

# ThreatQuotient



## Group-IB CDF User Guide

Version 3.4.4

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### ThreatQuotient

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 ThreatQ Supported

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# Contents

|                                                                                            |     |
|--------------------------------------------------------------------------------------------|-----|
| Warning and Disclaimer .....                                                               | 4   |
| Support .....                                                                              | 5   |
| Integration Details.....                                                                   | 6   |
| Introduction .....                                                                         | 7   |
| Prerequisites .....                                                                        | 8   |
| Custom Objects Installation .....                                                          | 8   |
| Installation.....                                                                          | 10  |
| Configuration .....                                                                        | 11  |
| ThreatQ Mapping.....                                                                       | 13  |
| GroupIB Compromised Account.....                                                           | 13  |
| GroupIB Compromised Bank Card.....                                                         | 17  |
| GroupIB Compromised Data Mules .....                                                       | 23  |
| GroupIB Compromised Data Git Leaks.....                                                    | 27  |
| GroupIB Compromised Data IMEI .....                                                        | 31  |
| GroupIB Compromised Data Shops.....                                                        | 35  |
| GroupIB Compromised IM Discord .....                                                       | 38  |
| GroupIB Compromised IM Telegram .....                                                      | 41  |
| GroupIB Compromised Masked Bank Card.....                                                  | 44  |
| GroupIB Human Intelligence Threat and GroupIB APT Threat .....                             | 50  |
| GroupIB Human Intelligence Threat Actor and GroupIB APT Threat Actor .....                 | 59  |
| GroupIB Malware C2 .....                                                                   | 67  |
| GroupIB Malware Configs.....                                                               | 71  |
| GroupIB Suspicious IP Tor Node, GroupIB Suspicious IP Open Proxy and GroupIB Suspicious IP |     |
| Socks Proxy .....                                                                          | 73  |
| GroupIB Suspicious IP Scanners.....                                                        | 75  |
| GroupIB Suspicious IP VPN.....                                                             | 77  |
| GroupIB Attacks DDoS .....                                                                 | 79  |
| GroupIB Attacks Deface .....                                                               | 83  |
| GroupIB Malware Report.....                                                                | 85  |
| GroupIB Malware Signature, GroupIB Malware YARA Rule.....                                  | 89  |
| GroupIB Malware Vulnerability.....                                                         | 91  |
| GroupIB Attacks Phishing .....                                                             | 97  |
| GroupIB Attacks Phishing Group .....                                                       | 100 |
| GroupIB Attack Phishing Kit .....                                                          | 104 |
| GroupIB OSI PublicLeak .....                                                               | 106 |
| GroupIB IOC Common .....                                                                   | 109 |
| Average Feed Run.....                                                                      | 111 |
| GroupIB Compromised Account.....                                                           | 111 |
| GroupIB Compromised Bank Card.....                                                         | 112 |
| GroupIB Compromised Data Mules .....                                                       | 112 |
| GroupIB Compromised Data IMEI .....                                                        | 113 |
| GroupIB Compromised Data Shops.....                                                        | 114 |

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|                                              |            |
|----------------------------------------------|------------|
| GroupIB Compromised IM Discord .....         | 114        |
| GroupIB Compromised IM Telegram .....        | 115        |
| GroupIB Compromised Masked Bank Card .....   | 115        |
| GroupIB APT Threat Actors.....               | 116        |
| GroupIB Human Malware C2 .....               | 116        |
| GroupIB Human Intelligence Threat Actor..... | 117        |
| GroupIB Malware Configs.....                 | 117        |
| GroupIB Suspicious IP Tor Node.....          | 118        |
| GroupIB Suspicious IP Scanners .....         | 118        |
| GroupIB Suspicious IP VPN.....               | 118        |
| GroupIB Attacks DDoS .....                   | 119        |
| GroupIB Attacks Deface .....                 | 119        |
| GroupIB Malware Report.....                  | 119        |
| GroupIB Malware Signature .....              | 120        |
| GroupIB Malware Vulnerability.....           | 121        |
| GroupIB Attacks Phishing .....               | 121        |
| GroupIB Attacks Phishing Group .....         | 122        |
| GroupIB OSI PublicLeak .....                 | 122        |
| GroupIB IOC Common .....                     | 122        |
| <b>Known Issues / Limitations .....</b>      | <b>123</b> |
| <b>Change Log .....</b>                      | <b>124</b> |

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# Support

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

**Support Email:** [support@threatq.com](mailto:support@threatq.com)

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

**Support Phone:** 703.574.9893

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# Integration Details

ThreatQuotient provides the following details for this integration:

**Current Integration Version**      3.4.4

**Compatible with ThreatQ  
Versions**       $\geq 5.20.0$

**Support Tier**      ThreatQ Supported

# Introduction

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

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

- GroupIB Compromised Account
- GroupIB Compromised Bank Card
- GroupIB Compromised Data Git Leaks
- GroupIB Compromised Data Mules
- GroupIB Compromised Data IMEI
- GroupIB Compromised IM Discord
- GroupIB Compromised IM Telegram
- GroupIB Compromised Masked Band Card
- GroupIB Compromised Shops
- GroupIB Human Intelligence Threat
- GroupIB Human Intelligence Threat Actor
- GroupIB APT Threat
- GroupIB APT Threat Actor
- GroupIB Malware C2
- GroupIB Suspicious IP Open Proxy
- GroupIB Suspicious IP Socks Proxy
- GroupIB Suspicious IP VPN
- GroupIB Malware Configs
- GroupIB Suspicious IP Tor Node
- GroupIB Suspicious IP Scanner
- GroupIB Malware Report
- GroupIB Malware Signature
- GroupIB Malware YARA Rule
- GroupIB Malware Vulnerability
- GroupIB Attacks DDoS
- GroupIB Attacks Deface
- GroupIB Attacks Phishing
- GroupIB Attacks Phishing Group
- GroupIB Attacks Abuse Phishing Kit
- GroupIB OSI PublicLeak
- GroupIB IOC Common

Object types ingested from the feeds above include:

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

# Prerequisites

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

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

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

## Custom Objects Installation

Use the steps provided to install the custom objects.

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

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

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

4. Create a new directory:

```
<> mkdir groupib_cdf
```

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

```
<> mkdir images
```

7. Upload the svg files.
8. Navigate to **/tmp/groupib\_cdf**.

The directory should resemble the following:

- tmp
  - groupib\_cdf
    - groupib.json
    - install.sh
    - images
      - Account.svg

- CompromisedCard.svg
- IMEI.svg
- MoneyMule.svg
- Organization.svg

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

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

10. Run the following command:

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



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

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

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

```
Installing Custom Objects - Step 1 of 5 (Entering Maintenance Mode)
```

```
[
[Application is now in maintenance mode.
]
```

```
Installing Custom Objects - Step 2 of 5 (Installing the GroupIB Custom Objects)
```

```
'/tmp/group-ib/icons/Account.svg' -> '/var/www/api/database/seeds/data/icons/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 five 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 zip file.
3. Extract the files and install the required custom objects.
4. Navigate to the integrations management page on your ThreatQ instance.
5. Click on the **Add New Integration** button.
6. Upload the yaml file using one of the following methods:
  - Drag and drop the file into the dialog box
  - Select **Click to Browse** to locate the integration file on your local machine



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.

7. 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. <div>  <p>This parameter supports the following feeds: GroupIB Human Threat Intelligence, GroupIB APT Threat, and GroupIB Malware Vulnerability.</p> </div> |

## < GroupIB Compromised Account



Disabled ☒ Enabled

Run Integration

Uninstall

### Additional Information

Integration Type: Feed

Version:

Accepted Data Types:

Configuration

Activity Log

Username

API Key  

Set indicator status to...  
Active 

Run Frequency

Every 24 Hours 

Next scheduled run:  
2023-09-19 04:44am (-04:00)

☒ Send a notification when this feed encounters issues.

☐ Debug Option: Save the raw data response files.

*We recommend leaving this disabled unless actively troubleshooting an issue because it utilizes a lot of disk space.*

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 Account

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

GET <https://tap.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,
    "portalLink": "https://tap-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<br>OBJECT TYPE<br>OR ATTRIBUTE<br>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                           |       |

| FEED DATA PATH                    | THREATQ ENTITY                    | THREATQ<br>OBJECT TYPE<br>OR ATTRIBUTE<br>KEY | PUBLISHED DATE        | EXAMPLES                                                                            | NOTES                                               |
|-----------------------------------|-----------------------------------|-----------------------------------------------|-----------------------|-------------------------------------------------------------------------------------|-----------------------------------------------------|
| .items[].cnc.ipv6.region          | Related Indicator.Attribute       | Region                                        | .items[].dateDetected | N/A                                                                                 |                                                     |
| .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 Bank Card

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

GET [https://tap.group-ib.com/api/v2/compromised/bank\\_card\\_group](https://tap.group-ib.com/api/v2/compromised/bank_card_group)

### Sample Response:

