator.Attribute	Country Name	.items[].dateFirstSeen	'Singapore'	N/A
.items[].ipv4.provider	Indicator.Attribute	Provider	.items[].dateFirstSeen	'DigitalOcean'	N/A
.items[].ipv4.region	Indicator.Attribute	Region	.items[].dateFirstSeen	'Central'	N/A
.items[].evaluation.admiraltyCode	Indicator.Attribute	Admiralty Code	.items[].dateFirstSeen	'B2'	N/A
.items[].evaluation.credibility	Indicator.Attribute	Credibility	.items[].dateFirstSeen	'80'	N/A
.items[].evaluation.reliability	Indicator.Attribute	Reliability	.items[].dateFirstSeen	'80'	N/A
.items[].evaluation.severity	Indicator.Attribute	Severity	.items[].dateFirstSeen	'red'	N/A
.items[].evaluation.tlp	Indicator.TLP	N/A	.items[].dateFirstSeen	'amber'	N/A
.items[].evaluation.ttl	Indicator.Attribute	Time To Live (seconds)	.items[].dateFirstSeen	'30'	N/A
.items[].portalLink	Indicator.Attribute	Portal Link	.items[].dateFirstSeen	N/A	N/A
.items[].sources	Indicator.Attribute	Source	.items[].dateFirstSeen	'AbuseIPDB'	N/A

GroupIB Suspicious IP VPN

The GroupIB Suspicious IP VPN feed ingests Indicators objects.

```
GET https://tap.group-ib.com/api/v2/suspicious_ip/vpn
```

Sample Response:


```
{
  "resultId": "ce0d600cdffbcbf9671552e201a92e5e4df730a9",
  "count": 132912,
  "items": [
    {
      "dateFirstSeen": "2020-05-27T14:57:33+00:00",
      "dateLastSeen": "2021-04-15T15:31:43+00:00",
      "evaluation": {
        "admiraltyCode": "A1",
        "credibility": 90,
        "reliability": 90,
        "severity": "green",
        "tlp": "green",
        "ttl": 30
      },
      "id": "66.235.168.192",
      "ipv4": {
        "asn": "AS16276 OVH SAS",
        "city": "Singapore",
        "countryCode": "SG",
        "countryName": "Singapore",
        "ip": "66.235.168.192",
        "provider": "DigitalOcean",
        "region": "Central"
      },
      "names": [
        "Pulse Connect Secure"
      ],
      "portalLink": null,
      "rules": [
        "Pulse Connect Secure VPN"
      ],
      "seqUpdate": 16182431110000,
      "sources": [
        "playbook"
      ],
      "types": [
        "public"
      ]
    }
  ]
}
```


ThreatQ provides the following default mapping for this feed:

FEED DATA PATH	THREATQ ENTITY	THREATQ OBJECT TYPE OR ATTRIBUTE KEY	PUBLISHED DATE	EXAMPLES	NOTES
.items[].ipv4.ip	Indicator.Value	IP Address	.items[].dateFirstSeen	'66.235.168.192'	N/A
.items[].types	Indicator.Tags	N/A	.items[].dateFirstSeen	'public'	N/A
.items[].ipv4.asn	Indicator.Attribute	ASN	.items[].dateFirstSeen	'AS16276 OVH SAS'	N/A
.items[].ipv4.city	Indicator.Attribute	City	.items[].dateFirstSeen	'Singapore'	N/A
.items[].ipv4.countryCode	Indicator.Attribute	Country Code	.items[].dateFirstSeen	'SG'	N/A
.items[].ipv4.countryName	Indicator.Attribute	Country Name	.items[].dateFirstSeen	'Singapore'	N/A
.items[].ipv4.provider	Indicator.Attribute	Provider	.items[].dateFirstSeen	'DigitalOcean'	N/A
.items[].ipv4.region	Indicator.Attribute	Region	.items[].dateFirstSeen	'Central'	N/A
.items[].evaluation.admiraltyCode	Indicator.Attribute	Admiralty Code	.items[].dateFirstSeen	'B2'	N/A
.items[].evaluation.credibility	Indicator.Attribute	Credibility	.items[].dateFirstSeen	'80'	N/A
.items[].evaluation.reliability	Indicator.Attribute	Reliability	.items[].dateFirstSeen	'80'	N/A
.items[].evaluation.severity	Indicator.Attribute	Severity	.items[].dateFirstSeen	'red'	N/A
.items[].evaluation.tlp	Indicator.TLP	N/A	.items[].dateFirstSeen	'amber'	N/A
.items[].evaluation.ttl	Indicator.Attribute	Time To Live (seconds)	.items[].dateFirstSeen	'30'	N/A
.items[].portalLink	Indicator.Attribute	Portal Link	.items[].dateFirstSeen	N/A	N/A
.items[].sources	Indicator.Attribute	Source	.items[].dateFirstSeen	'AbuseIPDB'	N/A
.items[].names	Indicator.Attribute	Name	.items[].dateFirstSeen	'Pulse Connect Secure'	N/A
.items[].rules	Indicator.Attribute	Rule	.items[].dateFirstSeen	'Pulse Connect Secure VPN'	N/A

GroupIB Attacks DDoS

The GroupIB Attacks DDoS feed ingests Indicators objects.

```
GET https://tap.group-ib.com/api/v2/attacks/ddos
```

Sample Response:


```
{
  "resultId": "7545813d204a0ab3cb233da144bc06a4ef6223b6",
    "count": 100,
    "items": [
        {
            "cnc": {
                "cnc": "peacecorps.gov",
                "domain": "peacecorps.gov",
                "ipv4": {
                    "asn": "AS14618 Amazon.com, Inc.",
                    "city": "Ashburn",
                    "countryCode": "US",
                    "countryName": "United States",
                    "ip": "52.202.206.232",
                    "provider": "Amazon.com",
                    "region": "Virginia"
                },
                "ipv6": null,
                "url": null
            },
            "dateBegin": "2019-03-11T06:58:51+00:00",
            "dateEnd": "2019-03-11T06:58:51+00:00",
            "dateReg": "2019-03-11",
            "evaluation": {
                "admiraltyCode": "A2",
                "credibility": 90,
                "reliability": 90,
                "severity": "red",
                "tlp": "green",
                "ttl": 30
            },
            "id": "3411bdc00c4f7ab43723f30205c31a20e183acf3",
            "isFavourite": false,
            "isHidden": false,
            "malware": {
                "id": "3e9e68a2f267f45f970ee84ff5dac37d05761f69",
                "name": "Bootnet"
            },
            "messageLink": null,
            "oldId": "222",
            "portalLink": "https://tap-demo.group-ib.com/attacks/ddos?
searchValue=id:3411bdc00c4f7ab43723f30205c31a20e183acf3",
            "protocol": "udp",
            "seqUpdate": 0,
            "target": {
                "ipv4": {
                    "asn": "AS3223 Voxility S.R.L.",
                    "city": "London",
```

```
                    "countryCode": "GB",
                    "countryName": "United Kingdom",
                    "ip": "185.82.99.18",
                    "provider": "Net 360 S.a.r.l",
                    "region": "London, City of"
                },
                "url": "brot.net",
                "category": null,
                "domainsCount": 3,
                "port": 10913,
                "domain": null
            },
            "threatActor": null,
            "type": "DNS Reflection"
        }
    ]
}
```


ThreatQ provides the following default mapping for these feeds:

FEED DATA PATH	THREATQ ENTITY	THREATQ OBJECT TYPE OR ATTRIBUTE KEY	PUBLISHED DATE	EXAMPLES	
.items[].cnc.cnc	Indicator.Value	FQDN	.items[].dateBegin	peacecorps.gov	N/A
.items[].cnc.domain	Indicator.Value	FQDN	.items[].dateBegin	peacecorps.gov	N/A
.items[].cnc.ipv4.asn	Indicator.Attribute	ASN	.items[].dateBegin	AS14618 Amazon.com, Inc.	N/A
.items[].cnc.ipv4.city	Indicator.Attribute	City	.items[].dateBegin	Ashburn	N/A
.items[].cnc.ipv4.countryCode	Indicator.Attribute	Country Code	.items[].dateBegin	US	N/A
.items[].cnc.ipv4.countryName	Indicator.Attribute	Country Name	.items[].dateBegin	United States	N/A
.items[].cnc.ipv4.ip	Indicator.Value	IP Address	.items[].dateBegin	52.202.206.232	N/A
.items[].cnc.ipv4.provider	Indicator.Attribute	Provider	.items[].dateBegin	Amazon.com	N/A
.items[].cnc.ipv4.region	Indicator.Attribute	Region	.items[].dateBegin	Virginia	N/A
.items[].cnc.ipv6.asn	Indicator.Attribute	ASN	.items[].dateBegin	N/A	N/A
.items[].cnc.ipv6.city	Indicator.Attribute	City	.items[].dateBegin	N/A	N/A
.items[].cnc.ipv6.countryCode	Indicator.Attribute	Country Code	.items[].dateBegin	N/A	N/A
.items[].cnc.ipv6.countryName	Indicator.Attribute	Country Name	.items[].dateBegin	N/A	N/A
.items[].cnc.ipv6.ip	Indicator.Value	IPv6 Address	.items[].dateBegin	N/A	N/A
.items[].cnc.ipv6.provider	Indicator.Attribute	Provider	.items[].dateBegin	N/A	N/A

