

ThreatQuotient



Group-IB CDF Guide

Version 3.1.0

November 29, 2022

ThreatQuotient

20130 Lakeview Center Plaza Suite 400
Ashburn, VA 20147



ThreatQ Supported

Support

Email: support@threatq.com

Web: support.threatq.com

Phone: 703.574.9893

Contents

Integration Details	5
Introduction	6
Prerequisites	7
Custom Objects Installation	7
Installation	10
Configuration	11
ThreatQ Mapping	13
GroupIB Compromised Data Mules	13
GroupIB Compromised Data IMEI	17
GroupIB Human Intelligence Threat and GroupIB APT Threat	20
GroupIB Human Intelligence Threat Actor and GroupIB APT Threat Actor	28
GroupIB Malware C2	35
GroupIB Suspicious IP Tor Node, GroupIB Suspicious IP Open Proxy and GroupIB Suspicious IP Socks Proxy	38
GroupIB Compromised Account.....	40
GroupIB Compromised Card.....	43
GroupIB Attacks DDoS.....	48
GroupIB Malware Targeted Malware	51
GroupIB Attacks Phishing	52
GroupIB Compromised Data Darkweb	55
GroupIB Compromised Data Files	56
GroupIB Brand Abuse Phishing	59
GroupIB Brand Abuse Phishing Kit.....	62
GroupIB OSI PublicLeak	63
Average Feed Run.....	66
GroupIB Compromised Data Mules	66
GroupIB Compromised Data IMEI	67
GroupIB APT Threat.....	67
GroupIB Human Malware C2	68
GroupIB Human Intelligence Threat Actor.....	69
GroupIB Compromised Account.....	69
GroupIB Compromised Card.....	70
GroupIB Attacks DDoS.....	70
GroupIB Malware Targeted Malware	70
GroupIB Attacks Phishing	71
GroupIB Compromised Data Darkweb	71
GroupIB Compromised Data Files	72
GroupIB Brand Abuse Phishing	72
GroupIB Brand Abuse Phishing Kit.....	72
GroupIB OSI PublicLeak	73
Change Log.....	74

Warning and Disclaimer

ThreatQuotient, Inc. provides this document “as is”, without representation or warranty of any kind, express or implied, including without limitation any warranty concerning the accuracy, adequacy, or completeness of such information contained herein. ThreatQuotient, Inc. does not assume responsibility for the use or inability to use the software product as a result of providing this information.

Copyright © 2022 ThreatQuotient, Inc.

All rights reserved. This document and the software product it describes are licensed for use under a software license agreement. Reproduction or printing of this document is permitted in accordance with the license agreement.

Support

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

Support Email: support@threatq.com

Support Web: <https://support.threatq.com>

Support Phone: 703.574.9893

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

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



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

Integration Details

ThreatQuotient provides the following details for this integration:

Current Integration Version	3.1.0
-----------------------------	-------

Compatible with ThreatQ Versions	>= 4.45.0
----------------------------------	-----------

Support Tier	ThreatQ Supported
--------------	-------------------

ThreatQ Marketplace	https:// marketplace.threatq.com/ details/group-ib/
---------------------	---

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 Human Intelligence Threat
- GroupIB Human Intelligence Threat Actor
- GroupIB APT Threat
- GroupIB APT Threat Actor
- GroupIB Malware C2
- GroupIB Suspicious IP Tor Node
- GroupIB Suspicious IP Open Proxy
- GroupIB Suspicious IP Socks Proxy
- GroupIB Compromised Account
- GroupIB Compromised Card
- GroupIB Attacks DDoS
- GroupIB Malware Targeted Malware
- GroupIB Attacks Phishing
- GroupIB Compromised Data Darkweb
- GroupIB OSI PublicLeak
- GroupIB Compromised Data Files
- GroupIB Brand Abuse Phishing
- GroupIB Brand Abuse Phishing Kit

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/images/custom_objects/Account.svg'
'/tmp/group-ib/icons/CompromisedCard.svg' -> '/var/www/api/database/seeds/data/icons/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/images/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.

[<](#) **GroupIB APT Threat**



Disabled ☒ Enabled

Uninstall

Additional Information

Integration Type: Feed

Version: 3.0.0

Configuration

Activity Log

Username

Username

API Key

API Key

Save CVE Data As

Select the object type(s) you would like CVEs to be ingested as

☒ Indicators

☐ Vulnerabilities

How frequent should we pull information from this feed? ▼
 Every Day

Set indicator status to... ▼
 Active

☒ Send a notification when this feed encounters issues.

Save

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

ThreatQ Mapping

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://bt.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": "SABRRUMMH1",
      "bicRu": "SABRRUMMH1",
      "bsb": "082489",
      "iban": "BIK044525225/30101810400000000225",
      "name": "SAVINGS BANK OF THE RUSSIAN FEDERATION (SBERBANK)",
      "swift": "SABRRUMMH1"
    },
    "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": "99999999999999",
      "zip": "80654"
    },
    "portalLink": "https://bt.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://bt.group-ib.com/cd/mules?searchValue=id:44bd99f372e2f78ec12513afcb7e006d86392a2'	
.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://bt.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": "891004234814455936F",
        "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://bt.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	'891004234814455936F'	
.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://bt.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 Human Intelligence Threat and GroupIB APT Threat

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

GroupIB Human Intelligence Threat

GET <https://bt.group-ib.com/api/v2/hi/threat>

GroupIB APT Threat

GET <https://bt.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": "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":
"fdbd8e75a67f29f701a4e040385e2e23986303ea10239211af907fcbb83578b3e417cb71ce646efd0819dd8c088de1bd",
        "sha512":
"2c74fd17edafd80e8447b0d46741ee243b7eb74dd2149a0ab1b9246fb30382f27e853d8585719e0e67cbda0daa8f51671064615d645ae27acb15bfb1447f459b",
        "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":
      "fdbd8e75a67f29f701a4e040385e2e23986303ea10239211af907fcbb83578b3e417cb71ce646efd0819dd8c088de1bd",
    "sha512":
      "2c74fd17edafd80e8447b0d46741ee243b7eb74dd2149a0ab1b9246fb30382f27e853d8585719e0e67cbda0daa8f51671064615d645ae27acb15
      bfb1447f459b"
  }
},
{
  "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'	