```
{
  "resultId": "e1c62dc66e72e0fb9992183fbf82d5739d927d41",
  "count": 400,
  "items": [
    {
      "baseName": null,
      "cardInfo": {
        "bin": [
          "601129",
          "6011298",
          "60112988",
          "601129880",
          "6011298803"
        ],
        "issuer": {
          "countryCode": "IN",
          "countryName": "INDIA",
          "issuer": "STATE BANK OF INDIA"
        },
        "number": "4000174114732465",
        "system": "VISA",
        "type": "CLASSIC"
      },
      "eventCount": 1,
      "events": [
        {
          "cardInfo": {
            "cvv": "966",
            "dump": null,
            "pin": null,
            "validThru": "8/2016",
            "validThruDate": "2016-08-31"
          },
          "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/"
    },
    "malware": {
        "id": "3e9e68a2f267f45f970ee84ff5dac37d05761f60",
        "name": "Phishing"
    },
    "owner": {
        "address": null,
        "city": null,
        "countryCode": null,
        "email": null,
        "name": null,
        "passport": null,
        "phone": null,
        "state": null,
        "zip": null
    },
    "source": {
        "id": null,
        "idType": null,
        "type": "Phishing"
    },
    "threatActor": {
        "country": null,
        "id": "051cbdad0eb17cb52d7b635187a922f97850bfc3",
        "isAPT": false,
        "name": "MegaPony"
    },
    "track": []
},
    "dateFirstCompromised": "2020-06-05T10:07:26+00:00",
    "dateLastCompromised": "2020-06-05T10:07:26+00:00",
    "dateFirstSeen": "2020-06-05T10:07:26+00:00",

```

```

    "dateLastSeen": "2020-06-05T10:07:26+00:00",
    "evaluation": {
      "admiraltyCode": "B3",
      "credibility": 50,
      "reliability": 80,
      "severity": "orange",
      "tlp": "red",
      "ttl": 90
    },
    "externalId": "",
    "id": "b3d87b6af5532ee8d41baac000bba2d1c46662c8",
    "displayOptions": {
      "favouriteForCompanies": [],
      "hideForCompanies": [],
      "isFavourite": false,
      "isHidden": false
    },
    "malware": [
      {
        "id": "3e9e68a2f267f45f970ee84ff5dac37d05761f60",
        "name": "Phishing"
      }
    ],
    "oldId": "2308",
    "portalLink": "https://bt-demo.group-ib.com/cd/cards?searchValue=id:b3d87b6af5532ee8d41baac000bba2d1c46662c8",
    "seqUpdate": 1591351984817,
    "serviceCode": null,
    "sourceType": [
      "Phishing"
    ],
    "threatActor": [
      {
        "country": null,
        "id": "051cbdad0eb17cb52d7b635187a922f97850bfc3",
        "isAPT": false,
        "name": "MegaPony"
      }
    ]
  }
}

```

ThreatQuotient provides the following default mapping for this feed:

| FEED DATA PATH                            | THREATQ ENTITY                 | THREATQ<br>OBJECT TYPE<br>OR ATTRIBUTE<br>KEY | PUBLISHED DATE         | EXAMPLES                                | NOTES |
|-------------------------------------------|--------------------------------|-----------------------------------------------|------------------------|-----------------------------------------|-------|
| .items[].events[].cardInfo.cvv            | Card.Attribute                 | Card CVV                                      | .items[].dateFirstSeen | 966                                     | N/A   |
| .items[].cardInfo.issuer.countryCode      | Card.Attribute                 | Card Issuer<br>Country Code                   | .items[].dateFirstSeen | IN                                      | N/A   |
| .items[].cardInfo.issuer.countryName      | Card.Attribute                 | Card Issuer<br>Country                        | .items[].dateFirstSeen | INDIA                                   | N/A   |
| .items[].cardInfo.issuer.issuer           | Card.Attribute                 | Card Issuer                                   | .items[].dateFirstSeen | STATE BANK OF INDIA                     | N/A   |
| .items[].cardInfo.number                  | Card.Value                     | Card Number                                   | .items[].dateFirstSeen | 4000174114732465                        | N/A   |
| .items[].cardInfo.system                  | Card.Attribute                 | Card System                                   | .items[].dateFirstSeen | VISA                                    | N/A   |
| .items[].cardInfo.type                    | Card.Attribute                 | Card Type                                     | .items[].dateFirstSeen | CLASSIC                                 | N/A   |
| .items[].cardInfo.bin                     | Card.Attribute                 | Bank<br>Identification<br>Number              | .items[].dateFirstSeen | 601129                                  | N/A   |
| .items[].events[].cardInfo.validThru      | Card.Attribute                 | Card<br>Expiration                            | .items[].dateFirstSeen | 8/2016                                  | N/A   |
| .items[].events[].client.ipv4.asn         | Related<br>Indicator.Attribute | ASN                                           | .items[].dateFirstSeen | AS497 754th Electronic<br>Systems Group | N/A   |
| .items[].events[].client.ipv4.city        | Related<br>Indicator.Attribute | City                                          | .items[].dateFirstSeen | Raleigh                                 | N/A   |
| .items[].events[].client.ipv4.countryCode | Related<br>Indicator.Attribute | Country Code                                  | .items[].dateFirstSeen | US                                      | N/A   |
| .items[].events[].client.ipv4.countryName | Related<br>Indicator.Attribute | Country<br>Name                               | .items[].dateFirstSeen | United States                           | N/A   |
| .items[].events[].client.ipv4.ip          | Related<br>Indicator.Value     | IP Address                                    | .items[].dateFirstSeen | 56.151.217.119                          | N/A   |
| .items[].events[].client.ipv4.provider    | Related<br>Indicator.Attribute | Provider                                      | .items[].dateFirstSeen | United States Postal<br>Service         | N/A   |
| .items[].events[].client.ipv4.region      | Related<br>Indicator.Attribute | Region                                        | .items[].dateFirstSeen | North Carolina                          | N/A   |
| .items[].events[].cnc.cnc                 | Related<br>Indicator.Value     | FQDN                                          | .items[].dateFirstSeen | http://246.119.220.81/                  | N/A   |
| .items[].events[].cnc.domain              | Related<br>Indicator.Value     | FQDN                                          | .items[].dateFirstSeen | 246.119.220.81                          | N/A   |
| .items[].events[].cnc.ipv4.asn            | Related<br>Indicator.Attribute | ASN                                           | .items[].dateFirstSeen | AS497 754th Electronic<br>Systems Group | N/A   |
| .items[].events[].cnc.ipv4.city           | Related<br>Indicator.Attribute | City                                          | .items[].dateFirstSeen | Raleigh                                 | N/A   |
| .items[].events[].cnc.ipv4.countryCode    | Related<br>Indicator.Attribute | Country Code                                  | .items[].dateFirstSeen | US                                      | N/A   |
| .items[].events[].cnc.ipv4.countryName    | Related<br>Indicator.Attribute | Country<br>Name                               | .items[].dateFirstSeen | United States                           | N/A   |
| .items[].events[].cnc.ipv4.ip             | Related<br>Indicator.Value     | IP Address                                    | .items[].dateFirstSeen | 246.119.220.81                          | N/A   |

| FEED DATA PATH                         | THREATQ ENTITY              | THREATQ OBJECT TYPE OR ATTRIBUTE KEY | PUBLISHED DATE         | EXAMPLES                     | NOTES                                                      |
|----------------------------------------|-----------------------------|--------------------------------------|------------------------|------------------------------|------------------------------------------------------------|
| .items[].events[].cnc.ipv4.provider    | Related Indicator.Attribute | Provider                             | .items[].dateFirstSeen | United States Postal Service | N/A                                                        |
| .items[].events[].cnc.ipv4.region      | Related Indicator.Attribute | Region                               | .items[].dateFirstSeen | North Carolina               | N/A                                                        |
| .items[].events[].cnc.ipv6.asn         | Related Indicator.Attribute | ASN                                  | .items[].dateFirstSeen | N/A                          | N/A                                                        |
| .items[].events[].cnc.ipv6.city        | Related Indicator.Attribute | City                                 | .items[].dateFirstSeen | N/A                          | N/A                                                        |
| .items[].events[].cnc.ipv6.countryCode | Related Indicator.Attribute | Country Code                         | .items[].dateFirstSeen | N/A                          | N/A                                                        |
| .items[].events[].cnc.ipv6.countryName | Related Indicator.Attribute | Country Name                         | .items[].dateFirstSeen | N/A                          | N/A                                                        |
| .items[].events[].cnc.ipv6.ip          | Related Indicator.Value     | IPv6 Address                         | .items[].dateFirstSeen | N/A                          | N/A                                                        |
| .items[].events[].cnc.ipv6.provider    | Related Indicator.Attribute | Provider                             | .items[].dateFirstSeen | N/A                          | N/A                                                        |
| .items[].events[].cnc.ipv6.region      | Related Indicator.Attribute | Region                               | .items[].dateFirstSeen | N/A                          | N/A                                                        |
| .items[].events[].cnc.url              | Related Indicator.Value     | URL                                  | .items[].dateFirstSeen | http://246.119.220.81/       | N/A                                                        |
| .items[].evaluation.admiraltyCode      | Card.Attribute              | Admiralty Code                       | .items[].dateFirstSeen | B3                           | If the attribute already exists, the value will be updated |
| .items[].evaluation.credibility        | Card.Attribute              | Credibility                          | .items[].dateFirstSeen | 50                           | If the attribute already exists, the value will be updated |
| .items[].evaluation.reliability        | Card.Attribute              | Reliability                          | .items[].dateFirstSeen | 80                           | If the attribute already exists, the value will be updated |
| .items[].evaluation.severity           | Card.Attribute              | Severity                             | .items[].dateFirstSeen | orange                       | If the attribute already exists, the value                 |

| FEED DATA PATH                | THREATQ ENTITY                 | THREATQ<br>OBJECT TYPE<br>OR ATTRIBUTE<br>KEY | PUBLISHED DATE         | EXAMPLES                  | NOTES                                                      |
|-------------------------------|--------------------------------|-----------------------------------------------|------------------------|---------------------------|------------------------------------------------------------|
|                               |                                |                                               |                        |                           | will be updated                                            |
| .items[].evaluation.tlp       | Card.TLP / Related Objects.TLP | N/A                                           | .items[].dateFirstSeen | red                       | N/A                                                        |
| .items[].evaluation.ttl       | Card.Attribute                 | Time to live (seconds)                        | .items[].dateFirstSeen | 90                        | If the attribute already exists, the value will be updated |
| .items[].malware[].name       | Related Malware.Value          | N/A                                           | .items[].dateFirstSeen | Trochilus                 | N/A                                                        |
| .items[].sourceType           | Card.Attribute                 | Source Type                                   | .items[].dateFirstSeen | Phishing                  | N/A                                                        |
| .items[].dateFirstCompromised | Card.Attribute                 | Compromised Date                              | .items[].dateFirstSeen | 2020-05-19T12:39:15+00:00 | N/A                                                        |
| .items[].threatActor[].name   | Related Adversary.Name         | N/A                                           | .items[].dateFirstSeen | MegaPony                  | N/A                                                        |

## GroupIB Compromised Data Mules

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

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

### Sample Response:

```
{
  "resultId": "e6ab53a3a3e4a9265cb06f014a240bdab56ec206",
  "count": 33789,
  "items": [
    {
      "account": "9245316213",
      "cnc": {
        "cnc": "http://serv.sexura.ru",
        "domain": "serv.sexura.ru",
        "ipv4": {
          "asn": "AS16276 OVH SAS",
          "city": "Gravelines",
          "countryCode": "FR",
          "countryName": "France",
          "ip": "94.23.180.184",
          "provider": "OVH SAS",
          "region": "Hauts-de-France"
        },
        "ipv6": {
          "asn": "AS16276 OVH SAS",
          "city": "Gravelines",
          "countryCode": "FR",
          "countryName": "France",
          "ip": "2001:0db8:85a3:0000:0000:8a2e:0370:7334",
          "provider": "OVH SAS",
          "region": "Hauts-de-France"
        },
        "url": "http://serv.sexura.ru"
      },
      "dateAdd": "2020-10-16T01:06:09+00:00",
      "dateIncident": null,
      "evaluation": {
        "admiraltyCode": "A2",
        "credibility": 80,
        "reliability": 100,
        "severity": "red",
        "tlp": "amber",
        "ttl": 30
      },
      "id": "44bd99f372e2f78ec12513afcb7ee006d86392a2",
      "info": "Nothing",
      "isFavourite": false,
      "isHidden": false,
      "malware": {
        "id": "8790a290230b3b4c059c2516a6adace1eac16066",
        "name": "FlexNet"
      },
      "oldId": "352963098",
      "organization": {
        "bic": "SABRRUMMVH1",
        "bicRu": "SABRRUMMVH1",
        "bsb": "082489",
        "iban": "BIK044525225/30101810400000000225",

```

```

    "name": "SAVINGS BANK OF THE RUSSIAN FEDERATION (SBERBANK)",
    "swift": "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": "999999999999",
    "zip": "80654"
  },
  "portalLink": "https://tap.group-ib.com/cd/mules?searchValue=id:44bd99f372e2f78ec12513afcb7ee006d86392a2",
  "seqUpdate": 1616672696468,
  "sourceType": "Botnet",
  "threatActor": {
    "id": "6c26d5dc4cc743535e7ab5bb205947540878dab9",
    "isAPT": false,
    "name": "CockSkunk"
  },
  "type": "Botnet"
}
]
}

```

ThreatQ provides the following default mapping for this feed:

| FEED DATA PATH                    | THREATQ ENTITY                       | THREATQ OBJECT TYPE OR ATTRIBUTE KEY | PUBLISHED DATE   | EXAMPLES                                                                                    | NOTES                                                                                    |
|-----------------------------------|--------------------------------------|--------------------------------------|------------------|---------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|
| .items[].account                  | Money Mule.Value                     | N/A                                  | .items[].dateAdd | '9245316213'                                                                                | The object name is formed by adding Money Mule to this field, ex.: Money Mule 9245316213 |
| .items[].evaluation.admiraltyCode | Money Mule.Attribute                 | Admiralty Code                       | .items[].dateAdd | 'A2'                                                                                        |                                                                                          |
| .items[].evaluation.credibility   | Money Mule.Attribute                 | Credibility                          | .items[].dateAdd | '80'                                                                                        |                                                                                          |
| .items[].evaluation.reliability   | Money Mule.Attribute                 | Reliability                          | .items[].dateAdd | '100'                                                                                       |                                                                                          |
| .items[].evaluation.severity      | Money Mule.Attribute                 | Severity                             | .items[].dateAdd | 'red'                                                                                       |                                                                                          |
| .items[].evaluation.tlp           | Money Mule.TLP / Related Objects.TLP | N/A                                  | N/A              | 'amber'                                                                                     |                                                                                          |
| .items[].evaluation.ttl           | Money Mule.Attribute                 | Time To Live (seconds)               | .items[].dateAdd | '30'                                                                                        |                                                                                          |
| .items[].info                     | Money Mule.Attribute                 | Info                                 | .items[].dateAdd | 'Nothing'                                                                                   |                                                                                          |
| .items[].portalLink               | Money Mule.Attribute                 | Portal Link                          | .items[].dateAdd | 'https://tap.group-ib.com/cd/mules?searchValue=id:44bd99f372e2f78ec12513afcb7ee006d86392a2' |                                                                                          |

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

| FEED DATA PATH              | THREATQ ENTITY                    | THREATQ<br>OBJECT TYPE<br>OR<br>ATTRIBUTE<br>KEY | PUBLISHED DATE   | EXAMPLES                                | NOTES |
|-----------------------------|-----------------------------------|--------------------------------------------------|------------------|-----------------------------------------|-------|
| .items[].organization.bic   | Related<br>Organization.Attribute | BIC                                              | .items[].dateAdd | 'SABRRUMMVH1'                           |       |
| .items[].organization.bicRu | Related<br>Organization.Attribute | RU BIC                                           | .items[].dateAdd | 'SABRRUMMVH1'                           |       |
| .items[].organization.bsb   | Related<br>Organization.Attribute | BSB                                              | .items[].dateAdd | '082489'                                |       |
| .items[].organization.iban  | Related<br>Organization.Attribute | IBAN                                             | .items[].dateAdd | 'BIK044525225/3010<br>1810400000000225' |       |
| .items[].organization.swift | Related<br>Organization.Attribute | SWIFT                                            | .items[].dateAdd | 'SABRRUMMVH1'                           |       |
| .items[].person.taxNumber   | Related Identity                  | N/A                                              | .items[].dateAdd | '999999999999'                          |       |
| .items[].person.address     | Related<br>Identity.Attribute     | Address                                          | .items[].dateAdd | '224 Main St'                           |       |
| .items[].person.birthday    | Related<br>Identity.Attribute     | Birthday                                         | .items[].dateAdd | '01-01-1990'                            |       |
| .items[].person.city        | Related<br>Identity.Attribute     | City                                             | .items[].dateAdd | 'Wiggins'                               |       |
| .items[].person.countryCode | Related<br>Identity.Attribute     | Country<br>Code                                  | .items[].dateAdd | 'US'                                    |       |
| .items[].person.email       | Related<br>Identity.Attribute     | Email<br>Address                                 | .items[].dateAdd | 'jhon@fake.com'                         |       |
| .items[].person.name        | Related<br>Identity.Attribute     | Name                                             | .items[].dateAdd | 'Jhon'                                  |       |
| .items[].person.passport    | Related<br>Identity.Attribute     | Passport<br>Data                                 | .items[].dateAdd | '123456789'                             |       |
| .items[].person.phone       | Related<br>Identity.Attribute     | Phone<br>Number                                  | .items[].dateAdd | '(555) 555-1234'                        |       |
| .items[].person.state       | Related<br>Identity.Attribute     | State                                            | .items[].dateAdd | 'Colorado'                              |       |
| .items[].person.zip         | Related<br>Identity.Attribute     | ZIP Code                                         | .items[].dateAdd | '80654'                                 |       |
| .items[].threatActor.name   | Related<br>Adversary.Name         | N/A                                              | .items[].dateAdd | 'CockSkunk'                             |       |

## GroupIB Compromised Data Git Leaks

The GroupIB Compromised Data Git Leaks feed ingests Indicator objects and any related Identities.

GET [https://tap.group-ib.com/api/v2/osi/git\\_repository](https://tap.group-ib.com/api/v2/osi/git_repository)

**Sample Response:**