FEED DATA PATH	THREATQ ENTITY	THREATQ OBJECT TYPE OR ATTRIBUTE KEY	PUBLISHED DATE	EXAMPLES	
.items[].cnc.ipv6.region	Indicator.Attribute	Region	.items[].dateBegin	N/A	N/A
.items[].cnc.url	Related Indicator.Value	URL	.items[].dateBegin	N/A	N/A
.items[].evaluation.admiraltyCode	Indicator/Malware/Adversary.Attribute	Admiralty Code	.items[].dateBegin	A2	N/A
.items[].evaluation.credibility	Indicator/Malware/Adversary.Attribute	Credibility	.items[].dateBegin	90	N/A
.items[].evaluation.reliability	Indicator/Malware/Adversary.Attribute	Reliability	.items[].dateBegin	90	N/A
.items[].evaluation.severity	Indicator/Malware/Adversary.Attribute	Severity	.items[].dateBegin	red	N/A
.items[].evaluation.tlp	Indicator/Malware/Adversary.TLP	Traffic Light Protocol	.items[].dateBegin	green	N/A
.items[].evaluation.ttl	Indicator/Malware/Adversary.Attribute	Time to live (seconds)	.items[].dateBegin	30	N/A
.items[].malware.name	Malware.Value	N/A	.items[].dateBegin	Bootnet	N/A
.items[].messageLink	Indicator/Malware/Adversary.Attribute	Message Link	.items[].dateBegin	N/A	N/A
.items[].portalLink	Indicator/Malware/Adversary.Attribute	Source Link	.items[].dateBegin	https://tap.group-ib.com/attacks/ddos?searchValue=id:053e63f81d0e1ebef83b0d3a5cbfebbe1a2b28a7	N/A
.items[].protocol	Indicator/Malware/Adversary.Attribute	Protocol	.items[].dateBegin	udp	N/A
.items[].target.ipv4.asn	Related Indicator.Attribute	ASN	.items[].dateBegin	AS3223 Voxility S.R.L.	N/A
.items[].target.ipv4.city	Related Indicator.Attribute	City	.items[].dateBegin	London	N/A
.items[].target.ipv4.countryCode	Related Indicator.Attribute	Country Code	.items[].dateBegin	GB	N/A
.items[].target.ipv4.countryName	Related Indicator.Attribute	Country Name	.items[].dateBegin	United Kingdom	N/A
.items[].target.ipv4.ip	Related Indicator.Value	IP Address	.items[].dateBegin	185.82.99.18	N/A
.items[].target.ipv4.provider	Related Indicator.Attribute	Provider	.items[].dateBegin	Net 360 S.a.r.l	N/A
.items[].target.ipv4.region	Related Indicator.Attribute	Region	.items[].dateBegin	London, City of	N/A
.items[].target.url	Indicator.Value	URL	.items[].dateBegin	brot.net	N/A
.items[].target.category	Indicator/Malware/Adversary.Attribute	Category	.items[].dateBegin	N/A	N/A

FEED DATA PATH	THREATQ ENTITY	THREATQ OBJECT TYPE OR ATTRIBUTE KEY	PUBLISHED DATE	EXAMPLES	
.items[].target.port	Indicator/Malware/ Adversary.Attribute	Port	.items[].dateBegin	10913	N/ A
.items[].target.domain	Indicator.Value	FQDN	.items[].dateBegin	N/A	N/ A
.items[].threatActor.name	Adversary.Value	N/A	.items[].dateBegin	N/A	N/ A
.items[].type	Indicator/Malware/ Adversary.Attribute	Type	.items[].dateBegin	DNS Reflection	

GroupIB Attacks Deface

The GroupIB Attacks Deface feed ingests Indicators objects and related Adversaries.

```
GET https://tap.group-ib.com/api/v2/attacks/deface
```

Sample Response:


```
{
  "resultId": "7545813d204a0ab3cb233da144bc06a4ef6223b6",
    "count": 100,
    "items": [
        {
            "contacts": [],
            "date": "2023-05-10T11:17:43+00:00",
            "evaluation": {
                "admiraltyCode": "B2",
                "credibility": 80,
                "reliability": 80,
                "severity": "orange",
                "tlp": "amber",
                "ttl": 30
            },
            "id": "645b7fe87400cb001883f9b2",
            "portalLink": "https://tap.group-ib.com/attacks/deface?searchValue=id:645b7fe87400cb001883f9b2",
            "seqUpdate": 1683718118053866,
            "source": "www.zone-h.org",
            "targetDomain": "mandrill.steelcoat.co.in",
            "targetDomainProvider": null,
            "targetIp": {
                "asn": null,
                "city": "Scottsdale",
                "countryCode": null,
                "countryName": "United States",
                "ip": "184.168.108.77",
                "provider": null,
                "region": null
            },
            "threatActor": {
                "country": null,
                "id": "be2da8bce084d842dedb59b2ecf079cbba091cdf",
                "isAPT": false,
                "name": "Mr.Pr4x0r"
            },
            "url": "http://mandrill.steelcoat.co.in/FCH.php"
        }
    ]
}
```


ThreatQ provides the following default mapping for this feed:

FEED DATA PATH	THREATQ ENTITY	THREATQ OBJECT TYPE OR ATTRIBUTE KEY	PUBLISHED DATE	EXAMPLES	NOTES
.items[].url	Indicator.Value	URL	.items[].date	http://httpswwwalibaba.com-spma2700homeloginngnsdc.steelcoat.co.in/FCH.php	N/A
.items[].evaluation.admiraltyCode	Indicator/ Adversary.Attribute	Admiralty Code	.items[].date	B2	N/A
.items[].evaluation.credibility	Indicator/ Adversary.Attribute	Credibility	.items[].date	80	N/A
.items[].evaluation.reliability	Indicator/ Adversary.Attribute	Reliability	.items[].date	80	N/A
.items[].evaluation.severity	Indicator/ Adversary.Attribute	Severity	.items[].date	orange	N/A
.items[].evaluation.tlp	Indicator/Adversary.TLP	Traffic Light Protocol	.items[].date	amber	N/A
.items[].evaluation.ttl	Indicator/ Adversary.Attribute	Time to live (seconds)	.items[].date	30	N/A
.items[].portalLink	Indicator/ Adversary.Attribute	Source Link	.items[].dateBegin	https://tap.group-ib.com/attacks/deface?searchValue=id:645b7ff97400cb001883f9bf	N/A
.items[].targetIp.ip	Related Indicator.Value	IP Address	.items[].date	184.168.108.77	N/A
.items[].targetIp.asn	Related Indicator.Attribute	ASN	.items[].date	N/A	N/A
.items[].targetIp.city	Related Indicator.Attribute	City	.items[].date	Scottsdale	N/A
.items[].targetIp.countryCode	Related Indicator.Attribute	Country Code	.items[].date	N/A	N/A
.items[].targetIp.countryName	Related Indicator.Attribute	Country Name	.items[].date	United States	N/A
.items[].targetIp.provider	Related Indicator.Attribute	Provider	.items[].date	N/A	N/A
.items[].targetIp.region	Related Indicator.Attribute	Region	.items[].date	N/A	N/A
.items[].targetDomain	Related Indicator.Value	FQDN	.items[].date	httpswwwalibaba.com-spma2700homeloginngnsdc.steelcoat.co.in	N/A
.items[].threatActor.name	Adversary.Value	N/A	.items[].date	Mr.Pr4x0r	N/A

GroupIB Malware Targeted Malware

The GroupIB Malware Targeted Malware feed ingests Malware objects and any related Indicators, and Adversary.

```
GET https://tap.group-ib.com/api/v2/malware/targeted_malware
```