FEED DATA PATH	THREATQ ENTITY	THREATQ OBJECT TYPE OR ATTRIBUTE KEY	PUBLISHED DATE	EXAMPLES	NOTES
.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'	
.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	'f1724b95fdac1541bb416bffb08b209b8750e23928b5868ec1ce34dad2a740dc0'	

FEED DATA PATH	THREATQ ENTITY	THREATQ OBJECT TYPE OR ATTRIBUTE KEY	PUBLISHED DATE	EXAMPLES	NOTES
.items[].files[].mime	Related Indicator.Attribute	File Mime Type	.items[].createdAt	'image/png'	
.items[].files[].name	Related Indicator.Attribute	File Name	.items[].createdAt	'f1724b95fdac1541bb416b ff08b209b8750e23928b58 68ec1ce34dad2a740dc0'	
.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-nob ody-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'	
.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	'5765fafd258a5a1e87 c0582a67862675'	
.items[].indicators[].params.ssl[].hashes.sha1	Related Indicator.Value	SHA-1	.items[].createdAt	'AB0B22AB421C001462 AF4A9F382DC9284747B 43D'	
.items[].indicators[].params.ssl[].hashes.sha256	Related Indicator.Value	SHA-256	.items[].createdAt	'ca978112ca1bbdcfac23 1b39a23dc4da786eff814 7c4e72b9807785afee48bb'	
.items[].indicators[].params.ssl[].hashes.sha384	Related Indicator.Value	SHA-384	.items[].createdAt	'fdbd8e75a67f29f701a4e 040385e2e23986303ea1 0239211af907fcb83578 b3e417cb71ce646ef081 9dd8c088de1bd'	
.items[].indicators[].params.ssl[].hashes.sha512	Related Indicator.Value	SHA-512	.items[].createdAt	'2c74fd17edaf80e8447b 0d46741ee243b7eb74dd2 149a0ab1b9246fb30382f2 7e853d8585719e0e67cbd a0daa8f51671064615d64 5ae27acb15bfb1447f459b'	
.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'	

FEED DATA PATH	THREATQ ENTITY	THREATQ OBJECT TYPE OR ATTRIBUTE KEY	PUBLISHED DATE	EXAMPLES	NOTES
.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	'0aef64991f9121a244c3f3bf7f5448bb8fb2c858bc0ff26b3b663937af9ef40'	
.items[].indicators[].params.hashes.sha384	Related Indicator.Value	SHA-384	.items[].createdAt	'fdbd8e75a67f29f701a4e040385e2e23986303ea10239211af907fcbb83578b3e417cb71ce646efd0819dd8c088de1bd'	
.items[].indicators[].params.hashes.sha512	Related Indicator.Value	SHA-512	.items[].createdAt	'2c74fd17edafd80e8447b0d46741ee243b7eb74dd2149a0ab1b9246fb30382f27e853d8585719e0e67cbda0daa8f51671064615d645ae27acb15bfb1447f459b'	
.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[].relatedThreatActors[].name	Related Adversary.Name	N/A	.items[].createdAt	'actor'	
.items[].relatedThreatActors[].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://bt.group-ib.com/api/v2/hi/threat_actor

GroupIB APT Threat Actor

GET https://bt.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": "fdbd8e75a67f29f701a4e040385e2e23986303ea10239211af907fcbb83578b3e417cb71ce646efd0819dd8c088de1bd",
        "sha512": "2c74fd17edafd80e8447b0d46741ee243b7eb74dd2149a0ab1b9246fb30382f27e853d8585719e0e67cbda0daa8f5167"
      },
      "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":
"ca978112ca1bbdcaf231b39a23dc4da786eff8147c4e72b9807785afee48bb",
            "sha384":
"fdbd8e75a67f29f701a4e040385e2e23986303ea10239211af907fcbb83578b3e417cb71ce646efd0819dd8c088de1bd",
            "sha512":
"2c74fd17edafd80e8447b0d46741ee243b7eb74dd2149a0ab1b9246fb30382f27e853d8585719e0e67cbda0daa8f5167"
          }
        }
      ],
      "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
.items[].labels[]	Intrusion Set.Attribute	STIX labels	.items[].createdAt	'campaign'	N/A
.items[].langs[]	Intrusion Set.Attribute	Language	.items[].createdAt	'ru'	N/A

FEED DATA PATH	THREATQ ENTITY	THREATQ OBJECT TYPE OR ATTRIBUTE KEY	PUBLISHED DATE	EXAMPLES	NOTES
.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
.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

FEED DATA PATH	THREATQ ENTITY	THREATQ OBJECT TYPE OR ATTRIBUTE KEY	PUBLISHED DATE	EXAMPLES	NOTES
					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	'ca978112ca1bbdcafacc231b39a23dc4da786eff8147c4e72b9807785afee48bb'	N/A
.items[].indicators[].params.ssl[].hashes.sha384	Related Indicator.Value	SHA-384	.items[].createdAt	'fdbd8e75a67f29f701a4e040385e2e23986303ea10239211af907fcb83578b3e417cb71ce646efd0819dd8c088de1bd'	N/A
.items[].indicators[].params.ssl[].hashes.sha512	Related Indicator.Value	SHA-512	.items[].createdAt	'2c74fd17edaf80e8447b0d46741ee243b7eb74dd2149a0ab1b9246fb30382f27e853d8585719e0e67cbda0daa8f51671064615d645ae27acb15bfb1447f459b'	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 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