```
{
  "resultId": "2ce743885dde121bb04986fef4bd56a82357afcd",
  "count": 1,
  "items": [
    {
      "contributors": [
        {
          "authorEmail": "yneth@gmail.ru",
          "authorName": "yneth"
        }
      ],
      "dataFound": {},
      "dateCreated": "2020-03-12T01:12:00+00:00",
      "dateDetected": "2020-03-12T01:12:00+00:00",
      "evaluation": {
        "admiraltyCode": "A1",
        "credibility": 100,
        "reliability": 100,
        "severity": "red",
        "tlp": "red",
        "ttl": 0
      },
      "files": [
        {
          "dataFound": [
            "password"
          ],
          "dateCreated": "2020-03-12T01:12:00+00:00",
          "dateDetected": "2020-03-12T01:12:00+00:00",
          "evaluation": {
            "admiraltyCode": "A1",
            "credibility": 100,
            "reliability": 100,
            "severity": "red",
            "tlp": "red",
            "ttl": 0
          },
          "id":
"391db5d5f17ab6cbbbf7c35d1f4d076cb4c830f097b2a9eddd2df7b0650709a7",
          "matchesType": [
            "commonKeywords",
            "keyword"
          ]
        }
      ]
    }
  ]
}
```

```

    ],
    "matchesTypeCount": {
      "commonKeywords": 1,
      "domain": 0,
      "dsn": 0
    },
    "name": "distress_aarch64-apple-darwin",
    "revisions": [
      {
        "bind": [
          {
            "bindBy": "cert",
            "companyId": 2692,
            "data": "cert",
            "ruleId": 0,
            "type": "keyword"
          }
        ],
        "data": {
          "commonKeywords": {
            "password": [
              "password"
            ]
          }
        },
        "hash":
"391db5d5f17ab6cbbbf7c35d1f4d076cb4c830f097b2a9eddd2df7b0650709a7",
        "info": {
          "authorEmail": "yneth@gmail.ru",
          "authorName": "yneth",
          "timestamp": 1617794272
        }
      }
    ],
    "rules": {},
    "url": "https://github.com/Yneth/distress-releases/releases/download/
0.7.1/distress_aarch64-apple-darwin"
  }
],
  "id": "ead0d8ae9f2347789941ebacde88ad2e3b1ef691",
  "matchesTypes": [
    "commonKeywords",
    "keyword"
  ],
  "name": "vtddl",
  "numberOf": {
    "contributors": 1,
    "files": 1
  },
  "relations": {},

```

```

    "seqUpdate": 1591351984817,
    "source": "github"
  }
]
}

```

ThreatQuotient provides the following default mapping for this feed:

| FEED DATA PATH                            | THREATQ ENTITY                         | THREATQ<br>OBJECT TYPE<br>OR<br>ATTRIBUTE<br>KEY | PUBLISHED DATE                | EXAMPLES                      | NOTES                                                      |
|-------------------------------------------|----------------------------------------|--------------------------------------------------|-------------------------------|-------------------------------|------------------------------------------------------------|
| .items[].files[].name                     | Indicator.Value                        | Filename                                         | .items[].files[].dateDetected | distress_aarch64-apple-darwin | N/A                                                        |
| .items[].files[].evaluation.admiraltyCode | Indicator.Attribute                    | Admiralty<br>Code                                | .items[].files[].dateDetected | A1                            | If the attribute already exists, the value will be updated |
| .items[].files[].evaluation.credibility   | Indicator.Attribute                    | Credibility                                      | .items[].files[].dateDetected | 100                           | If the attribute already exists, the value will be updated |
| .items[].files[].evaluation.reliability   | Indicator.Attribute                    | Reliability                                      | .items[].files[].dateDetected | 100                           | If the attribute already exists, the value will be updated |
| .items[].files[].evaluation.severity      | Indicator.Attribute                    | Severity                                         | .items[].files[].dateDetected | red                           | If the attribute already exists, the value will be updated |
| .items[].files[].evaluation.tlp           | Indicator.tlp /<br>Related Objects.tlp | N/A                                              | .items[].files[].dateDetected | red                           | N/A                                                        |
| .items[].files[].evaluation.ttl           | Indicator.Attribute                    | Time to live<br>(days)                           | .items[].files[].dateDetected | 0                             | If the attribute already exists, the value will be updated |
| .items[].files[].matchesTypeCount         | Indicator.Attribute                    | {Type}<br>match<br>count                         | .items[].files[].dateDetected | 1                             | {Type} is replaced with all the keys                       |
| .items[].files[].dataFound                | Indicator.Attribute                    | Data Found                                       | .items[].files[].dateDetected | password                      | N/A                                                        |

| FEED DATA PATH                                | THREATQ ENTITY                | THREATQ<br>OBJECT TYPE<br>OR<br>ATTRIBUTE<br>KEY | PUBLISHED DATE                | EXAMPLES                                                                                                                                                                                                        | NOTES |
|-----------------------------------------------|-------------------------------|--------------------------------------------------|-------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|
| .items[].files[].url                          | Related<br>Indicator.Value    | URL                                              | .items[].files[].dateDetected | <a href="https://github.com/Yneth/distress-releases/releases/download/0.7.1/distress_aarch64-apple-darwin">https://github.com/Yneth/distress-releases/releases/download/0.7.1/distress_aarch64-apple-darwin</a> | N/A   |
| .items[].files[].revisions[].info.authorName  | Related<br>Identity.Value     | N/A                                              | .items[].files[].dateDetected | yneth                                                                                                                                                                                                           | N/A   |
| .items[].files[].revisions[].info.authorEmail | Related<br>Identity.Attribute | Email<br>Address                                 | .items[].files[].dateDetected | yneth@gmail.ru                                                                                                                                                                                                  | N/A   |

## GroupIB Compromised Data IMEI

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

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

### Sample Response:

```
{
  "resultId": "3aaee8a0e03f82ae38bfc96719b56d5ba95475d1",
  "count": 5408859,
  "items": [
    {
      "client": {
        "ipv4": {
          "asn": "AS15169 Google Inc.",
          "city": "Mountain View",
          "countryCode": "US",
          "countryName": "United States",
          "ip": "66.102.6.171",
          "provider": "Google Proxy",
          "region": "California"
        }
      },
      "cnc": {
        "cnc": "http://s1.paradu.ru",
        "domain": "s1.paradu.ru",
        "ipv4": {
          "asn": "AS48666 MAROSNET Telecommunication Company LLC",
          "city": "Moscow",
          "countryCode": "RU",
          "countryName": "Russian Federation",
          "ip": "31.148.99.117",
          "provider": "ALFA TELECOM s.r.o.",
          "region": "Central"
        },
        "ipv6": {
          "asn": "AS48666 MAROSNET Telecommunication Company LLC",
          "city": "Moscow",
          "countryCode": "RU",
          "countryName": "Russian Federation",
          "ip": "2001:0db8:85a3:0000:0000:8a2e:0370:7334",
          "provider": "ALFA TELECOM s.r.o.",
          "region": "Central"
        },
        "url": "http://s1.paradu.ru"
      },
      "dateCompromised": null,
      "dateDetected": "2021-04-10T01:37:36+00:00",
    }
  ]
}
```

```

"device": {
  "iccid": "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://tap.group-ib.com/cd/imei?searchValue=id:9bc865c330efb652cf876ae73e8b6ba7b047acf4",
"seqUpdate": 1621774969216,
"sourceType": "Botnet",
"threatActor": {
  "id": "6c26d5dc4cc743535e7ab5bb205947540878dab9",
  "isAPT": false,
  "name": "CockSkunk"
}
}
]
}

```

ThreatQ provides the following default mapping for this feed:

| FEED DATA PATH        | THREATQ ENTITY | THREATQ<br>OBJECT TYPE<br>OR ATTRIBUTE<br>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'     |       |

| FEED DATA PATH                    | THREATQ ENTITY                 | THREATQ OBJECT TYPE OR ATTRIBUTE KEY | PUBLISHED DATE        | EXAMPLES                                                                                   | NOTES |
|-----------------------------------|--------------------------------|--------------------------------------|-----------------------|--------------------------------------------------------------------------------------------|-------|
| .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'                                                                                       |       |
| .items[].operator.countryCode     | IMEI.Attribute                 | Operator Country Code                | .items[].dateDetected | 'RU'                                                                                       |       |
| .items[].operator.name            | IMEI.Attribute                 | Operator Name                        | .items[].dateDetected | 'MegaFon'                                                                                  |       |
| .items[].operator.number          | IMEI.Attribute                 | Operator Phone Number                | .items[].dateDetected | '+358407192130'                                                                            |       |
| .items[].portalLink               | IMEI.Attribute                 | Source Link                          | .items[].dateDetected | 'https://tap.group-ib.com/cd/imei?searchValue=id:9bc865c330efb652cf876ae73e8b6ba7b047acf4' |       |
| .items[].sourceType               | IMEI.Attribute                 | Source Type                          | .items[].dateDetected | 'Botnet'                                                                                   |       |
| .items[].client.ipv4.ip           | Related Indicator.Value        | IP Address                           | .items[].dateDetected | '66.102.6.171'                                                                             |       |
| .items[].client.ipv4.asn          | Related Indicator.Attribute    | ASN                                  | .items[].dateDetected | 'AS16276 OVH SAS'                                                                          |       |
| .items[].client.ipv4.city         | Related Indicator.Attribute    | City                                 | .items[].dateDetected | 'Mountain View'                                                                            |       |
| .items[].client.ipv4.countryCode  | Related Indicator.Attribute    | Country Code                         | .items[].dateDetected | 'US'                                                                                       |       |
| .items[].client.ipv4.countryName  | Related Indicator.Attribute    | Country Name                         | .items[].dateDetected | 'United States'                                                                            |       |
| .items[].client.ipv4.provider     | Related Indicator.Attribute    | Provider                             | .items[].dateDetected | 'Google Proxy'                                                                             |       |
| .items[].client.ipv4.region       | Related Indicator.Attribute    | Region                               | .items[].dateDetected | 'California'                                                                               |       |
| .items[].cnc.cnc                  | Related Indicator.Value        | FQDN                                 | .items[].dateDetected | 'http://s1.paradu.ru'                                                                      |       |
| .items[].cnc.domain               | Related Indicator.Value        | FQDN                                 | .items[].dateDetected | 's1.paradu.ru'                                                                             |       |

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

## GroupIB Compromised Data Shops

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

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

**Truncated Sample Response:**

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