Sample Response:


```
{
    "resultId": "6c78425a2879a39b4ef0d12b09a7e6ae53f0b0de",
    "count": 1,
    "items": [
        {
            "date": "2019-03-14T01:01:21+00:00",
            "dateAnalyzeEnded": null,
            "dateAnalyzeStarted": null,
            "evaluation": {
                "admiraltyCode": "A1",
                "credibility": 100,
                "reliability": 100,
                "severity": "red",
                "tlp": "red",
                "ttl": null
            },
            "fileName": null,
            "fileType": "PE32 executable (GUI) Intel 80386, for MS Windows",
            "fileVersion": null,
            "hasReport": false,
            "id": "c3685e16913400be5745e16f895cf13c431275b4",
            "injectDump": "{\n\"integers\": [\n\"10\",\n\"12\",\n\"60\",\n\"600\",
\n\"1000\",\n\"300\",\n\"1000\",\n\
"300\",\n\"10\",\n\"3231\",\n\"200\"\n],\n\"family\": \"gozi\",\n\"key\":
[\n\"10291029JSJUYNHG\"\n],\n\"urls\": [\n\"xoblaiseoj.email\"\n],\n\"domains\":
 [\n\"com ru org\", \"test-company-1.com\"\n],\n\"hex\": []\n}",
            "injectMd5": "067e7db771471182ecab5d7a14ec4c1e",
            "isFavourite": false,
            "isHidden": false,
            "malware": {
                "id": "71362b4e63a086af61ac1fde632be254c761d8f0",
                "name": "GoziLoader"
            },
            "md5": "c9d002ba70208570bfc624309b9413ed",
            "oldId": "1296",
            "portalLink": "https://tap-demo.group-ib.com/targeted_malware/G
oziLoader/sample/c685e16913400be5745e16f895cf13c431275b4/show",
            "seqUpdate": 1553104463529,
            "sha1": null,
            "sha256": null,
            "size": 229376,
            "source": "Sandbox service",
            "threatActor": null
        }
    ]
}
```

ThreatQ provides the following default mapping for these feeds:

FEED DATA PATH	THREATQ ENTITY	THREATQ OBJECT TYPE OR ATTRIBUTE KEY	PUBLISHED DATE	EXAMPLES
.items[].evaluation.admiraltyCode	Malware.Attribute	Admiralty Code	.items[].date	A1
.items[].evaluation.credibility	Malware.Attribute	Credibility	.items[].date	100
.items[].evaluation.reliability	Malware.Attribute	Reliability	.items[].date	100
.items[].evaluation.severity	Malware.Attribute	Severity	.items[].date	red
.items[].evaluation.tlp	Malware.TLP / Related Objects.TLP	N/A	.items[].date	red
.items[].evaluation.ttl	Malware.Attribute	Time to live (seconds)	.items[].date	N/A
.items[].fileName	Malware.Attribute	File Name	.items[].date	N/A
.items[].fileType	Malware.Attribute	File Type	.items[].date	PE32 executable (GUI) Intel 80386, for MS Windows
.items[].fileVersion	Malware.Attribute	File Version	.items[].date	N/A
.items[].injectMd5	Related Indicator.Value	MD5	.items[].date	067e7db771471182ecab5d7a14ec4c1e
.items[].malware.name	Malware.Value	N/A	.items[].date	GoziLoader
.items[].md5	Related Indicator.Value	MD5	.items[].date	c9d002ba70208570bfc624309b9413ed
.items[].sha1	Related Indicator.Value	SHA-1	.items[].date	N/A
.items[].sha256	Related Indicator.Value	SHA-256	.items[].date	N/A
.items[].size	Malware.Attribute	File Size	.items[].date	229376
.items[].source	Malware.Attribute	Source	.items[].date	Sandbox service
.items[].threatActor.name	Related Adversary.Value	N/A	.items[].date	N/A

GroupIB Malware Report

The GroupIB Malware Report feed ingests Malware objects and any related Indicators, and Adversary.

```
GET https://tap.group-ib.com/api/v2/malware/malware
```

Truncated Sample Response:


```
{
    "resultId": "6c78425a2879a39b4ef0d12b09a7e6ae53f0b0de",
    "count": 1,
    "items": [
        {
            "aliases": [
                "BRATARAT"
            ],
            "attachedFile": [
                {
                    "hash": "dd28c28bcbafa605febc2b3b9a8ccd23ebfedf126aa66a72e598d305bd55bdd4",
                    "mime": "image/png",
                    "name": "dd28c28bcbafa605febc2b3b9a8ccd23ebfedf126aa66a72e598d305bd55bdd4",
                    "size": 173847
                },
                {
                    "hash": "c116cc30b2bff85a6f21bb8013b35eeef4c7e75851ba42c9405c4f44624b972e",
                    "mime": "image/png",
                    "name": "c116cc30b2bff85a6f21bb8013b35eeef4c7e75851ba42c9405c4f44624b972e",
                    "size": 399114
                }
            ],
            "author": null,
            "category": [
                "Banking Trojan"
            ],
            "categoryOptions": [
                {
                    "label": "banking trojan",
                    "value": "banking trojan"
                }
            ],
            "class": null,
            "configCount": 0,
            "configList": [],
            "deleted": false,
            "dislikeCount": 0,
            "fileCount": 0,
            "fileIocList": [],
            "geoRegion": [
                "america:south_america",
                "europe:european_union",
                "europe"
            ],
            "history": [
                {
                    "date": "2023-04-23T20:04:17+03:00",
```

```
            "editor": {
                "id": "shirshova@group-ib.com"
            }
        }
    ],
    "id": "a36a740ab0dc910eea2c3760ec93d3b44d9a9a27",
    "isDisliked": false,
    "isLiked": false,
    "isSeen": false,
    "langs": [
        "en"
    ],
    "likeCount": 0,
    "linkedMalware": [],
    "malwareAliasList": [
        "BRATARAT"
    ],
    "mitreCount": 0,
    "name": "BRATA",
    "networkCount": 0,
    "networkIocList": [],
    "partCount": 0,
    "platform": [
        "Android"
    ],
    "platformOptions": [
        {
            "label": "Android",
            "value": "android"
        }
    ],
    "portalLink": null,
    "reportRating": null,
    "reportSeen": [
        "9498"
    ],
    "seenCount": 1,
    "seqUpdate": 16563360102488,
    "shortDescription": "BRATA (Brazilian Android Rat) is an Android Rat",
    "signatureCount": 0,
    "signatureList": [],
    "sourceCountry": [
        "BR",
        "IT"
    ],
    "stixGuid": null,
    "threatActorList": [
        {
            "id": "19a0a76e206404e203b2e3f5cbebcd56d20ea473",
            "isApt": false,
            "name": "Donot Team",
            "url": ""
        }
    ],
    "threatLevel": "Medium",
    "threatLevelOptions": {
        "label": "Medium",
        "value": "Medium"
    },
    "updatedAt": "2023-04-23T20:04:17+03:00",
    "yaraCount": 0,
```

```
            "yaraRuleList": []
        }
    ]
}
```

ThreatQ provides the following default mapping for this feed:

FEED DATA PATH	THREATQ ENTITY	THREATQ OBJECT TYPE OR ATTRIBUTE KEY	PUBLISHED DATE	EXAMPLES	NOTES
.items[].name	Malware.Value	N/A	.items[].history[0].date	BRATA	N/A
.items[].aliases	Malware.Tags	N/A	.items[].history[0].date	BRATARAT, Banking Trojan	Concatenated with .items[].category
.items[].category	Malware.Tags	N/A	.items[].history[0].date	BRATARAT, Banking Trojan	Concatenated with .items[].aliases
.items[].shortDescription	Malware.Description	N/A	.items[].history[0].date	BRATA (Brazilian Android Rat) is an Android Rat discovered in 2019.	N/A
.items[].geoRegion	Malware.Attribute	Region	.items[].history[0].date	america:south_america	N/A
.items[].langs	Malware.Attribute	Language	.items[].history[0].date	en	N/A
.items[].platform	Malware.Attribute	Operating System	.items[].history[0].date	Android	N/A
.items[].sourceCountry	Malware.Attribute	Source Country	.items[].history[0].date	BR	N/A
.items[].threatLevel	Malware.Attribute	Threat Level	.items[].history[0].date	Medium	N/A
.items[].attachedFile[].hash	Related Indicator.Value	SHA-256	.items[].history[0].date	dd28c28bcbafa605febc2b3b9a8ccd23ebfedf126aa66a72e598d305bd55bdd4	N/A
.items[].attachedFile[].size	Related Indicator.Attribute	File Size	.items[].history[0].date	173847	N/A
.items[].threatActorList[].name	Related Adversary.Value	N/A	.items[].history[0].date	Donot Team	N/A

GroupIB Malware Signature, GroupIB Malware YARA Rule

This feed ingests Events and any related Malware.