FEED DATA PATH	THREATQ ENTITY	THREATQ OBJECT TYPE OR ATTRIBUTE KEY	PUBLISHED DATE	EXAMPLES	NOTES
.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	'0aef64991f9121a244c3f3bf7f5448bb8fb2c858bc0ff26b3b663937af9ef40'	N/A
.items[].indicators[].params.hashes.sha384	Related Indicator.Value	SHA-384	.items[].createdAt	'fdbd8e75a67f29f701a4e040385e2e23986303ea10239211af907fcb b83578b3e417cb71ce646efd0819dd8c088de1bd'	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://bt.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.09832121.link",
      "file": [
        {
          "hashes": {
            "md4": "",
            "md5": "5765fafd258a5a1e87c0582a67862675",
            "md6": "",
            "ripemd160": "",
            "sha1": "ba835af7b8aa51797f95223676640be9c81dad9f",
            "sha224": "",
            "sha256": "0aef64991f9121a244c3f3bf7f5448bb8fb2c858bcf0ff26b3b663937af9ef40",
            "sha384": "fdbdb8e75a67f29f701a4e040385e2e23986303ea10239211af907fcbb83578b3e417cb71ce646efd0819dd8c088de1bd",
            "sha512": "2c74fd17edafd80e8447b0d46741ee243b7eb74dd2149a0ab1b9246fb30382f27e853d8585719e0e67cbda0daa8f51671064615d645ae27acb15bfb1447f459b"
          }
        }
      ],
      "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	'fdbd8e75a67f29f701a4e040385e2e23986303ea10239211af907fcb83578b3e417cb71ce646efd0819dd8c088de1bd'	
.items[].file[].hashes.sha512	Related Indicator.Value	SHA-512	.items[].dateDetected	'2c74fd17edafd80e8447b0d46741ee243b7eb74dd2149a0ab1b9246fb30382f27e853d8585719e0e67cbda0daa8f51671064615d645ae27acb15bfb1447f459b'	
.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'	

FEED DATA PATH	THREATQ ENTITY	THREATQ OBJECT TYPE OR ATTRIBUTE KEY	PUBLISHED DATE	EXAMPLES	NOTES
.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 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://bt.group-ib.com/api/v2/suspicious_ip/tor_node

GroupIB Suspicious IP Open Proxy

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

GroupIB Suspicious IP Socks Proxy

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

Sample Response:

```
{
  "resultId": "ce0d600cdfbcbf9671552e201a92e5e4df730a9",
  "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://bt.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'	

FEED DATA PATH	THREATQ ENTITY	THREATQ OBJECT TYPE OR ATTRIBUTE KEY	PUBLISHED DATE	EXAMPLES	NOTES
.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://bt.group-ib.com/suspicious/tor?searchValue=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 Compromised Account

The Group IB Compromised Account feed ingests custom object Compromised Account and any related Indicators, Malware, and Adversaries.

GET <https://bt.group-ib.com/api/v2/compromised/account>

Sample Response:

```
{
  "resultId": "52638d2b8ff60727c93e4476a32d66b09f12ed52",
  "count": 300,
  "items": [
    {
      "botId": null,
      "client": {
        "ipv4": {
          "asn": "AS9797 Nexon Asia Pacific P/L",
          "city": "Canberra",
          "countryCode": "AU",
          "countryName": "Australia",
          "ip": "210.215.170.103",
          "provider": "Nexon Asia Pacific P/L",
          "region": "Australian Capital Territory"
        }
      },
      "cnc": {
        "cnc": "http://113.218.160.19/",
        "domain": "113.218.160.19",
        "ipv4": {
          "asn": "AS4134 No.31,Jin-rong Street",
          "city": "Changsha",
          "countryCode": "CN",
          "countryName": "China",
          "ip": "113.218.160.19",
          "provider": "China Telecom Hunan",
          "region": "Hunan"
        }
      }
    }
  ]
}
```