```

```

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

```

ThreatQ provides the following default mapping for this feed:

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

| FEED DATA PATH                | THREATQ ENTITY              | THREATQ OBJECT TYPE OR ATTRIBUTE KEY | PUBLISHED DATE        | EXAMPLES                     | NOTES |
|-------------------------------|-----------------------------|--------------------------------------|-----------------------|------------------------------|-------|
| .items[].cnc.domain           | Related Indicator.Value     | FQDN                                 | .items[].dateDetected | russianmarket.to             | N/A   |
| .items[].cnc.url              | Related Indicator.Value     | URL                                  | .items[].dateDetected | https://russianmarket.to:443 | N/A   |
| .items[].cnc.ipv4.ip          | Related Indicator.Value     | IP Address                           | .items[].dateDetected | 172.67.168.114               | N/A   |
| .items[].cnc.ipv4.asn         | Related Indicator.Attribute | ASN                                  | .items[].dateDetected | AS13335                      | N/A   |
| .items[].cnc.ipv4.city        | Related Indicator.Attribute | City                                 | .items[].dateDetected | N/A                          | N/A   |
| .items[].cnc.ipv4.countryCode | Related Indicator.Attribute | Country Code                         | .items[].dateDetected | US                           | N/A   |
| .items[].cnc.ipv4.countryName | Related Indicator.Attribute | Country Name                         | .items[].dateDetected | N/A                          | N/A   |
| .items[].cnc.ipv4.provider    | Related Indicator.Attribute | Provider                             | .items[].dateDetected | CLOUDFLARENET                | N/A   |
| .items[].cnc.ipv4.region      | Related Indicator.Attribute | Region                               | .items[].dateDetected | North America                | N/A   |
| .items[].cnc.ipv6.ip          | Related Indicator.Value     | IP Address                           | .items[].dateDetected | N/A                          | N/A   |
| .items[].cnc.ipv6.asn         | Related Indicator.Attribute | ASN                                  | .items[].dateDetected | N/A                          | N/A   |
| .items[].cnc.ipv6.city        | Related Indicator.Attribute | City                                 | .items[].dateDetected | N/A                          | N/A   |
| .items[].cnc.ipv6.countryCode | Related Indicator.Attribute | Country Code                         | .items[].dateDetected | N/A                          | N/A   |
| .items[].cnc.ipv6.countryName | Related Indicator.Attribute | Country Name                         | .items[].dateDetected | N/A                          | N/A   |
| .items[].cnc.ipv6.provider    | Related Indicator.Attribute | Provider                             | .items[].dateDetected | N/A                          | N/A   |
| .items[].cnc.ipv6.region      | Related Indicator.Attribute | Region                               | .items[].dateDetected | N/A                          | N/A   |
| .items[].evaluation.tlp       | Related Indicators.TLP      | N/A                                  | N/A                   | red                          | N/A   |
| .items[].malware.name         | Related Malware.Value       | N/A                                  | .items[].dateDetected | Racoon                       | N/A   |

## GroupIB Compromised IM Discord

The GroupIB Compromised IM Discord feed ingests custom object Compromised Account and saves Discord channels as Assets.

GET <https://tap.group-ib.com/api/v2/compromised/discord>

**Sample Response (truncated):**

```
{
  "resultId": "2ce743885dde121bb04986fef4bd56a82357afcd",
  "count": 1,
  "items": [
    {
      "author": {
        "avatar": "string",
        "discriminator": "1234",
        "id": "string",
        "name": "user1234"
      },
      "channel": {
        "avatar": "string",
        "description": {},
        "id": "string",
        "name": "white_hackers",
        "parsedCounters": {
          "channels": 0,
          "domain": 0,
          "files": 0,
          "ip": 0,
          "links": 0,
          "media": 0
        },
        "server": "server",
        "serverId": "string",
        "stat": {
          "firstMessageDate": "2023-04-10T14:37:32+03:00",
          "id": "string",
          "lastMessageDate": "2023-04-10T14:37:32+03:00",
          "messageNum": 8,
          "name": "string",
          "userNum": 5
        }
      },
      "deleted": "string",
      "edits": {},
      "highlight": [
        "string"
      ],
      "id": "string",
```

```

    "media": {
      "name": "string",
      "size": 0,
      "type": "string"
    },
    "repliedMessage": {
      "author": {
        "avatar": "string",
        "discriminator": "string",
        "id": "string",
        "name": "string"
      },
      "id": "string",
      "text": "string",
      "translation": "string"
    },
    "rules": [
      183963
    ],
    "seqUpdate": 0,
    "text": "chanel text",
    "translation": "string",
    "ts": "2023-04-10T14:37:32+03:00"
  }
]
}

```

ThreatQuotient provides the following default mapping for this feed:

| FEED DATA PATH                       | THREATQ ENTITY    | THREATQ OBJECT TYPE OR ATTRIBUTE KEY | PUBLISHED DATE | EXAMPLES                      | NOTES                                                      |
|--------------------------------------|-------------------|--------------------------------------|----------------|-------------------------------|------------------------------------------------------------|
| .items[].author.name                 | Account.Value     | N/A                                  | .items[].ts    | Account user1234              | Prepended with Account                                     |
| .items[].author.discriminator        | Account.Attribute | Discriminator                        | .items[].ts    | 1234                          | N/A                                                        |
| .items[].rules                       | Account.Attribute | Rule                                 | .items[].ts    | 183963                        | N/A                                                        |
| .items[].channel.name                | Asset.Value       | N/A                                  | .items[].ts    | Discord Channel white_hackers | Prepended with Discord Channel                             |
| .items[].channel.server              | Asset.Attribute   | Channel Server                       | .items[].ts    | server                        | N/A                                                        |
| .items[].channel.stat.firstMessageTs | Asset.Attribute   | First Message Date                   | .items[].ts    | 2023-04-10T14:37:32+03:00     | If the attribute already exists, the value will be updated |
| .items[].channel.stat.lastMessageTs  | Asset.Attribute   | Last Message Date                    | .items[].ts    | 2023-04-10T14:37:32+03:00     | If the attribute already exists, the value will be updated |
| .items[].channel.stat.messageNum     | Asset.Attribute   | Message Count                        | .items[].ts    | 10                            | If the attribute already exists, the value will be updated |
| .items[].channel.stat.userNum        | Asset.Attribute   | Users Count                          | .items[].ts    | 9                             | If the attribute already exists, the value will be updated |

## GroupIB Compromised IM Telegram

The GroupIB Compromised IM Telegram feed ingests custom object Compromised Account and saves Telegram channels/groups as Assets.

GET <https://tap.group-ib.com/api/v2/compromised/messenger>

**Sample Response (truncated):**

```
{
  "resultId": "2ce743885dde121bb04986fef4bd56a82357afcd",
  "count": 1,
  "items": [
    {
      "author": {
        "id": "string",
        "userName": "user1234",
        "firstName": "Denial",
        "lastName": "Service",
        "type": "user"
      },
      "chatStat": {
        "avatar": {
          "detected": "2023-04-10T14:37:32+03:00",
          "hash": "string",
          "id": "string"
        },
        "firstMessageDate": "2023-04-10T14:37:32+03:00",
        "id": 0,
        "lastMessageDate": "2023-04-10T14:37:32+03:00",
        "messageNum": 10,
        "name": "white_hackers",
        "title": "White Hackers",
        "type": "group",
        "userNum": 9
      },
      "edits": {},
      "highlight": [
        "string"
      ],
      "id": "string",
      "isReply": true,
      "message": "This message was compromised",
      "messageTs": "2023-04-10T14:37:32+03:00",
      "name": "white_hackers",
      "rules": [
        "183963"
      ],
      "seqUpdate": 0,
      "translatedMessage": "string"
    }
  ]
}
```

```
}  
  ]  
}
```