GroupIB Malware Signature - `GET https://tap.group-ib.com/api/v2/malware/signature`

GroupIB Malware Yara Rule - `GET https://tap.group-ib.com/api/v2/malware/yara`

(Truncated) Sample Response:


```
{
    "resultId": "6c78425a2879a39b4ef0d12b09a7e6ae53f0b0de",
    "count": 1,
    "items": [
        {
            "alertHistory": [],
            "alertNum": 0,
            "class": "backdoor",
            "content": "alert http $EXTERNAL_NET $HTTP_PORTS -> $HOME_NET any (msg:\"CURRENT_EVENTS Driveby bredolab
hidden div served by nginx\";",
            "createdAt": "2015-12-03T14:53:26+03:00",
            "id": 107709,
            "malware": [
                {
                    "id": "490fcdb4491edc1ef30687eb2700fbd65727aca3",
                    "name": "Bredolab"
                }
            ],
            "name": "CURRENT_EVENTS Driveby bredolab hidden div served by nginx",
            "seqUpdate": 16752632631373,
            "severity": 5,
            "sid": 2011355,
            "sourceName": null
        }
    ]
}
```


ThreatQ provides the following default mapping for these feeds:

FEED DATA PATH	THREATQ ENTITY	THREATQ OBJECT TYPE OR ATTRIBUTE KEY	PUBLISHED DATE	EXAMPLES	NOTES
.items[].name	Event.Title	Incident	.items[].createdAt	CURRENT_EVENTS Driveby bredolab hidden div served by nginx	N/A
.items[].class	Event.Tags	N/A	.items[].createdAt	backdoor	N/A
.items[].content	Event.Description	N/A	.items[].createdAt	alert http $EXTERNAL_NET $HTTP_PORTS -> $HOME_NET any (msg:"CURRENT_EVENTS Driveby bredolab hidden div served by nginx";	N/A
.items[].severity	Event.Attribute	Severity	.items[].createdAt	5	N/A

FEED DATA PATH	THREATQ ENTITY	THREATQ OBJECT TYPE OR ATTRIBUTE KEY	PUBLISHED DATE	EXAMPLES	NOTES
.items[].sourceName	Event.Attribute	Source	.items[].createdAt	N/A	N/A
.items[].malware[].name	Related Malware.Value	N/A	.items[].createdAt	Bredolab	N/A

GroupIB Malware Vulnerability

If the type of the ingested object is CVE then it may be ingested as an Indicator, a Vulnerability or both, depending on the user field `Save CVE Data as`. If the type is not CVE, then this feed ingests the objects as Vulnerabilities.

`GET https://tap.group-ib.com/api/v2/osi/vulnerability`

Sample Response:


```
{
    "resultId": "6c78425a2879a39b4ef0d12b09a7e6ae53f0b0de",
    "count": 1,
    "items": [
        {
          "bulletinFamily": "NVD",
          "cpeTable": [],
          "cveList": [],
          "cvss": {
            "score": 0.0,
            "vector": "NONE"
          },
          "darkweb": [],
          "dateLastSeen": "2023-05-03T22:11:28+03:00",
          "dateModified": "2023-05-03T20:15:00+03:00",
          "datePublished": "2023-05-03T20:15:00+03:00",
          "description": "In CyberArk Viewfinity 5.5.10.95 and 6.x before 6.1.1.220, a low privilege user can
escalate to an administrative",
          "displayOptions": {
            "isFavourite": false,
            "isHidden": false
          },
          "evaluation": {
            "admiraltyCode": "A1",
            "credibility": 100,
            "reliability": 100,
            "severity": "red",
            "tlp": "green",
            "ttl": 30
          },
          "exploitCount": 1,
          "exploitList": [
            {
              "aix": null,
              "aixFileset": [],
              "appercut": null,
              "assessment": null,
              "bounty": null,
              "bountyState": null,
              "bulletinFamily": "exploit",
              "bulletinSequenceId": null,
              "cpe": [],
              "cpe23": [],
              "cvelist": [
                "CVE-2017-11197"
```

```
      ],
      "cvss": {
        "score": 3.2999999999999998,
        "vector": "II:P/RC:UR/AC:L/AU:M/AV:N/E:ND/CI:N/AI:N/RL:ND"
      },
      "cvss3": [],
      "description": "",
      "edition": null,
      "h1reporter": null,
      "h1team": null,
      "hackapp": null,
      "href": "https://www.exploit-db.com/exploits/42319",
      "id": "EDB-ID:42319",
      "ioc": null,
      "isBulletin": "",
      "lastseen": "2018-11-30T12:32:43+03:00",
      "metasploitHistory": null,
      "metasploitReliability": null,
      "modified": "2017-07-13T00:00:00+03:00",
      "naslFamily": null,
      "nmap": null,
      "objectType": null,
      "objectTypes": [],
      "openbugbounty": null,
      "osvdbidlist": null,
      "pluginID": null,
      "provider": "vulners.com",
      "ptsecurityAffected": [],
      "published": "2017-07-13T00:00:00+03:00",
      "references": [],
      "reporter": "Exploit-DB",
      "scanner": [],
      "sequenceId": 16124324829172,
      "sourceData": "# Exploit Title: Privilege Escalation via CyberArk Viewfinity <= 5.5 (5.5.10.95)",
      "sourceHref": "https://www.exploit-db.com/download/42319",
      "status": null,
      "taskMd5": "d22f61c5eb10abc520aaa7b0de636dff",
      "threatPostCategory": null,
      "title": "CyberArk Viewfinity 5.5.10.95 - Local Privilege Escalation",
      "type": "exploitdb",
      "vuldb": [],
      "vulnerabilityCvedetails": null,
      "w3af": null
    }
  ],
  "exploitation": [],
  "extCvss": {
    "base": 2.3999999999999999,
    "environmental": 0.0,
    "exploitability": 1.0,
    "impact": 1.5,
    "mImpact": 0.0,
    "overall": 2.3999999999999999,
    "temporal": 2.3999999999999999,
    "vector": "A:N/AC:L/PR:H/C:N/E:X/I:L/RC:R/S:U/UI:R/AV:N/RL:X"
  },
  "extDescription": "",
  "githubLinkList": [],
  "href": "https://web.nvd.nist.gov/view/vuln/detail?vulnId=CVE-2017-11197",
  "id": "CVE-2017-11197",
  "lastseen": "2023-05-03T22:11:28+03:00",
```

```
        "portalLink": "https://tap.group-ib.com/osi/vulnerabilities?searchValue=id:CVE-2017-11197",
        "provider": "vulners.com",
        "references": [
          "https://www.exploit-db.com/exploits/42319",
          "http://lp.cyberark.com/rs/316-CZP-275/images/ds-Viewfinity-102315-web.pdf",
          "https://web.nvd.nist.gov/view/vuln/detail?vulnId=CVE-2017-11197"
        ],
        "reporter": "cve@mitre.org",
        "seqUpdate": 16831814361349,
        "softwareMixed": [
          {
            "arch": [],
            "hardware": "",
            "hardwareVendor": "",
            "hardwareVersion": "",
            "os": "",
            "osVendor": "",
            "osVersion": "",
            "rel": [],
            "softwareFileName": "",
            "softwareName": [
              "cisco small business ip phones"
            ],
            "softwareType": [
              "software"
            ],
            "softwareVersion": [
              "any"
            ],
            "softwareVersionString": "",
            "vendor": "Cisco",
            "versionOperator": ""
          }
        ],
        "threats": [],
        "threatsList": [],
        "timeLineData": [],
        "title": "CVE-2017-11197",
        "twitter": [],
        "type": "cve"
      }
   ]
}
```


ThreatQ provides the following default mapping for this feed:

FEED DATA PATH	THREATQ ENTITY	THREATQ OBJECT TYPE OR ATTRIBUTE KEY	PUBLISHED DATE	EXAMPLES	NOTES
.items[].evaluation.admiraltyCode	Indicator/ Vulnerability.Attribute	Admiralty Code	.items[].datePublished	A1	N/A
.items[].evaluation.credibility	Indicator/ Vulnerability.Attribute	Credibility	.items[].datePublished	100	N/A
.items[].evaluation.reliability	Indicator/ Vulnerability.Attribute	Reliability	.items[].datePublished	100	N/A
.items[].evaluation.severity	Indicator/ Vulnerability.Attribute	Severity	.items[].datePublished	red	N/A