```

    },
    "ipv6": null,
    "url": "http://113.218.160.19/"
  },
  "dateCompromised": "2020-05-19T12:39:15+00:00",
  "dateDetected": "2020-05-19T12:39:15+00:00",
  "device": null,
  "domain": "test-company-1.com",
  "evaluation": {
    "admiraltyCode": "B3",
    "credibility": 50,
    "reliability": 80,
    "severity": "orange",
    "tlp": "red",
    "ttl": 90
  },
  "id": "4c48fd8197dba2eccc42d56bfbaba7483e497ea7",
  "isFavourite": false,
  "isHidden": false,
  "login": "user511627",
  "malware": {
    "id": "e323de16fc8162e02aad6683b0f48a0e4008cbae",
    "name": "QBot"
  },
  "oldId": "1590",
  "password": "605f3ea202c9",
  "person": {
    "address": null,
    "birthday": null,
    "city": null,
    "countryCode": null,
    "email": null,
    "name": null,
    "passport": null,
    "phone": null,
    "state": null,
    "taxNumber": null,
    "zip": null
  },
  "port": null,
  "portallLink": "https://bt-demo.group-ib.com/cd/accounts?searchValue=id:4c48fd8197dba2eccc42d56bfbaba7483e497ea7",
  "seqUpdate": 1589893516084,
  "sourceLink": "",
  "sourceType": "Phishing",
  "threatActor": {
    "country": null,
    "id": "4fde44244b3ed5f4ced23dc890efacf8aceb306a",
    "isAPT": false,
    "name": "Pontorez"
  }
}
]
}

```

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[].client.ipv4.asn	Related Indicator.Attribute	ASN	.items[].dateDetected	AS9797 Nexon Asia Pacific P/L	
.items[].client.ipv4.city	Related Indicator.Attribute	City	.items[].dateDetected	Canberra	
.items[].client.ipv4.countryCode	Related Indicator.Attribute	Country Code	.items[].dateDetected	AU	
.items[].client.ipv4.countryName	Related Indicator.Attribute	Country Name	.items[].dateDetected	Australia	
.items[].client.ipv4.ip	Related Indicator.Value	IP Address	.items[].dateDetected	210.215.170.103	
.items[].client.ipv4.provider	Related Indicator.Attribute	Provider	.items[].dateDetected	Nexon Asia Pacific P/L	
.items[].client.ipv4.region	Related Indicator.Attribute	Region	.items[].dateDetected	Australian Capital Territory	
.items[].cnc.cnc	Related Indicator.Value	FQDN	.items[].dateDetected	http://113.218.160.19/	
.items[].cnc.domain	Related Indicator.Value	FQDN	.items[].dateDetected	113.218.160.19	
.items[].cnc.ipv4.asn	Related Indicator.Attribute	ASN	.items[].dateDetected	AS4134 No.31 Jin-rong Street	
.items[].cnc.ipv4.city	Related Indicator.Attribute	City	.items[].dateDetected	Changsha	
.items[].cnc.ipv4.countryCode	Related Indicator.Attribute	Country Code	.items[].dateDetected	CN	
.items[].cnc.ipv4.countryName	Related Indicator.Attribute	Country Name	.items[].dateDetected	China	
.items[].cnc.ipv4.ip	Related Indicator.Value	IP Address	.items[].dateDetected	113.218.160.19	
.items[].cnc.ipv4.provider	Related Indicator.Attribute	Provider	.items[].dateDetected	China Telecom Hunan	
.items[].cnc.ipv4.region	Related Indicator.Attribute	Region	.items[].dateDetected	Hunan	
.items[].cnc.ipv6.asn	Related Indicator.Attribute	ASN	.items[].dateDetected	N/A	
.items[].cnc.ipv6.city	Related Indicator.Attribute	City	.items[].dateDetected	N/A	
.items[].cnc.ipv6.countryCode	Related Indicator.Attribute	Country Code	.items[].dateDetected	N/A	
.items[].cnc.ipv6.countryName	Related Indicator.Attribute	Country Name	.items[].dateDetected	N/A	
.items[].cnc.ipv6.ip	Related Indicator.Value	IPv6 Address	.items[].dateDetected	N/A	
.items[].cnc.ipv6.provider	Related Indicator.Attribute	Provider	.items[].dateDetected	N/A	
.items[].cnc.ipv6.region	Related Indicator.Attribute	Region	.items[].dateDetected	N/A	

FEED DATA PATH	THREATQ ENTITY	THREATQ OBJECT TYPE OR ATTRIBUTE KEY	PUBLISHED DATE	EXAMPLES	NOTES
.items[].cnc.url	Related Indicator.Value	URL	.items[].dateDetected	http://113.218.160.19/	
.items[].domain	Related Indicator.Value	FQDN	.items[].dateDetected	test-company-1.com	
.items[].evaluation.admiraltyCode	Account.Attribute	Admiralty Code	.items[].dateDetected	B3	
.items[].evaluation.credibility	Account.Attribute	Credibility	.items[].dateDetected	50	
.items[].evaluation.reliability	Account.Attribute	Reliability	.items[].dateDetected	80	
.items[].evaluation.severity	Account.Attribute	Severity	.items[].dateDetected	orange	
.items[].evaluation.tlp	Account.TLP / Related Objects.TLP	N/A	.items[].dateDetected	red	
.items[].evaluation.ttl	Account.Attribute	Time to live (seconds)	.items[].dateDetected	90	
.items[].malware.name	Related Malware.Value	N/A	.items[].dateDetected	QBot	
.items[].login	Account.Value	N/A	.items[].dateDetected	user511627	The value is composed of 'Account + .items[].login'
.items[].password	Account.Attribute	Password	.items[].dateDetected	605f3ea202c9	
.items[].sourceType	Account.Attribute	Source Type	.items[].dateDetected	Phishing	
.items[].sourceLink	Account.Attribute	Source Link	.items[].dateDetected	https://breached.to/Thread-Selling-CLOUT-WITH-MORE-THAN-970-000-LOGS-JUNE-SEPT-2022	N/A
.items[].dateCompromised	Account.Attribute	Compromised Date	.items[].dateDetected	2020-05-19T12:39:15+00:00	N/A
.items[].threatActor.name	Related Adversary.Name	N/A	.items[].dateDetected	Pontorez	

GroupIB Compromised Card

The GroupIB Compromised Card feed ingests custom object Compromised Card and any related Indicators, and Malware.

GET <https://bt.group-ib.com/api/v2/compromised/card>

Sample Response:

```
{
  "resultId": "e1c62dc66e72e0fb9992183fbf82d5739d927d41",
  "count": 400,
  "items": [
    {
      "baseName": null,
      "cardInfo": {
```

```
"cvv": 946,
"dump": null,
"issuer": {
  "countryCode": "IN",
  "countryName": "INDIA",
  "issuer": "STATE BANK OF INDIA"
},
"number": "4000174114732465",
"system": "VISA",
"type": "CLASSIC",
"validThru": "8/2016"
},
"client": {
  "ipv4": {
    "asn": "AS497 754th Electronic Systems Group",
    "city": "Raleigh",
    "countryCode": "US",
    "countryName": "United States",
    "ip": "56.151.217.119",
    "provider": "United States Postal Service.",
    "region": "North Carolina"
  }
},
"cnc": {
  "cnc": "http://246.119.220.81/",
  "domain": "246.119.220.81",
  "ipv4": {
    "asn": "AS497 754th Electronic Systems Group",
    "city": "Raleigh",
    "countryCode": "US",
    "countryName": "United States",
    "ip": "246.119.220.81",
    "provider": "United States Postal Service",
    "region": "North Carolina"
  },
  "ipv6": null,
  "url": "http://246.119.220.81/"
},
"dateCompromised": "2020-06-05T10:07:26+00:00",
"dateDetected": "2020-06-05T10:07:26+00:00",
"evaluation": {
  "admiraltyCode": "B3",
  "credibility": 50,
  "reliability": 80,
  "severity": "orange",
  "tlp": "red",
  "ttl": 90
},
"externalId": "",
"id": "b3d87b6af5532ee8d41baac000bba2d1c46662c8",
"isFavourite": false,
"isHidden": false,
"isIgnore": false,
"malware": {
  "id": "3e9e68a2f267f45f970ee84ff5dac37d05761f60",
  "name": "Phishing"
},
"oldId": "2308",
"owner": {
  "address": null,
  "birthday": null,
```