ThreatQuotient provides the following default mapping for this feed:

| FEED DATA PATH                     | THREATQ ENTITY    | THREATQ<br>OBJECT TYPE OR<br>ATTRIBUTE KEY | PUBLISHED DATE     | EXAMPLES                        | NOTES                                                               |
|------------------------------------|-------------------|--------------------------------------------|--------------------|---------------------------------|---------------------------------------------------------------------|
| .items[].author.userName           | Account.Value     | N/A                                        | .items[].messageTs | user1234                        | N/A                                                                 |
| .items[].author.firstName          | Account.Attribute | First Name                                 | .items[].messageTs | Denial                          | N/A                                                                 |
| .items[].author.lastName           | Account.Attribute | Last Name                                  | .items[].messageTs | Service                         | N/A                                                                 |
| .items[].author.type               | Account.Attribute | Type                                       | .items[].messageTs | user                            | N/A                                                                 |
| .items[].rules                     | Account.Attribute | Rule                                       | .items[].messageTs | 183963                          | N/A                                                                 |
| .items[].chatStat.name             | Asset.Value       | N/A                                        | .items[].messageTs | Telegram group<br>white_hackers | Prepended<br>with<br>Telegram .it<br>ems[] .chatSt<br>at.type       |
| .items[].chatStat.title            | Asset.Attribute   | Title                                      | .items[].messageTs | White Hackers                   | N/A                                                                 |
| .items[].chatStat.firstMessageDate | Asset.Attribute   | First Message<br>Date                      | .items[].messageTs | 2023-04-10T14:37:32+03:00       | If the attribute<br>already exists,<br>the value will<br>be updated |
| .items[].chatStat.lastMessageDate  | Asset.Attribute   | Last Message<br>Date                       | .items[].messageTs | 2023-04-10T14:37:32+03:00       | If the attribute<br>already exists,<br>the value will<br>be updated |
| .items[].chatStat.messageNum       | Asset.Attribute   | Message Count                              | .items[].messageTs | 10                              | If the attribute<br>already exists,<br>the value will<br>be updated |
| .items[].chatStat.userNum          | Asset.Attribute   | Users Count                                | .items[].messageTs | 9                               | If the attribute<br>already exists,<br>the value will<br>be updated |
| .items[].chatStat.type             | Asset.Attribute   | Type                                       | .items[].messageTs | commercial                      | N/A                                                                 |

## GroupIB Compromised Masked Bank Card

The GroupIB Compromised Masked Bank Card feed ingests custom object Compromised Card and any related Indicators, Malware, Adversary and Identity.

GET [https://tap.group-ib.com/api/v2/compromised/masked\\_card](https://tap.group-ib.com/api/v2/compromised/masked_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": []
]
}
```

ThreatQuotient provides the following default mapping for this feed:

| FEED DATA PATH                       | THREATQ ENTITY                 | THREATQ<br>OBJECT TYPE OR<br>ATTRIBUTE KEY | PUBLISHED DATE        | EXAMPLES                                | NOTES |
|--------------------------------------|--------------------------------|--------------------------------------------|-----------------------|-----------------------------------------|-------|
| .items[].cardInfo.cvv                | Card.Attribute                 | Card CVV                                   | .items[].dateDetected | 966                                     | N/A   |
| .items[].cardInfo.issuer.countryCode | Card.Attribute                 | Card Issuer<br>Country Code                | .items[].dateDetected | IN                                      | N/A   |
| .items[].cardInfo.issuer.countryName | Card.Attribute                 | Card Issuer<br>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<br>Expiration                         | .items[].dateDetected | 8/2016                                  | N/A   |
| .items[].client.ipv4.asn             | Related<br>Indicator.Attribute | ASN                                        | .items[].dateDetected | AS497 754th Electronic<br>Systems Group | N/A   |
| .items[].client.ipv4.city            | Related<br>Indicator.Attribute | City                                       | .items[].dateDetected | Raleigh                                 | N/A   |
| .items[].client.ipv4.countryCode     | Related<br>Indicator.Attribute | Country Code                               | .items[].dateDetected | US                                      | N/A   |
| .items[].client.ipv4.countryName     | Related<br>Indicator.Attribute | Country Name                               | .items[].dateDetected | United States                           | N/A   |
| .items[].client.ipv4.ip              | Related<br>Indicator.Value     | IP Address                                 | .items[].dateDetected | 56.151.217.119                          | N/A   |
| .items[].client.ipv4.provider        | Related<br>Indicator.Attribute | Provider                                   | .items[].dateDetected | United States Postal Service            | N/A   |
| .items[].client.ipv4.region          | Related<br>Indicator.Attribute | Region                                     | .items[].dateDetected | North Carolina                          | N/A   |
| .items[].cnc.cnc                     | Related<br>Indicator.Value     | FQDN                                       | .items[].dateDetected | http://246.119.220.81/                  | N/A   |
| .items[].cnc.domain                  | Related<br>Indicator.Value     | FQDN                                       | .items[].dateDetected | 246.119.220.81                          | N/A   |
| .items[].cnc.ipv4.asn                | Related<br>Indicator.Attribute | ASN                                        | .items[].dateDetected | AS497 754th Electronic<br>Systems Group | N/A   |
| .items[].cnc.ipv4.city               | Related<br>Indicator.Attribute | City                                       | .items[].dateDetected | Raleigh                                 | N/A   |
| .items[].cnc.ipv4.countryCode        | Related<br>Indicator.Attribute | Country Code                               | .items[].dateDetected | US                                      | N/A   |
| .items[].cnc.ipv4.countryName        | Related<br>Indicator.Attribute | Country Name                               | .items[].dateDetected | United States                           | N/A   |
| .items[].cnc.ipv4.ip                 | Related<br>Indicator.Value     | IP Address                                 | .items[].dateDetected | 246.119.220.81                          | N/A   |
| .items[].cnc.ipv4.provider           | Related<br>Indicator.Attribute | Provider                                   | .items[].dateDetected | United States Postal Service            | N/A   |
| .items[].cnc.ipv4.region             | Related<br>Indicator.Attribute | Region                                     | .items[].dateDetected | North Carolina                          | N/A   |

| FEED DATA PATH                    | THREATQ ENTITY                 | THREATQ OBJECT TYPE OR ATTRIBUTE KEY | PUBLISHED DATE        | EXAMPLES               | NOTES                                                      |
|-----------------------------------|--------------------------------|--------------------------------------|-----------------------|------------------------|------------------------------------------------------------|
| .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                                                        |
| .items[].evaluation.admiraltyCode | Card.Attribute                 | Admiralty Code                       | .items[].dateDetected | B3                     | If the attribute already exists, the value will be updated |
| .items[].evaluation.credibility   | Card.Attribute                 | Credibility                          | .items[].dateDetected | 50                     | If the attribute already exists, the value will be updated |
| .items[].evaluation.reliability   | Card.Attribute                 | Reliability                          | .items[].dateDetected | 80                     | If the attribute already exists, the value will be updated |
| .items[].evaluation.severity      | Card.Attribute                 | Severity                             | .items[].dateDetected | orange                 | If the attribute already exists, the value will be updated |
| .items[].evaluation.tlp           | Card.TLP / Related Objects.TLP | N/A                                  | .items[].dateDetected | red                    | N/A                                                        |
| .items[].evaluation.ttl           | Card.Attribute                 | Time to live (days)                  | .items[].dateDetected | 90                     | If the attribute already exists, the value                 |

| FEED DATA PATH             | THREATQ ENTITY             | THREATQ OBJECT TYPE OR ATTRIBUTE KEY | PUBLISHED DATE        | EXAMPLES                                                                            | NOTES           |
|----------------------------|----------------------------|--------------------------------------|-----------------------|-------------------------------------------------------------------------------------|-----------------|
|                            |                            |                                      |                       |                                                                                     | will be updated |
| .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 | <a href="https://breached.to/Thread-Selling">https://breached.to/Thread-Selling</a> | N/A             |
| .items[].threatActor.name  | Related Adversary.Name     | N/A                                  | .items[].dateDetected | MegaPony                                                                            | N/A             |

## 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://tap.group-ib.com/api/v2/hi/threat>

### GroupIB APT Threat

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

### Sample Response:

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

```

```

    "severity": "red",
    "tlp": "amber",
    "ttl": 30
  },
  "expertise": [
    "0day",
    "CVE"
  ],
  "files": [
    {
      "hash": "f1724b95fdac1541bb416bff08b209b8750e23928b58
68ec1ce34dad2a740dc0",
      "mime": "image/png",
      "name": "f1724b95fdac1541bb416bff08b209b8750e23928b58
68ec1ce34dad2a740dc0",
      "size": 75438
    }
  ],
  "forumsAccounts": [
    {
      "messageCount": 1,
      "nickname": "nobody.gu3st",
      "registeredAt": "2012-07-13",
      "url": "http://www.iranhack.com/forum/member/186-nobody-gu3st"
    }
  ],
  "id": "3bcfabae7dc7a909ca692e702a9b6ca6627528b4",
  "indicatorMalwareRelationships": [
    {
      "indicatorId": "3c157cefdeae6a8403fbfe24790467215493b939",
      "malwareId": "132130dd0aa2f2ab8cb1e358974443276b28195d"
    }
  ],
  "indicatorRelationships": [
    {
      "sourceId": "a6c970a7f082513303a0466ca459329829e00143",
      "targetId": "2d6c6dbf99261a1c84eefec1bb395e4876346a4c"
    }
  ],
  "indicatorToolRelationships": [],
  "indicators": [
    {
      "description": null,
      "id": "3b67fc483bc2c22e0f21d68eabf6385f364a1eea",
      "langs": [
        "ru"
      ],
      "malwareList": [],
      "params": {
        "hashes": {