FEED DATA PATH	THREATQ ENTITY	THREATQ OBJECT TYPE OR ATTRIBUTE KEY	PUBLISHED DATE	EXAMPLES	NOTES
.items[].evaluation.tlp	Indicator/ Vulnerability.TLP	N/A	.items[].datePublished	green	N/A
.items[].evaluation.ttl	Indicator/Vulnerability	Time to live (seconds)	.items[].datePublished	30	N/A
.items[].title	Indicator/ Vulnerability.Value	N/A	.items[].datePublished	CVE-2017-11197	N/A
.items[].description	Indicator/ Vulnerability.Description	N/A	.items[].datePublished	In CyberArk Viewfinity 5.5.10.95 and 6.x before 6.1.1.220, a low privilege user can escalate to an administrative	N/A
.items[].bulletinFamily	Indicator/ Vulnerability.Attribute	Bulletin Family	.items[].datePublished	NVD	N/A
.items[].cvss.score	Indicator/ Vulnerability.Attribute	CVSS Score	.items[].datePublished	3.3	N/A
.items[].cvss.vector	Indicator/ Vulnerability.Attribute	CVSS Vector	.items[].datePublished	II:P/RC:UR/AC:L/AU:M/AV:N/ E:ND/CI:N/AI:N/RL:ND	N/A
.items[].extCvss.base	Indicator/ Vulnerability.Attribute	CVSS Base Score	.items[].datePublished	2.4	N/A
.items[].extCvss.environmental	Indicator/ Vulnerability.Attribute	CVSS Environmental Score	.items[].datePublished	0	N/A
.items[].extCvss.exploitability	Indicator/ Vulnerability.Attribute	CVSS Exploitability Subscore	.items[].datePublished	1.0	N/A
.items[].extCvss.impact	Indicator/ Vulnerability.Attribute	CVSS Impact Subscore	.items[].datePublished	1.5	N/A
.items[].extCvss.mImpact	Indicator/ Vulnerability.Attribute	CVSS Modified Impact Subscore	.items[].datePublished	0.0	N/A
.items[].extCvss.overall	Indicator/ Vulnerability.Attribute	CVSS Overall Score	.items[].datePublished	2.4	N/A
.items[].extCvss.temporal	Indicator/ Vulnerability.Attribute	CVSS Temporal Score	.items[].datePublished	2.4	N/A
.items[].exploitCount	Indicator/ Vulnerability.Attribute	Exploit count	.items[].datePublished	1	N/A
.items[].exploitList[].href	Indicator/ Vulnerability.Attribute	Exploit URL	.items[].datePublished	https://www.exploit-db.com/ exploits/42319	N/A
.items[].exploitList[].provider	Indicator/ Vulnerability.Attribute	Exploit Provider	.items[].datePublished	vulners.com	N/A
.items[].exploitList[].reporter	Indicator/ Vulnerability.Attribute	Exploit Reporter	.items[].datePublished	Exploit-DB	N/A
.items[].exploitList[].title	Indicator/ Vulnerability.Attribute	Exploit Title	.items[].datePublished	CyberArk Viewfinity 5.5.10.95 - Local Privilege Escalation	N/A
.items[].exploitList[].type	Indicator/ Vulnerability.Attribute	Exploit Type	.items[].datePublished	exploitdb	N/A

FEED DATA PATH	THREATQ ENTITY	THREATQ OBJECT TYPE OR ATTRIBUTE KEY	PUBLISHED DATE	EXAMPLES	NOTES
.items[].href	Indicator/ Vulnerability.Attribute	Vulnerability Details URL	.items[].datePublished	https://web.nvd.nist.gov/view/vuln/detail?vulnId=CVE-2017-11197	N/A
.items[].portalLink	Indicator/ Vulnerability.Attribute	Portal Link	.items[].datePublished	https://tap.group-ib.com/osi/vulnerabilities?searchValue=id:CVE-2017-11197	N/A
.items[].provider	Indicator/ Vulnerability.Attribute	Provider	.items[].datePublished	vulners.com	N/A
.items[].softwareMixed	Indicator/ Vulnerability.Attribute	Software	.items[].datePublished	software cisco small business ip phones version: any	Concatenate softwareType, softwareName and softwareVersion
.items[].reporter	Related Identity.Value	N/A	.items[].datePublished	cve@mitre.org	N/A

GroupIB Attacks Phishing

The GroupIB Attacks Phishing feed ingests Indicator objects.

```
GET https://tap.group-ib.com/api/v2/attacks/phishing
```

Sample Response:


```
{
"resultId": "6138aa5622203a71b8c8fa07d9d3e79aef7ccde4",
"count": 12,
"items": [
    {
        "dateBlocked": "2019-03-21T05:53:05+00:00",
        "dateDetected": "2019-03-20T08:46:36+00:00",
        "evaluation": {
            "admiraltyCode": "A2",
            "credibility": 80,
            "reliability": 90,
            "severity": "red",
            "tlp": "amber",
            "ttl": 30
        },
        "history": [
            {
                "date": "2019-03-20T08:47:54+00:00",
                "field": "Detected",
                "reason": null,
                "reporter": "Group-IB Intelligence",
                "value": "In response"
            },
            {
                "date": "2019-03-21T07:46:51+00:00",
                "field": "Status has been changed",
                "reason": null,
                "reporter": "Group-IB Intelligence",
                "value": "In response"
            }
        ],
        "id": "fb2c54adc40a6cc1dbe5ad9771c9787db4fabb64",
        "ipv4": {
            "asn": "AS43260",
            "city": null,
            "countryCode": "CY",
            "countryName": "Cyprus",
            "ip": "185.71.216.171",
            "provider": null,
            "region": "AS"
        },
        "isFavourite": false,
        "isHidden": false,
        "objective": "Card harvest",
        "oldId": "1331",
        "phishingDomain": {
            "domain": "kdrbilisim.com",
            "local": "kdrbilisim.com",
```

```
            "dateRegistered": "2012-09-09 13:03:26",
            "title": "ANKARA BİLGİSAYAR TEKNİK SERVİS 0312 226 50 40 | 0312 226 50 40",
            "registrar": "PDR Ltd. d/b/a PublicDomainRegistry.com"
        },
        "portalLink": "https://tap-demo.group-ib.com/attacks/phishing?
searchValue=id:fb2c54adc40a6cc1dbe5ad9771c9787db4fabb64",
        "seqUpdate": 1553180722582,
        "status": "In response",
        "targetBrand": "Bank of America",
        "targetCategory": "Finance & Investment",
        "targetCountryName": null,
        "targetDomain": "bankofamerica.com",
        "type": "Phishing",
        "url": "https://www.kdrbilisim.com/Boa"
    }
  ]
}
```


ThreatQ provides the following default mapping for these feeds:

FEED DATA PATH	THREATQ ENTITY	THREATQ OBJECT TYPE OR ATTRIBUTE KEY	PUBLISHED DATE	EXAMPLES
.items[].evaluation.admiraltyCode	Indicator.Attribute	Admiralty Code	.items[].dateDetected	A2
.items[].evaluation.credibility	Indicator.Attribute	Credibility	.items[].dateDetected	80
.items[].evaluation.reliability	Indicator.Attribute	Reliability	.items[].dateDetected	90
.items[].evaluation.severity	Indicator.Attribute	Severity	.items[].dateDetected	red
.items[].evaluation.tlp	Indicator.TLP / Related Object.TLP	Traffic Light Protocol	.items[].dateDetected	amber
.items[].evaluation.ttl	Indicator.Attribute	Time to live (seconds)	.items[].dateDetected	30
.items[].ipv4.asn	Related Indicator.Attribute	ASN	.items[].dateDetected	AS43260
.items[].ipv4.city	Related Indicator.Attribute	City	.items[].dateDetected	N/A
.items[].ipv4.countryCode	Related Indicator.Attribute	Country Code	.items[].dateDetected	CY
.items[].ipv4.countryName	Related Indicator.Attribute	Country Name	.items[].dateDetected	Cyprus
.items[].ipv4.ip	Related Indicator.Value	IP Address	.items[].dateDetected	185.71.216.171
.items[].ipv4.provider	Related Indicator.Attribute	Provider	.items[].dateDetected	N/A
.items[].ipv4.region	Related Indicator.Attribute	Region	.items[].dateDetected	AS
.items[].objective	Indicator.Attribute	Objective	.items[].dateDetected	Card harvest
.items[].phishingDomain.domain	Indicator.Value	FQDN	.items[].phishingDomain.dateRegistered	kdrbilisim.com
.items[].phishingDomain.local	Indicator.Attribute	Local	.items[].phishingDomain.dateRegistered	kdrbilisim.com
.items[].phishingDomain.title	Indicator.Attribute	Title	.items[].phishingDomain.dateRegistered	ANKARA BİLGİSAYAR TEKNİK SERVİS 0312 226 50 40 0312 226 50 40