```

        "city": null,
        "countryCode": null,
        "email": null,
        "name": null,
        "passport": null,
        "phone": null,
        "state": null,
        "taxNumber": null,
        "zip": null
    },
    "portalLink": "https://bt-demo.group-ib.com/cd/cards?
searchValue=id:b3d87b6af5532ee8d41baac000bba2d1c46662c8",
    "price": {
        "currency": null,
        "value": null
    },
    "seqUpdate": 1591351984817,
    "serviceCode": null,
    "sourceLink": "https://breached.to/Thread-Selling-CLOUT-WITH-MORE-
THAN-970-000-LOGS-JUNE-SEPT-2022",
    "sourceType": "Phishing",
    "threatActor": {
        "country": null,
        "id": "051cbdad0eb17cb52d7b635187a922f97850bfc3",
        "isAPT": false,
        "name": "MegaPony"
    },
    "track": []
}
]
}

```

ThreatQ provides the following default mapping for these feeds:

FEED DATA PATH	THREATQ ENTITY	THREATQ OBJECT TYPE OR ATTRIBUTE KEY	PUBLISHED DATE	EXAMPLES
.items[].cardInfo.cvv	Card.Attribute	Card CVV	.items[].dateDetected 966	N/A
.items[].cardInfo.issuer.countryCode	Card.Attribute	Card Issuer Country Code	.items[].dateDetected IN	N/A
.items[].cardInfo.issuer.countryName	Card.Attribute	Card Issuer Country	.items[].dateDetected INDIA	N/A
.items[].cardInfo.issuer.issuer	Card.Attribute	Card Issuer	.items[].dateDetected STATE BANK OF INDIA	N/A
.items[].cardInfo.number	Card.Value	Card Number	.items[].dateDetected 4000174114732465	N/A
.items[].cardInfo.system	Card.Attribute	Card System	.items[].dateDetected VISA	N/A
.items[].cardInfo.type	Card.Attribute	Card Type	.items[].dateDetected CLASSIC	N/A
.items[].cardInfo.validThru	Card.Attribute	Card Expiration	.items[].dateDetected 8/2016	N/A
.items[].client.ipv4.asn	Related Indicator.Attribute	ASN	.items[].dateDetected AS497 754th Electronic Systems Group	N/A

FEED DATA PATH	THREATQ ENTITY	THREATQ OBJECT TYPE OR ATTRIBUTE KEY	PUBLISHED DATE	EXAMPLES	
.items[].client.ipv4.city	Related Indicator.Attribute	City	.items[].dateDetected	Raleigh	N/A
.items[].client.ipv4.countryCode	Related Indicator.Attribute	Country Code	.items[].dateDetected	US	N/A
.items[].client.ipv4.countryName	Related Indicator.Attribute	Country Name	.items[].dateDetected	United States	N/A
.items[].client.ipv4.ip	Related Indicator.Value	IP Address	.items[].dateDetected	56.151.217.119	N/A
.items[].client.ipv4.provider	Related Indicator.Attribute	Provider	.items[].dateDetected	United States Postal Service	N/A
.items[].client.ipv4.region	Related Indicator.Attribute	Region	.items[].dateDetected	North Carolina	N/A
.items[].cnc.cnc	Related Indicator.Value	FQDN	.items[].dateDetected	http://246.119.220.81/	N/A
.items[].cnc.domain	Related Indicator.Value	FQDN	.items[].dateDetected	246.119.220.81	N/A
.items[].cnc.ipv4.asn	Related Indicator.Attribute	ASN	.items[].dateDetected	AS497 754th Electronic Systems Group	N/A
.items[].cnc.ipv4.city	Related Indicator.Attribute	City	.items[].dateDetected	Raleigh	N/A
.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	United States	N/A
.items[].cnc.ipv4.ip	Related Indicator.Value	IP Address	.items[].dateDetected	246.119.220.81	N/A
.items[].cnc.ipv4.provider	Related Indicator.Attribute	Provider	.items[].dateDetected	United States Postal Service	N/A
.items[].cnc.ipv4.region	Related Indicator.Attribute	Region	.items[].dateDetected	North Carolina	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.ip	Related Indicator.Value	IPv6 Address	.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[].cnc.url	Related Indicator.Value	URL	.items[].dateDetected	http://246.119.220.81/	N/A

FEED DATA PATH	THREATQ ENTITY	THREATQ OBJECT TYPE OR ATTRIBUTE KEY	PUBLISHED DATE	EXAMPLES	
.items[].evaluation.admiraltyCode	Card.Attribute	Admiralty Code	.items[].dateDetected	B3	N/A
.items[].evaluation.credibility	Card.Attribute	Credibility	.items[].dateDetected	50	N/A
.items[].evaluation.reliability	Card.Attribute	Reliability	.items[].dateDetected	80	N/A
.items[].evaluation.severity	Card.Attribute	Severity	.items[].dateDetected	orange	N/A
.items[].evaluation.tlp	Card.TLP / Related Objects.TLP	N/A	.items[].dateDetected	red	N/A
.items[].evaluation.ttl	Card.Attribute	Time to live (seconds)	.items[].dateDetected	90	N/A
.items[].malware.name	Related Malware.Value	N/A	.items[].dateDetected	Trochilus	N/A
.items[].owner.address	Related Identity.Attribute	Address	.items[].dateDetected	N/A	N/A
.items[].owner.birthday	Related Identity.Attribute	Birthday	.items[].dateDetected	N/A	N/A
.items[].owner.city	Related Identity.Attribute	City	.items[].dateDetected	N/A	N/A
.items[].owner.countryCode	Related Identity.Attribute	Country Code	.items[].dateDetected	N/A	N/A
.items[].owner.email	Related Identity.Attribute	Email	.items[].dateDetected	N/A	N/A
.items[].owner.name	Related Identity.Attribute	Name	.items[].dateDetected	N/A	N/A
.items[].owner.passport	Related Identity.Attribute	Passport data	.items[].dateDetected	N/A	N/A
.items[].owner.phone	Related Identity.Attribute	Phone Number	.items[].dateDetected	N/A	N/A
.items[].owner.state	Related Identity.Attribute	State	.items[].dateDetected	N/A	N/A
.items[].owner.taxNumber	Related Identity.Value	N/A	.items[].dateDetected	N/A	N/A
.items[].owner.zip	Related Identity.Attribute	ZIP Code	.items[].dateDetected	N/A	N/A
.items[].sourceType	Card.Attribute	Source Type	.items[].dateDetected	Phishing	N/A
.items[].dateCompromised	Card.Attribute	Compromised Date	.items[].dateDetected	2020-05-19T12:39:15+00:00	N/A
.items[].sourceLink	Card.Attribute	Source Link	.items[].dateDetected	https://breached.to/Thread-Selling	N/A
.items[].threatActor.name	Related Adversary.Name	N/A	.items[].dateDetected	MegaPony	N/A

GroupIB Attacks DDoS

The GroupIB Attacks DDoS feed ingests Indicators objects.

GET <https://bt.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://bt-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://bt.group-ib.com/attacks/ddos?searchValue=id:053e63f81d0e1ebef83b0d3a5cbfebb1a2b28a7	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
.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

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

GroupIB Malware Targeted Malware

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

GET https://bt.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\\\": \\n\\\"gozi\\\", \\n\\\"key\\\": [\\n\\\"10291029JSJUYNHG\\\"\\n], \\n\\\"urls\\\": [\\n\\\"xoblaiseoj.email\\\"\\n], \\n\\\"domains\\\": [\\n\\\"com ru org\\\", \\n\\\"test-company-1.com\\\"\\n], \\n\\\"hex\\\": [\\n\\\"\\\"\\n]}",
      "injectMd5": "067e7db771471182ecab5d7a14ec4c1e",
      "isFavourite": false,
      "isHidden": false,
      "malware": {
        "id": "71362b4e63a086af61ac1fde632be254c761d8f0",
        "name": "GoziLoader"
      },
      "md5": "c9d002ba70208570bfc624309b9413ed",
      "oldId": "1296",
      "portalLink": "https://bt-demo.group-ib.com/targeted_malware/GoziLoader/sample/c3685e16913400be5745e16f895cf13c431275b4/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 Attacks Phishing

The GroupIB Attacks Phishing feed ingests Indicator objects.

GET <https://bt.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://bt-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
.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 Compromised Data Darkweb

The GroupIB Compromised Data Darkweb feed ingests Indicator objects.

GET <https://bt.group-ib.com/api/v2/compromised/reaper>

Sample Response:

```
{
  "resultId": "2ce743885dde121bb04986fef4bd56a82357afcd",
  "count": 10000,
  "items": [
    {
      "display_options": [],
      "domain": "https://cybercarders.su/",
      "evaluation": {
        "admiraltyCode": "C4",
        "credibility": "30",
        "reliability": "30",
        "severity": "green",
        "tlp": "amber",
        "ttl": "10"
      },
      "first_post": false,
      "forum": "carding.team",
      "message_hash": "1e390efe327d0a3680db45b19de7313f",
      "highlight": {
        "topic": [
          "<em>Fraud</em> Bible 2019"
        ]
      },
      "id": "48c960657572642bf49b1057656f5780",
      "lang": [
        "English"
      ],
      "message_len": 11,
      "message": "saint bible",
      "nickname": "focus100_",
      "pictures": [],
      "datetime": "2021-09-27T11:55:00",
      "last_post": null,
      "message_lang": null,
      "clear_message": "saint bible",
      "thread_id": "140118",
      "topic": "Fraud Bible 2019",
      "topic_hash": "4a73c93e97d0672fc86ba11572b659ca",
      "topic_info": null,
      "translation": null,
      "unhide_message": "",
      "upload_time": "2021-09-27T11:57:42",
      "url": "threads/fraud-bible-2019.140118/post-1610695",
      "isFavourite": false,
      "isHidden": false
    }
  ]
}
```

ThreatQ provides the following default mapping for these feeds:

FEED DATA PATH	THREATQ ENTITY	THREATQ OBJECT TYPE OR ATTRIBUTE KEY	PUBLISHED DATE	EXAMPLES
.items[].domain	Indicator.Value	URL	.items[].datetime	https://cybercarders.su/
.items[].evaluation.admiraltyCode	Indicator.Attribute	Admiralty Code	.items[].datetime	C4
.items[].evaluation.credibility	Indicator.Attribute	Credibility	.items[].datetime	30
.items[].evaluation.reliability	Indicator.Attribute	Reliability	.items[].datetime	30
.items[].evaluation.severity	Indicator.Attribute	Severity	.items[].datetime	green
.items[].evaluation.tlp	Indicator.tlp / Related Objects.tlp	N/A	.items[].datetime	amber
.items[].evaluation.ttl	Indicator.Attribute	Time to live (seconds)	.items[].datetime	10
.items[].forum	Indicator.Attribute	Source Forum	.items[].datetime	carding.team
.items[].message_hash	Related Indicator.Value	MD5	.items[].datetime	1e390efe327d0a3680db45b19de7313f
.items[].lang[]	Indicator.Attribute	Language	.items[].datetime	English
.items[].message	Indicator.Description	N/A	.items[].datetime	saint bible
.items[].nickname	Indicator.Attribute	Nickname	.items[].datetime	focus100_
.items[].topic	Indicator.Attribute	Topic	.items[].datetime	Fraud Bible 2019
.items[].topic_hash	Related Indicator.Value	MD5	.items[].datetime	4a73c93e97d0672fc86ba11572b659ca
.items[].url	Related Indicator.Value	URL	.items[].datetime	threads/fraud-bible-2019.140118/post-1610695

GroupIB Compromised Data Files

The GroupIB Compromised Data Files feed ingests Indicator, Malware and Adversary objects.

GET <https://bt.group-ib.com/api/v2/compromised/file>

Sample Response:

```
{
  "resultId": "7072d8a7a415b3850666af063248b3c60290c224",
  "count": 100,
  "items": [
    {
      "botId": null,
      "client": {
        "ipv4": {
          "asn": "AS4134 No.31,Jin-rong Street",
          "city": "Guangzhou",
          "countryCode": "CN",
```