```

```

        "md4": "",
        "md5": "113044788a356aab6c693a3e80189141",
        "md6": "",
        "ripemd160": "",
        "sha1": "ba835af7b8aa51797f95223676640be9c81dad9f",
        "sha224": "2f05477fc24bb4faefd86517156dafdecec45b8ad3cf2522
a563582b",
        "sha256": "0aef64991f9121a244c3f3bf7f5448bb8fb2c858bcf0ff26
b3b663937af9ef40",
        "sha384": "fdbd8e75a67f29f701a4e040385e2e239863
03ea10239211af907fcbb83578b3e41
7cb71ce646efd0819dd8c088de1bd",
        "sha512": "2c74fd17edafd80e8447b0d46741ee243b7eb
74dd2149a0ab1b9246fb30382f27e853d858571
9e0e67cbda0daa8f51671064615d645ae27acb1
5bfb1447f459b",
        "whirlpool": ""
    },
    "name": "0aef64991f9121a244c3f3bf7f5448bb8fb2c858bcf0f
f26b3b663937af9ef40",
    "size": null
},
"url": "http://strigigena.ru/cookie.php",
"seqUpdate": 16183252904267,
"techSeqUpdate": null,
"title": null,
"type": "file"
},
{
    "description": null,
    "id": "221f0e6b18af2cbf069131f2b7cf7e4552ae9d17",
    "langs": [
        "ru"
    ],
    "malwareList": [
        {
            "id": "132130dd0aa2f2ab8cb1e358974443276b28195d",
            "name": "SysUpdate"
        }
    ],
    "params": {
        "domain": "ns162.nsakadns.com",
        "ipv4": [
            "85.204.74.143"
        ],
        "ipv6": [
            "2001:0db8:85a3:0000:0000:8a2e:0370:7334"
        ],
        "ssl": [
            {

```

```

        "hashes": {
            "md5": "5765fafd258a5a1e87c0582a67862675",
            "sha1": "AB0B22AB421C001462AF4A9F382DC9284747B43D",
            "sha224":
"2f05477fc24bb4faefd86517156dafdecec45b8ad3cf2522a563582b",
            "sha256":
"ca978112ca1bbdcfac231b39a23dc4da786eff8147c4e72b9807785afee48bb",
            "sha384": "fdbd8e75a67f29f701a4e040385e2e23986303ea1023
9211af907fcbb83578b3e417cb71ce646efd
0819dd8c088de1bd",
            "sha512": "2c74fd17edafd80e8447b0d46741ee243b7eb
74dd2149a0ab1b9246fb30382f27e8
53d8585719e0e67cbda0daa8f51671064615d64
5ae27acb15bfb1447f459b"
        }
    },
    "url": ["http://strigigena.ru/cookie.php"],
    "address": "this2test.com",
    "message": {
        "body": "Body example",
        "subject": "Subject example"
    },
    "senderIp": "85.204.74.144",
    "serverIp": "85.204.74.145"
},
"seqUpdate": 16183273671915,
"techSeqUpdate": null,
"title": null,
"type": "network"
}
],
"indicatorsIds": [
    "3b67fc483bc2c22e0f21d68eabf6385f364a1eea",
    "340ac49012b02435315f1dfca9628319b4c9dae9"
],
"isTailored": false,
"labels": [
    "campaign",
    "indicator"
],
"langs": [
    "ru",
    "en"
],
"malwareList": [
    {
        "id": "132130dd0aa2f2ab8cb1e358974443276b28195d",
        "name": "SysUpdate"
    }
]

```

```

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

```

```

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

```

ThreatQ provides the following default mapping for these feeds:

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

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

| FEED DATA PATH                                   | THREATQ ENTITY              | THREATQ OBJECT TYPE OR ATTRIBUTE KEY | PUBLISHED DATE     | EXAMPLES                                                                                                                            | NOTES                                                                                                     |
|--------------------------------------------------|-----------------------------|--------------------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|
| .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 | '5765fafd258a5a1e87c0582a67862675'                                                                                                  |                                                                                                           |
| .items[].indicators[].params.ssl[].hashes.sha1   | Related Indicator.Value     | SHA-1                                | .items[].createdAt | 'AB0B22AB421C001462AF4A9F382DC9284747B43D'                                                                                          |                                                                                                           |
| .items[].indicators[].params.ssl[].hashes.sha256 | Related Indicator.Value     | SHA-256                              | .items[].createdAt | 'ca978112ca1bbdcafca231b39a23dc4da786eff8147c4e72b9807785afee48bb'                                                                  |                                                                                                           |
| .items[].indicators[].params.ssl[].hashes.sha384 | Related Indicator.Value     | SHA-384                              | .items[].createdAt | 'fdbd8e75a67f29f701a4e040385e2e23986303ea10239211af907fcbb83578b3e417cb71ce646efd0819dd8c088de1bd'                                  |                                                                                                           |
| .items[].indicators[].params.ssl[].hashes.sha512 | Related Indicator.Value     | SHA-512                              | .items[].createdAt | '2c74fd17edafd80e8447b0d46741ee243b7eb74dd2149a0ab1b9246fb30382f27e853d8585719e0e67cbd a0daa8f51671064615d645ae27acb15bfb1447f459b' |                                                                                                           |
| .items[].indicators[].params.url                 | Related Indicator.Value     | URL                                  | .items[].createdAt | 'http://strigigena.ru/cookie.php'                                                                                                   | If a URL Indicator attempting to be consumed is a true FQDN, the API normalize it to be an FQDN Indicator |
| .items[].indicators[].params.address             | Related Indicator.Value     | Email Address                        | .items[].createdAt | 'this2test.com'                                                                                                                     |                                                                                                           |
| .items[].indicators[].params.message.body        | Related Indicator.Attribute | Email Body                           | .items[].createdAt | 'Body example'                                                                                                                      |                                                                                                           |
| .items[].indicators[].params.message.subject     | Related Indicator.Attribute | Email Subject                        | .items[].createdAt | 'Subject example'                                                                                                                   |                                                                                                           |
| .items[].indicators[].params.senderIp            | Related Indicator.Value     | IP Address                           | .items[].createdAt | '85.204.74.144'                                                                                                                     |                                                                                                           |
| .items[].indicators[].params.serverIp            | Related Indicator.Value     | IP Address                           | .items[].createdAt | '85.204.74.145'                                                                                                                     |                                                                                                           |
| .items[].indicators[].params.hashes.md5          | Related Indicator.Value     | MD5                                  | .items[].createdAt | '113044788a356aab6c693a3e80189141'                                                                                                  |                                                                                                           |

| FEED DATA PATH                             | THREATQ ENTITY              | THREATQ OBJECT TYPE OR ATTRIBUTE KEY | PUBLISHED DATE     | EXAMPLES                                                                                                                           | NOTES |
|--------------------------------------------|-----------------------------|--------------------------------------|--------------------|------------------------------------------------------------------------------------------------------------------------------------|-------|
| .items[].indicators[].params.hashes.sha1   | Related Indicator.Value     | SHA-1                                | .items[].createdAt | 'ba835af7b8aa51797f95223676640be9c81dad9f'                                                                                         |       |
| .items[].indicators[].params.hashes.sha256 | Related Indicator.Value     | SHA-256                              | .items[].createdAt | '0aef64991f9121a244c3f3bf7f5448bb8fb2c858bcf0ff26b3b663937af9ef40'                                                                 |       |
| .items[].indicators[].params.hashes.sha384 | Related Indicator.Value     | SHA-384                              | .items[].createdAt | '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://tap.group-ib.com/api/v2/hi/threat\\_actor](https://tap.group-ib.com/api/v2/hi/threat_actor)

## GroupIB APT Threat Actor

GET [https://tap.group-ib.com/api/v2/apt/threat\\_actor](https://tap.group-ib.com/api/v2/apt/threat_actor)

### Sample Response:

```
{
  "resultId": "194cf0b88b4244569e4d824b7607606b5abc0462",
  "count": 876,
  "items": [
    {
      "contacts": [
        {
          "account": "alexjoe9983",
          "flag": "fake",
          "service": "twitter",
          "type": "social_network"
        }
      ],
      "countries": [
        "LB",
        "TR"
      ],
      "createdAt": "2021-04-13T16:49:27+03:00",
      "cveList": [
        {
          "name": "CVE-2021-27065"
        }
      ],
      "dateFirstSeen": "2019-05-01",
      "dateLastSeen": "2021-04-09",
      "datePublished": "2021-04-09",
      "description": "During the Operation",
      "displayOptions": {
        "isFavourite": false,
        "isHidden": false
      },
      "evaluation": {
        "admiraltyCode": "B2",
        "credibility": 80,
        "reliability": 80,
        "severity": "red",
        "tlp": "amber",
        "ttl": 30
      },
      "expertise": [
        "0day",
        "CVE"
      ],
      "files": [
        {
          "hash": "f1724b95fdac1541bb416bfff08b209b8750e23928b5868ec1ce34dad2a740dc0",