FEED DATA PATH	THREATQ ENTITY	THREATQ OBJECT TYPE OR ATTRIBUTE KEY	PUBLISHED DATE	EXAMPLES
.items[].phishingDomain.registrar	Indicator.Attribute	Registrar	.items[].phishingDomain.dateRegistered	PDR Ltd. d/b/a PublicDomainRegistry.com
.items[].status	Indicator.Attribute	Status	.items[].dateDetected	In response
.items[].targetBrand	Indicator.Attribute	Target Brand	.items[].dateDetected	Bank of America
.items[].targetCategory	Indicator.Attribute	Target Category	.items[].dateDetected	Finance & Investment
.items[].targetCountryName	Indicator.Attribute	Target Country	.items[].dateDetected	N/A
.items[].targetDomain	Indicator.Attribute	Target Domain	.items[].dateDetected	bankofamerica.com
.items[].type	Indicator.Attribute	Type	.items[].dateDetected	Phishing
.items[].url	Related Indicator.Value	URL	.items[].dateDetected	https://www.kdrbilisim.com/Boa

GroupIB Attacks Phishing Group

The GroupIB Attacks Phishing Group feed ingests Indicator objects and related Adversary.

`GET https://tap.group-ib.com/api/v2/attacks/phishing_group`

Sample Response:


```
{
  "resultId": "73565d8649a6cd5e57555695347cc94075ada805",
  "count": 5,
  "items": [
    {
      "brand": "Meta",
      "countPhishing": 2,
      "date": {
        "added": "2023-03-28T00:02:32+04:00",
        "blocked": null,
        "detected": "2023-03-28T00:02:32+04:00",
        "updated": "2023-03-28T00:06:19+04:00"
      },
      "displayOptions": {
        "isFavourite": false,
        "isHidden": false
      },
      "domain": "traderspirits.io",
      "domainInfo": {
        "domain": "traderspirits.io",
        "domainPuny": "traderspirits.io",
        "expirationDate": "2023-07-04T14:58:08+00:00",
        "registered": "2022-07-04T14:58:08+00:00",
        "registrar": "GoDaddy.com, LLC",
        "tld": "io"
      },
      "domainTitle": "Utility & Community based NFT collection. Buy & Sell on Eth Blockchain",
      "evaluation": {
        "admiraltyCode": "C3",
        "credibility": 50,
        "reliability": 50,
        "severity": "red",
        "tlp": "amber",
        "ttl": 30
      },
      "falsePositive": false,
      "groupLifetime": 44204,
      "id": "a80456e50a43c17391cee4328da63908628ac6a7d82348717da379069f0d88c1",
      "ip": [
        {
          "asn": "AS43260",
          "city": "Miami",
          "countryCode": "US",
          "countryName": "United States",
          "ip": "74.208.34.89",
          "provider": "1&1 Internet AG",
          "region": null
        }
```

```
      ],
      "objective": [
        "Login harvest"
      ],
      "phishingKitArray": [],
      "screenshot": {
        "pageHtml": {
          "fileHashMd5": "a28d22149f080eb037b2b3eb66631358",
          "filename": "phishing_screen/c9975a1cd65becbfb3b10c9d05e39ee9970a32b13d8d88f72fed4b3122b82dfa",
          "filetype": "pageHtml",
          "hashSha256": "c9975a1cd65becbfb3b10c9d05e39ee9970a32b13d8d88f72fed4b3122b82dfa",
          "mime": "text/html"
        },
        "pageScreen": {
          "fileHashMd5": "ce04341e8047b76f0479027a18d84891",
          "filename": "phishing_screen/7e15cd3290770ad218b8256b5875f14563c48feee8ccd3c8dd6d3645831e3042",
          "filetype": "pageScreen",
          "hashSha256": "7e15cd3290770ad218b8256b5875f14563c48feee8ccd3c8dd6d3645831e3042",
          "mime": "image/jpeg"
        }
      },
      "seqUpdate": 1679947579307293,
      "signature": {
        "manual": [],
        "resource": [
          "b0cc6de8186b85f20db454ee0f01bf528009269c060d890857a5bd96c20af15d"
        ],
        "screen": []
      },
      "source": [
        "urlscan"
      ],
      "status": 7,
      "threatActor": {
        "country": null,
        "id": null,
        "isAPT": false,
        "name": ""
      },
      "uniqueTitles": [
        {
          "faviconHashes": {
            "md5": null,
            "sha1": null,
            "sha256": null
          },
          "title": "Utility & Community based NFT collection."
        }
      ],
      "urlListLink": "https://tap.group-ib.com/api/v2/attacks/phishing_group/
a80456e50a43c17391cee4328da63908628ac6a7d82348717da379069f0d88c1/action/url_list",
      "whitelist": false
    }
  ]
}
```


ThreatQ provides the following default mapping for this feed:

FEED DATA PATH	THREATQ ENTITY	THREATQ OBJECT TYPE OR ATTRIBUTE KEY	PUBLISHED DATE	EXAMPLES	NOTES
.items[].evaluation.admiraltyCode	Indicator.Attribute	Admiralty Code	.items[].date.detected	C3	N/A
.items[].evaluation.credibility	Indicator.Attribute	Credibility	.items[].date.detected	50	N/A
.items[].evaluation.reliability	Indicator.Attribute	Reliability	.items[].date.detected	50	N/A
.items[].evaluation.severity	Indicator.Attribute	Severity	.items[].date.detected	red	N/A
.items[].evaluation.tlp	Indicator.TLP / Related Objects.TLP	N/A	.items[].date.detected	amber	N/A
.items[].evaluation.ttl	Indicator.Attribute	Time to live (seconds)	.items[].date.detected	30	N/A
.items[].ip.asn	Related Indicator.Attribute	ASN	.items[].date.detected	AS43260	N/A
.items[].ip.city	Related Indicator.Attribute	City	.items[].date.detected	Miami	N/A
.items[].ip.countryCode	Related Indicator.Attribute	Country Code	.items[].date.detected	US	N/A
.items[].ip.countryName	Related Indicator.Attribute	Country Name	.items[].date.detected	United States	N/A
.items[].ip.ip	Related Indicator.Value	IP Address	.items[].date.detected	74.208.34.89	N/A
.items[].ip.provider	Related Indicator.Attribute	Provider	.items[].date.detected	1&1 Internet AG	N/A
.items[].ip.region	Related Indicator.Attribute	Region	.items[].date.detected	N/A	N/A
.items[].objective	Indicator.Attribute	Objective	.items[].date.detected	Login harvest	N/A
.items[].domainTitle	Indicator.Attribute	Domain Title	.items[].date.detected	Utility & Community based NFT collection.	N/A
.items[].brand	Indicator.Attribute	Brand	.items[].date.detected	Meta	N/A
.items[].countPhishing	Indicator.Attribute	Count Phishing	.items[].date.detected	2	N/A
.items[].domainInfo. registered	Indicator.Attribute	Register Date	.items[].date.detected	2022-07-04 14:58:08+00:00	N/A
.items[].domainInfo. expirationDate	Indicator.Attribute	Expiration Date	.items[].date.detected	2023-07-04 14:58:08+00:00	N/A
.items[].domainInfo.registrar	Indicator.Attribute	Registrar	.items[].date.detected	GoDaddy.com, LLC	N/A
.items[].domainInfo.tld	Indicator.Attribute	Top-level domain	.items[].date.detected	io	N/A
.items[].source	Indicator.Attribute	Source	.items[].date.detected	urlscan	N/A
.items[].domain	Indicator.Value	FQDN	.items[].date.detected	traderspirits.io	N/A
.items[].threatActor.name	Related Adversary.Name	N/A	.items[].date.detected	N/A	N/A
.items[].threatActor.country	Related Adversary.Attribute	Country	.items[].date.detected	N/A	N/A

GroupIB Attack Phishing Kit

The GroupIP Attack Phishing Phishing Kit feed ingests Indicator objects.

```
GET https://tap.group-ib.com/api/v2/attacks/phishing_kit
```