```
        "countryName": "China",
        "ip": "183.48.136.71",
        "provider": "China Telecom Guangdong",
        "region": "Guangdong"
    },
    "cnc": {
        "cnc": "http://103.108.93.205/",
        "domain": "103.108.93.205",
        "ipv4": {
            "asn": null,
            "city": null,
            "countryCode": null,
            "countryName": null,
            "ip": "103.108.93.205",
            "provider": "Intergrid (New Zealand) Limited",
            "region": null
        },
        "ipv6": null,
        "url": "http://103.108.93.205/"
    },
    "dateCompromised": "2019-03-26T16:41:55+00:00",
    "dateDetected": "2019-03-26T16:41:55+00:00",
    "evaluation": {
        "admiraltyCode": "A2",
        "credibility": 80,
        "reliability": 100,
        "severity": "red",
        "tlp": "red",
        "ttl": 30
    },
    "fileInfo": {
        "comment": null,
        "filename": "file_5462.db",
        "md5": "2d58c7651409c6da1011f3daf37fb58f",
        "records": null,
        "type": "db"
    },
    "id": "b00846bd86b5129672875033596659eca970a423",
    "isFavourite": false,
    "isHidden": false,
    "malware": {
        "id": "5533f4a5024569ea5afa97fbb04201e4f23070a8",
        "name": "CobInt"
    },
    "oldId": "1484",
    "portalLink": "https://bt-demo.group-ib.com/cd/files?searchValue=id:b00846bd86b5129672875033596659eca970a423",
    "seqUpdate": 0,
    "sourceType": "Botnet",
    "threatActor": {
        "country": null,
        "id": "051cbdad0eb17cb52d7b635187a922f97850bfc3",
        "isAPT": false,
        "name": "MegaPony"
    }
}
]
```

ThreatQ provides the following default mapping for these feeds:

FEED DATA PATH	THREATQ ENTITY	THREATQ OBJECT TYPE OR ATTRIBUTE KEY	PUBLISHED DATE	EXAMPLES
.items[].client.ipv4.asn	Related Indicator.Attribute	ASN	.items[].dateDetected	AS4134 No.31 Jin-rong Street
.items[].client.ipv4.city	Related Indicator.Attribute	City	.items[].dateDetected	Guangzhou
.items[].client.ipv4.countryCode	Related Indicator.Attribute	Country Code	.items[].dateDetected	CN
.items[].client.ipv4.countryName	Related Indicator.Attribute	Country Name	.items[].dateDetected	China
.items[].client.ipv4.ip	Related Indicator.Value	IP Address	.items[].dateDetected	183.48.136.71
.items[].client.ipv4.provider	Related Indicator.Attribute	Provider	.items[].dateDetected	China Telecom Guangdong
.items[].client.ipv4.region	Related Indicator.Attribute	Region	.items[].dateDetected	Guangdong
.items[].cnc.cnc	Related Indicator.Value	FQDN	.items[].dateDetected	http://103.108.93.205/
.items[].cnc.domain	Related Indicator.Value	FQDN	.items[].dateDetected	103.108.93.205
.items[].cnc.ipv4.asn	Related Indicator.Attribute	ASN	.items[].dateDetected	N/A
.items[].cnc.ipv4.city	Related Indicator.Attribute	City	.items[].dateDetected	N/A
.items[].cnc.ipv4.countryCode	Related Indicator.Attribute	Country Code	.items[].dateDetected	N/A
.items[].cnc.ipv4.countryName	Related Indicator.Attribute	Country Name	.items[].dateDetected	N/A
.items[].cnc.ipv4.ip	Related Indicator.Value	IP Address	.items[].dateDetected	103.108.93.205
.items[].cnc.ipv4.provider	Related Indicator.Attribute	Provider	.items[].dateDetected	Intergrid (New Zealand) Limited
.items[].cnc.ipv4.region	Related Indicator.Attribute	Region	.items[].dateDetected	N/A
.items[].cnc.ipv6.asn	Related Indicator.Attribute	ASN	.items[].dateDetected	N/A
.items[].cnc.ipv6.city	Related Indicator.Attribute	City	.items[].dateDetected	N/A
.items[].cnc.ipv6.countryCode	Related Indicator.Attribute	Country Code	.items[].dateDetected	N/A
.items[].cnc.ipv6.countryName	Related Indicator.Attribute	Country Name	.items[].dateDetected	N/A
.items[].cnc.ipv6.ip	Related Indicator.Value	IPv6 Address	.items[].dateDetected	N/A
.items[].cnc.ipv6.provider	Related Indicator.Attribute	Provider	.items[].dateDetected	N/A
.items[].cnc.ipv6.region	Related Indicator.Attribute	Region	.items[].dateDetected	N/A
.items[].cnc.url	Related Indicator.Value	URL	.items[].dateDetected	http://103.108.93.205/
.items[].evaluation.admiraltyCode	Indicator.Attribute	Admiralty Code	.items[].dateDetected	A2

FEED DATA PATH	THREATQ ENTITY	THREATQ OBJECT TYPE OR ATTRIBUTE KEY	PUBLISHED DATE	EXAMPLES
.items[].evaluation.credibility	Indicator.Attribute	Credibility	.items[].dateDetected	80
.items[].evaluation.reliability	Indicator.Attribute	Reliability	.items[].dateDetected	100
.items[].evaluation.severity	Indicator.Attribute	Severity	.items[].dateDetected	red
.items[].evaluation.tlp	Indicator.tlp / Related Objects.tlp	N/A	.items[].dateDetected	red
.items[].evaluation.ttl	Indicator.Attribute	Time to live (seconds)	.items[].dateDetected	30
.items[].fileInfo.comment	Indicator.Attribute	Comment	.items[].dateDetected	N/A
.items[].fileInfo.filename	Indicator.Value	Filename	.items[].dateDetected	file_5462.db
.items[].fileInfo.md5	Related Indicator.Value	MD5	.items[].dateDetected	2d58c7651409c6da1011f3daf37fb58f
.items[].fileInfo.records	Indicator.Attribute	Records	.items[].dateDetected	N/A
.items[].fileInfo.type	Indicator.Attribute	File Info Type	.items[].dateDetected	db
.items[].malware.name	Related Malware.Value	N/A	.items[].dateDetected	CobInt
.items[].sourceType	Indicator.Attribute	Source Type	.items[].dateDetected	Botnet
items[].dateCompromised	Indicator.Attribute	Compromised Date	.items[].dateDetected	2020-05-19T12:39:15+00:00
.items[].threatActor.name	Related Adversary.Value	N/A	.items[].dateDetected	MegaPony

GroupIB Brand Abuse Phishing

The GroupIB Brand Abuse Phishing feed ingests Indicator objects.

GET <https://bt.group-ib.com/api/v2/bp/phishing>

Sample Response:

```
{
  "resultId": "73565d8649a6cd5e57555695347cc94075ada805",
  "count": 5,
  "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": "2019-03-20T08:47:54+00:00",
    "field": "Status has been changed",
    "reason": null,
    "reporter": "Group-IB Intelligence",
    "value": "In response"
  },
  {
    "date": "2019-03-21T05:53:05+00:00",
    "field": "Status has been changed",
    "reason": null,
    "reporter": "Group-IB Intelligence",
    "value": "Phishing content removed from the page"
  },
  {
    "date": "2019-03-21T05:53:05+00:00",
    "field": "Status has been changed",
    "reason": null,
    "reporter": "Group-IB Intelligence",
    "value": "Responding completed"
  },
  {
    "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://bt-demo.group-ib.com/brand/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	NOTES
.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 Objects.TLP	N/A	.items[].dateDetected	amber	
.items[].evaluation.ttl	Indicator.Attribute	Time to live (seconds)	.items[].dateDetected	30	
.items[].ipv4.asn	Indicator.Attribute	ASN	.items[].dateDetected	AS43260	
.items[].ipv4.city	Indicator.Attribute	City	.items[].dateDetected	N/A	
.items[].ipv4.countryCode	Indicator.Attribute	Country Code	.items[].dateDetected	CY	
.items[].ipv4.countryName	Indicator.Attribute	Country Name	.items[].dateDetected	Cyprus	
.items[].ipv4.ip	Indicator.Value	IP Address	.items[].dateDetected	185.71.216.171	
.items[].ipv4.provider	Indicator.Attribute	Provider	.items[].dateDetected	N/A	
.items[].ipv4.region	Indicator.Attribute	Region	.items[].dateDetected	AS43260	
.items[].objective	Indicator.Attribute	Objective	.items[].dateDetected	Card harvest	
.items[].phishingDomain.domain	Related Indicator.Value	FQDN	.items[].dateDetected	kdrbilisim.com	
.items[].phishingDomain.local	Related Indicator.Value	FQDN	.items[].dateDetected	kdrbilisim.com	
.items[].phishingDomain.title	Related Indicator.Attribute	Domain Title	.items[].dateDetected	ANKARA BİLGİSAYAR TEKNİK SERVİS 0312 226 50 40	0312 226 50 40
.items[].phishingDomain.registrar	Related Indicator.Attribute	Domain Registrar	.items[].dateDetected	PDR Ltd. d/b/a PublicDomainRegistry.com	
.items[].status	Indicator.Attribute	Status	.items[].dateDetected	In response	
.items[].targetBrand	Related Indicator.Attribute	Target Brand	.items[].dateDetected	Bank of America	
.items[].targetCategory	Related Indicator.Attribute	Target Category	.items[].dateDetected	Finance & Investment	
.items[].targetCountryName	Related Indicator.Attribute	Target Country	.items[].dateDetected	N/A	
.items[].targetDomain	Related Indicator.Value	FQDN	.items[].dateDetected	bankofamerica.com	
.items[].type	Indicator.Attribute	Attack Type	.items[].dateDetected	Phishing	
.items[].url	Related Indicator.Value	URL	.items[].dateDetected	https:// www.kdrbilisim.com/Boa	

GroupIB Brand Abuse Phishing Kit

The GroupIP Brand Abuse Phishing Kit feed ingests Indicator objects.

GET https://bt.group-ib.com/api/v2/bp/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 these feeds:

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

GroupIB OSI PublicLeak

The GroupIB OSI PublicLeak feed ingests Indicator objects.

GET https://bt.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: #000066;}\n.java a:hover {background-color: #f0f0f0;}\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.java .ln { vertical-align: top; }\n.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. */\npublic class Ideone{\n\n    public 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    {\n        <a href=\"http://www.google.com/search?hl=en&q=allinurl%3Adocs.oracle.com+javase+docs+api+system\">System</a>.\n        out.println(\"A13V1IB3VIYZZH\".length());\n    }\n\n    \"displayOptions\": null,\n    \"evaluation\": {\n      \"admiraltyCode\": \"C3\",\n      \"credibility\": 50,\n      \"reliability\": 50,\n      \"severity\": \"green\",
```

```

    "tlp": "amber",
    "ttl": 30
  },
  "hash": "db0cd0519335470b6ae614ccb65ef358b93b349",
  "id": "db0cd0519335470b6ae614ccb65ef358b93b349",
  "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://bt.group-ib.com/osi/public_leak?searchValue=id:db0cd0519335470b6ae614ccb65ef358b93b349",
  "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

FEED DATA PATH	THREATQ ENTITY	THREATQ OBJECT TYPE OR ATTRIBUTE KEY	PUBLISHED DATE	EXAMPLES
.items[].evaluation.ttl	Indicator.Attribute	Time to live (seconds)	.items[].created	30
.items[].hash	Indicator.Value	SHA-1	.items[].created	9ea9e8f70f76b774ebbf 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
.items[].size	Indicator.Attribute	Size	.items[].created	1,29 KB

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 APT Threat

METRIC	RESULT
Run Time	25 minutes
Attack Pattern	350
Attack Pattern Attributes	795
Identity	210

METRIC	RESULT
Identity Attributes	444
Indicators	23,942
Indicator Attributes	3,160
Intrusion Set	483
Intrusion Set Attributes	9,358
Malware	255
Tool	37

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 Compromised Account

METRIC	RESULT
Run Time	2 minutes
Accounts	300
Account Attributes	2,100
Adversaries	7
Indicators	584
Indicator Attributes	2,919
Malware	10

GroupIB Compromised Card

METRIC	RESULT
Run Time	2 minutes
Cards	400
Card Attributes	3,751
Indicators	761
Indicator Attributes	3,787
Malware	10

GroupIB Attacks DDoS

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

GroupIB Malware Targeted Malware

METRIC	RESULT
Run Time	1 minute

METRIC	RESULT
Indicators	1
Malware	1
Malware Attributes	7

GroupIB Attacks Phishing

METRIC	RESULT
Run Time	1 minute
Indicators	17
Indicator Attributes	87

GroupIB Compromised Data Darkweb

METRIC	RESULT
Run Time	1 minute
Indicators	146
Indicator Attributes	157

GroupIB Compromised Data Files

METRIC	RESULT
Run Time	2 minutes
Adversaries	6
Indicators	292
Indicator Attributes	1,651
Malware	8

GroupIB Brand Abuse Phishing

METRIC	RESULT
Run Time	1 minute
Indicators	9
Indicator Attributes	37

GroupIB Brand Abuse Phishing Kit

METRIC	RESULT
Run Time	1 minute
Indicators	51

METRIC	RESULT
Indicator Attributes	72

GroupIB OSI PublicLeak

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

Change Log

- **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