Sample Response:


```
{
  "resultId": "b9a3b9dcea35e844cf57dc1b2c0972ba888452eb",
  "count": 12,
  "items": [
    {
      "dateDetected": "2019-03-21T18:00:40+00:00",
      "dateFirstSeen": "2019-03-21T18:00:40+00:00",
      "dateLastSeen": "2019-03-21T18:02:53+00:00",
      "downloadedFrom": [],
      "emails": [
        "jimjag@gmail.com",
        "codeworxtech@users.source",
        "coolbru@users.source",
        "mail@info.com",
        "mr.nix008@gmail.com",
        "wezza.marley@gmail.com",
        "mr.nix008@yandex.com"
      ],
      "evaluation": {
        "admiraltyCode": "A1",
        "credibility": 90,
        "reliability": 90,
        "severity": "red",
        "tlp": "amber",
        "ttl": 30
      },
      "hash": "6b27ae3d9fee257551d4c480360fd762",
      "id": "4ce31920791df53309a168117825452bc58b9264",
      "isFavourite": false,
      "isHidden": false,
      "oldId": "1359",
      "path": "https://tap.group-ib.com/api/api/v2/web/attacks/phishing_kit/4ce31920791df53309a168117825452bc58b9264/
file/331af2756ec4b1297aa14ff38bf40c7a18f4fcb8899b1804b4dee6bb8d1c91f2",
      "portalLink": "https://bt-demo.group-ib.com/brand/phishing_kit?
searchValue=id:4ce31920791df53309a168117825452bc58b9264",
      "seqUpdate": 1553191374631,
      "targetBrand": [
        "Bank of America"
      ],
      "tsFirstSeen": null,
      "tsLastSeen": null,
      "variables": null
    }
  ]
}
```


ThreatQ provides the following default mapping for this feed:

FEED DATA PATH	THREATQ ENTITY	THREATQ OBJECT TYPE OR ATTRIBUTE KEY	PUBLISHED DATE	EXAMPLES	NOTES
.items[].emails[]	Related Indicator.Value	Email Address	items[].dateDetected	jimjag@gmail.com	N/A
.items[].evaluation.admiraltyCode	Indicator.Attribute	Admiralty Code	items[].dateDetected	A1	N/A
.items[].evaluation.credibility	Indicator.Attribute	Credibility	items[].dateDetected	90	N/A
.items[].evaluation.reliability	Indicator.Attribute	Reliability	items[].dateDetected	90	N/A
.items[].evaluation.severity	Indicator.Attribute	Severity	items[].dateDetected	red	N/A
.items[].evaluation.tlp	Indicator.TLP / Related Objects.TLP	N/A	items[].dateDetected	amber	N/A
.items[].evaluation.ttl	Indicator.Attribute	Time to live (seconds)	items[].dateDetected	30	N/A
.items[].hash	Indicator.Value	MD5	items[].dateDetected	6b27ae3d9fee257551d4c480360fd762	N/A
.items[].targetBrand[]	Indicator.Attribute	Target Brand	items[].dateDetected	Bank of America	N/A

GroupIB OSI PublicLeak

The GroupIB OSI PublicLeak feed ingests Indicator objects.

```
GET https://tap.group-ib.com/api/v2/bp/phishing_kit
```

Sample Response:


```
{
  "resultId": "f727facffbe82e3946384cbaf71332a092161a73",
  "count": 18138702,
  "items": [
    {
      "bind": [],
      "created": "2021-09-27T12:47:16+03:00",
      "data": "<!--/**\n * GeSHi (C) 2004 - 2007 Nigel McNie, 2007 - 2008 Benny Baumann\n * (http://qbnz.com/
highlighter/ and http://geshi.org/)\n */\n.java  {font-family:monospace;color: #000066;}\n.java a:link {color:
#000060;}\n.java a:hover {background-color: #f0f000;}\n.java .head {font-family: Verdana, Arial, sans-serif; color:
#808080; font-size: 70%; font-weight: bold;  padding: 2px;}\n.java .imp {font-weight: bold; color: red;}\n.java .kw1
{color: #000000; font-weight: bold;}\n.java .kw2 {color: #000066; font-weight: bold;}\n.java .kw3 {color:
#003399;}\n.java .kw4 {color: #000066; font-weight: bold;}\n.java .co1 {color: #666666; font-style: italic;}
\n.java .co2 {color: #006699;}\n.java .co3 {color: #008000; font-style: italic; font-weight: bold;}\n.java .coMULTI
{color: #666666; font-style: italic;}\n.java .es0 {color: #000099; font-weight: bold;}\n.java .br0 {color:
#009900;}\n.java .sy0 {color: #339933;}\n.java .st0 {color: #0000ff;}\n.java .nu0 {color: #cc66cc;}\n.java .me1
{color: #006633;}\n.java .me2 {color: #006633;}\n.java span.xtra { display:block; }\n.ln, .ln{ vertical-align: top; }
\n.coMULTI, .java span{ line-height:13px !important;}\n-->/* package whatever; // don't place package name! */\n
\nimport java.util.*;\nimport java.lang.*;\nimport java.io.*;\n \n/* Name of the class has to be \"Main\" only if the
class is public. */\nclass Ideone\n{\n\tpublic static void main (<a href=\"http://www.google.com/search?
hl=en&q=allinurl%3Adocs.oracle.com+javase+docs+api+string\">String</a>[] args) throws java.lang.<a href=\"http://
www.google.com/search?hl=en&q=allinurl%3Adocs.oracle.com+javase+docs+api+exception\">Exception</a>\n\t{\n\t\t<a
href=\"http://www.google.com/search?hl=en&q=allinurl%3Adocs.oracle.com+javase+docs+api+system\">System</
a>.out.println(\"A13V1IB3VIYZZH\".length());\n\t}\n}",
      "displayOptions": null,
      "evaluation": {
        "admiraltyCode": "C3",
        "credibility": 50,
        "reliability": 50,
        "severity": "green",
        "tlp": "amber",
        "ttl": 30
      },
      "hash": "db0cd0519335470b6ae614ccbe65ef358b93b349",
      "id": "db0cd0519335470b6ae614ccbe65ef358b93b349",
      "language": "",
      "linkList": [
        {
          "author": "",
          "dateDetected": "2021-09-27T12:47:16+03:00",
          "datePublished": "2021-09-27T11:46:51+03:00",
          "hash": "60df36b3bf7abcb5e540e68fc3193cecb724814e",
          "itemSource": "link",
          "link": "http://ideone.com/4XU0fh",
          "sequenceUpdate": null,
          "size": 1767,
          "source": "ideone.com",
          "status": 1,
```

```
        "title": ""
      }
    ],
    "matches": {
              "email": {
                  "email": [
                      "somesampleemail@mail.ru"
                  ]
              }
          },
    "oldId": null,
    "portalLink": "https://tap.group-ib.com/osi/public_leak?
searchValue=id:db0cd0519335470b6ae614ccbe65ef358b93b349",
    "seqUpdate": 1632736036790689,
    "size": "1,73 KB",
    "updated": "2021-09-27T12:47:16+03:00",
    "useful": 1
  }
 ]
}
```


ThreatQ provides the following default mapping for these feeds:

FEED DATA PATH	THREATQ ENTITY	THREATQ OBJECT TYPE OR ATTRIBUTE KEY	PUBLISHED DATE	EXAMPLES
.items[].bind[].key	Related Indicator.Value	FQDN	.items[].created	mail.ru
.items[].bind[].ruleValue	Related Indicator.Value	FQDN	.items[].created	mail.ru
.items[].bind[].type	Related Indicator.Attribute	Type	.items[].created	domains
.items[].data	Indicator.Description	N/A	.items[].created	["VehicleUsagePeriods": [["endDa
.items[].evaluation.admiraltyCode	Indicator.Attribute	Admiralty Code	.items[].created	C3
.items[].evaluation.credibility	Indicator.Attribute	Credibility	.items[].created	50
.items[].evaluation.reliability	Indicator.Attribute	Reliability	.items[].created	50
.items[].evaluation.severity	Indicator.Attribute	Severity	.items[].created	orange
.items[].evaluation.tlp	Indicator.TLP / Related Objects.TLP	N/A	.items[].created	amber
.items[].evaluation.ttl	Indicator.Attribute	Time to live (seconds)	.items[].created	30
.items[].hash	Indicator.Value	SHA-1	.items[].created	9ea9e8f70f76b774ebbff a58869275a78d1031e4
.items[].language	Indicator.Attribute	Language	.items[].created	json
.items[].linkList[].hash	Related Indicator.Value	SHA-1	.items[].created	68664b9e631ff8d352476 45fad364775f0ce4073
.items[].linkList[].itemSource	Related Indicator.Attribute	Source	.items[].created	api
.items[].linkList[].link	Related Indicator.Value	URL	.items[].created	https://pastebin.com/ FCuAjGC5
.items[].linkList[].size	Related Indicator.Attribute	Size	.items[].created	1316
.items[].linkList[].source	Related Indicator.Value	FQDN	.items[].created	pastebin.com
.items[].matches.email.email[]	Related Indicator.Value	Email Address	.items[].created	somesampleemail@mail.ru

FEED DATA PATH	THREATQ ENTITY	THREATQ OBJECT TYPE OR ATTRIBUTE KEY	PUBLISHED DATE	EXAMPLES
.items[].size	Indicator.Attribute	Size	.items[].created	1,29 KB

GroupIB IOC Common

The GroupIB IOC Common feed ingests Indicators and Malware.

```
GET https://tap.group-ib.com/api/v2/ioc/common
```

Sample Response:


```
{
  "resultId": "fcfc8d0768745fbadc5e51087f46e1cc36d504ff",
  "count": 46781,
  "items": [
    {
      "id": "9518c854e6c1f59fd12089cfe9ed078a22977dc0",
      "type": "file",
      "dateFirstSeen": "2023-04-02T00:00:00+03:00",
      "dateLastSeen": "2023-04-02T00:00:00+03:00",
      "seqUpdate": 16803953345526,
      "hash": [
        "4adf0249073c4e0d022823ee61ce002c",
        "1e37ae9a6d1ad9767b1510ceac2074764667d9bf",
        "cc6cefaacbdce7b595169106f2109afeabf6b24c732566352616202f2010d689"
      ],
      "malwareList": [
        {
          "name": "DCRat",
          "aliases": [
            "DarkCrystal"
          ]
        }
      ],
      "threatList": null
    }
  ]
}
```


ThreatQ provides the following default mapping for this feed:

FEED DATA PATH	THREATQ ENTITY	THREATQ OBJECT TYPE OR ATTRIBUTE KEY	PUBLISHED DATE	EXAMPLES	NOTES
.items[].hash[]	Indicator.Value	MD5/SHA-1/ SHA-256	.items[].dateFirstSeen	'4adf0249073c4e0d022823ee61ce002c'	The type of the indicator is determined by its length
.items[].type	Indicator.Attribute	Type	.items[].dateFirstSeen	'file'	N/A
.items[].dateFirstSeen	Indicator.Attribute	Date First Seen	.items[].dateFirstSeen	'2023-04-02 00:00:00+03:00'	N/A
.items[].malwareList[].name	Related Malware.Value	N/A	.items[].dateFirstSeen	'DCRat'	N/A

FEED DATA PATH	THREATQ ENTITY	THREATQ OBJECT TYPE OR ATTRIBUTE KEY	PUBLISHED DATE	EXAMPLES	NOTES
.items[].malwareList.aliases[]	Related Malware.Tags	N/A	.items[].dateFirstSeen	'DarkCrystal'	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.

GroupIB Compromised Data Mules

METRIC	RESULT
Run Time	3 minutes
Adversaries	3
Adversary Attributes	3
Indicators	7
Indicator Attributes	12
Malware	2
Malware Attributes	2
Money Mule	500
Money Mule Attributes	5,504
Organization	9

GroupIB Compromised Data IMEI

METRIC	RESULT
Run Time	1 minute
Adversaries	1
Adversary Attributes	1
IMEI	397
IMEI Attributes	4,006
Indicators	63
Indicator Attributes	286
Malware	3
Malware Attributes	3

GroupIB Compromised Data Shops

METRIC	RESULT
Run Time	1 minute
Indicators	3
Indicator Attributes	10
Malware	1

GroupIB APT Threat Actors

METRIC	RESULT
Run Time	1 minute
Adversaries	52
Adversary Attributes	2,978
Indicators	86
Indicator Attributes	258
Intrusion Set	112

GroupIB Human Malware C2

METRIC	RESULT
Run Time	1 minute
Adversaries	19
Indicators	439
Indicator Attributes	152
Malware	18

GroupIB Human Intelligence Threat Actor

METRIC	RESULT
Run Time	1 minute
Adversaries	52
Adversary Attributes	2978
Indicators	86
Indicator Attributes	258
Intrusion Set	112

GroupIB Malware Configs

METRIC	RESULT
Run Time	1 minute
Indicators	860
Indicator Attributes	767
Malware	21

GroupIB Suspicious IP Tor Node

METRIC	RESULT
Run Time	5 minutes
Indicators	500
Indicator Attributes	7,884

GroupIB Suspicious IP Scanners

METRIC	RESULT
Run Time	1 minute
Indicators	100
Indicator Attributes	1,092

GroupIB Suspicious IP VPN

METRIC	RESULT
Run Time	1 minute
Indicators	100
Indicator Attributes	700

GroupIB Attacks DDoS

METRIC	RESULT
Run Time	1 minute
Indicators	84
Indicator Attributes	1,158

GroupIB Attacks Deface

METRIC	RESULT
Run Time	1 minute
Indicators	232
Indicator Attributes	1075
Adversaries	11
Adversary Attributes	155

GroupIB Malware Targeted Malware

METRIC	RESULT
Run Time	1 minute
Indicators	1
Malware	1
Malware Attributes	7

GroupIB Malware Report

METRIC	RESULT
Run Time	1 minute
Indicators	213
Indicator Attributes	213
Malware	38
Malware Attributes	309
Adversaries	16

GroupIB Malware Signature

METRIC	RESULT
Run Time	1 minute
Events	100
Event Attributes	100
Malware	2

GroupIB Malware Vulnerability

METRIC	RESULT
Run Time	2 minutes
Indicators	97
Indicator Attributes	1,264
Vulnerabilities	3
Vulnerability Attributes	31
Identities	13
Identity Attributes	7

GroupIB Attacks Phishing

METRIC	RESULT
Run Time	1 minute
Indicators	17
Indicator Attributes	87

GroupIB Attacks Phishing Group

METRIC	RESULT
Run Time	1 minute
Indicators	51
Indicator Attributes	72

GroupIB OSI PublicLeak

METRIC	RESULT
Run Time	1 minute
Indicators	285
Indicator Attributes	1,063

GroupIB IOC Common

METRIC	RESULT
Run Time	1 minute
Indicators	300
Indicator Attributes	600
Malware	10

Known Issues / Limitations

- The maximum allowable range is 30 consecutive days. If a larger date range is selected, the feed will change the end date to start date plus 30 days.

Change Log

- **Version 3.3.0**
  - Added the following feeds:
    - GroupIB Compromised Data Shops
    - GroupIB Malware Configs
    - GroupIB Suspicious IP VPN
    - GroupIB Suspicious IP Scanners
    - GroupIB Attacks Deface
    - GroupIB Malware Report
    - GroupIB Malware Signature
    - GroupIB Malware YARA Rule
    - GroupIB Vulnerability
    - GroupIB Attacks Phishing Group
    - GroupIB Attacks Abuse Phishing Kit
    - GroupIB IOC Common
  - Removed the following feeds:
    - GroupIB Brand Abuse Phishing
    - GroupIB Brand Abuse Phishing Kit
    - GroupIB Compromised Data Darkweb
    - GroupIB Compromised Account
    - GroupIB Compromised Card
  - Added pagination.
  - Added support for Start and End date parameters. See the Known Issues / Limitations chapter for more details.
- **Version 3.2.0**
  - Updated the integration to use the new Group-IB endpoints, `tap.group.ib.com`. The previous endpoints, `bt.group-ib.com`, have been deprecated.
  - Removed deprecated endpoint: GroupIB Compromised Data Files.
- **Version 3.1.0**
  - GroupIB APT Threat Actor and Human Intelligence Threat Actors will now ingest data from the feed as Intrusion Sets opposed to Reports.

  - New attributes, Compromised Data and Source Link, have been added to the following feeds: GroupIBCompromised Account, Compromised Card, Compromised Data Files.

- **Version 3.0.0 rev-b**
  - Guide Update - Updated the custom object installation instructions in the Prerequisites chapter.
- **Version 3.0.0**
  - Added new endpoints to the CDF:
    - GroupIB Compromised Data Darkweb
    - GroupIB OSI PublicLeak
    - GroupIB Compromised Data Files
    - GroupIB Brand Abuse Phishing
    - GroupIB Brand Abuse Phishing Kit
- **Version 2.1.0**
  - Added new endpoints to the CDF. These new endpoints require the installation of additional custom objects: Compromised Account and Compromised Card. See the Prerequisites section for more details.
- **Version 2.0.0**
  - Initial release