```

```

    "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": "3c157cefdae6a8403fbfe24790467215493b939",
    "malwareId": "132130dd0aa2f2ab8cb1e358974443276b28195d"
  }
],
"indicatorRelationships": [
  {
    "sourceId": "a6c970a7f082513303a0466ca459329829e00143",
    "targetId": "2d6c6dbf99261a1c84eefec1bb395e4876346a4c"
  }
],
"indicatorToolRelationships": [],
"indicators": [
  {
    "description": null,
    "id": "3b67fc483bc2c22e0f21d68eabf6385f364a1eea",
    "langs": [
      "ru"
    ],
  },
  "malwareList": [],
  "params": {
    "hashes": {
      "md4": "",
      "md5": "113044788a356aab6c693a3e80189141",
      "md6": "",
      "ripemd160": "",
      "sha1": "ba835af7b8aa51797f95223676640be9c81dad9f",
      "sha224": "2f05477fc24bb4faefd86517156dafdecec45b8ad3cf2522a563582b",
      "sha256": "0aef64991f9121a244c3f3bf7f5448bb8fb2c858bcf0ff26b3b663937af9ef40",
      "sha384": "fdbd8e75a67f29f701a4e040385e2e23986303ea10239
        211af907fcbb83578b3e417cb71ce646efd0819dd
        8c088de1bd",
      "sha512": "2c74fd17edafd80e8447b0d46741ee243b7eb74dd214
        9a0ab1b9246fb30382f27e853d8585719e0e67
        cbda0daa8f51671064615d645ae27acb15bfb1447f459b",
      "whirlpool": ""
    },
    "name": "0aef64991f9121a244c3f3bf7f5448bb8fb2c858bcf0ff26b3b663937af9ef40",
    "size": null
  },
  {
    "url": "http://strigigena.ru/cookie.php",
    "seqUpdate": 16183252904267,
    "techSeqUpdate": null,
    "title": null,
    "type": "file"
  },
  {
    "description": null,
    "id": "221f0e6b18af2cbf069131f2b7cf7e4552ae9d17",

```

```

    "langs": [
      "ru"
    ],
    "malwareList": [
      {
        "id": "132130dd0aa2f2ab8cb1e358974443276b28195d",
        "name": "SysUpdate"
      }
    ],
    "params": {
      "domain": "ns162.nsakadns.com",
      "ipv4": [
        "85.204.74.143"
      ],
      "ipv6": [
        "2001:0db8:85a3:0000:0000:8a2e:0370:7334"
      ],
      "ssl": [
        {
          "hashes": {
            "md5": "5765fafd258a5a1e87c0582a67862675",
            "sha1": "AB0B22AB421C001462AF4A9F382DC9284747B43D",
            "sha224": "2f05477fc24bb4faefd86517156dafdecec45b8ad3cf2522a563582b",
            "sha256": "ca978112ca1bbdcafac231b39a23dc4da786eff8147c4e72b9807785afee48bb",
            "sha384": "fddb8e75a67f29f701a4e040385e2e23986303e
              a10239211af907fcbb83578b3e417cb71ce646efd081
              9dd8c088de1bd",
            "sha512": "2c74fd17edafd80e8447b0d46741ee243b7eb74dd
              2149a0ab1b9246fb30382f27e853d8585719e0e67cb
              da0daa8f51671064615d645ae27acb15bfb1447f459b"
          }
        }
      ],
      "url": ["http://strigigena.ru/cookie.php"],
      "address": "this2test.com",
      "message": {
        "body": "Body example",
        "subject": "Subject example"
      },
      "senderIp": "85.204.74.144",
      "serverIp": "85.204.74.145"
    },
    "seqUpdate": 16183273671915,
    "techSeqUpdate": null,
    "title": null,
    "type": "network"
  }
],
"indicatorsIds": [
  "3b67fc483bc2c22e0f21d68eabf6385f364a1eea",
  "340ac49012b02435315f1dfca9628319b4c9dae9"
],
"isTailored": false,
"labels": [
  "campaign",
  "indicator"
],
"langs": [
  "ru",
  "en"
],
"malwareList": [
  {
    "id": "132130dd0aa2f2ab8cb1e358974443276b28195d",

```

```

        "name": "SysUpdate"
    }
],
"mitreMatrix": [
    {
        "attackPatternId": "attack-pattern--fddd81e9-
        dd3d-477e-9773-4fb8ae227234",
        "attackTactic": "build-capabilities",
        "attackType": "pre_attack_tactics",
        "id": "PRE-T1122",
        "params": {
            "data": "Just a string"
        }
    }
],
"oldId": "0c3429ce-c449-485d-aa02-efc62719818",
"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<br>OBJECT<br>TYPE OR<br>ATTRIBUTE<br>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 /<br>Related<br>Objects.TLP | N/A                                              | N/A                | 'amber'                  | N/A   |
| .items[].evaluation.ttl           | Intrusion Set.Attribute                       | Time To<br>Live<br>(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   |
| .items[].regions[]                | Intrusion Set.Attribute                       | Regions                                          | .items[].createdAt | 'middle_east'            | N/A   |
| .items[].reportNumber             | Intrusion Set.Attribute                       | Report<br>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<br>Description                             | .items[].createdAt | 'This is an attack'      | N/A   |

| FEED DATA PATH                        | THREATQ ENTITY                                             | THREATQ OBJECT TYPE OR ATTRIBUTE KEY | PUBLISHED DATE     | EXAMPLES                                                           | NOTES                                                                                                     |
|---------------------------------------|------------------------------------------------------------|--------------------------------------|--------------------|--------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|
| .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 consumed is a true FQDN, the API normalize it to be an FQDN Indicator |

| FEED DATA PATH                                   | THREATQ ENTITY              | THREATQ OBJECT TYPE OR ATTRIBUTE KEY | PUBLISHED DATE     | EXAMPLES                                                                                                                           | NOTES                                                                                                     |
|--------------------------------------------------|-----------------------------|--------------------------------------|--------------------|------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|
| .items[].forumsAccounts[].nickname               | Related Indicator.Attribute | Forum Account Nickname               | .items[].createdAt | 'nobody.gu3st'                                                                                                                     | N/A                                                                                                       |
| .items[].indicators[].malwareList[].name         | Related Malware.Value       | N/A                                  | .items[].createdAt | "SysUpdate"                                                                                                                        | N/A                                                                                                       |
| .items[].indicators[].params.domain              | Related Indicator.Value     | FQDN                                 | .items[].createdAt | 'ns162.nsakadns.com'                                                                                                               | N/A                                                                                                       |
| .items[].indicators[].params.ipv4[]              | Related Indicator.Value     | IP Address                           | .items[].createdAt | '85.204.74.143'                                                                                                                    | N/A                                                                                                       |
| .items[].indicators[].params.ipv6[]              | Related Indicator.Value     | IPv6 Address                         | .items[].createdAt | '2001:0db8:85a3:0000:0000:8a2e:0370:7334'                                                                                          | N/A                                                                                                       |
| .items[].indicators[].params.ssl[].hashes.md5    | Related Indicator.Value     | MD5                                  | .items[].createdAt | '5765fafd258a5a1e87c0582a67862675'                                                                                                 | N/A                                                                                                       |
| .items[].indicators[].params.ssl[].hashes.sha1   | Related Indicator.Value     | SHA-1                                | .items[].createdAt | 'AB0B22AB421C001462AF4A9F382DC9284747B43D'                                                                                         | N/A                                                                                                       |
| .items[].indicators[].params.ssl[].hashes.sha256 | Related Indicator.Value     | SHA-256                              | .items[].createdAt | 'ca978112ca1bbdcafac231b39a23dc4da786eff8147c4e72b9807785afee48bb'                                                                 | N/A                                                                                                       |
| .items[].indicators[].params.ssl[].hashes.sha384 | Related Indicator.Value     | SHA-384                              | .items[].createdAt | 'fdbd8e75a67f29f701a4e040385e2e23986303ea10239211af907fcb83578b3e417cb71ce646efd0819dd8c088de1bd'                                  | N/A                                                                                                       |
| .items[].indicators[].params.ssl[].hashes.sha512 | Related Indicator.Value     | SHA-512                              | .items[].createdAt | '2c74fd17edafd80e8447b0d46741ee243b7eb74dd2149a0ab1b9246fb30382f27e853d8585719e0e67cbda0daa8f51671064615d645ae27acb15bfb1447f459b' | N/A                                                                                                       |
| .items[].indicators[].params.url                 | Related Indicator.Value     | URL                                  | .items[].createdAt | 'http://strigigena.ru/cookie.php'                                                                                                  | If a URL Indicator attempting to be consumed is a true FQDN, the API normalize it to be an FQDN Indicator |
| .items[].indicators[].params.address             | Related Indicator.Value     | Email Address                        | .items[].createdAt | 'this2test.com'                                                                                                                    | N/A                                                                                                       |
| .items[].indicators[].params.message.body        | Related Indicator.Attribute | Email Body                           | .items[].createdAt | 'Body example'                                                                                                                     | N/A                                                                                                       |
| .items[].indicators[].params.message.subject     | Related Indicator.Attribute | Email Subject                        | .items[].createdAt | 'Subject example'                                                                                                                  | N/A                                                                                                       |
| .items[].indicators[].params.senderIp            | Related Indicator.Value     | IP Address                           | .items[].createdAt | '85.204.74.144'                                                                                                                    | N/A                                                                                                       |
| .items[].indicators[].params.serverIp            | Related Indicator.Value     | IP Address                           | .items[].createdAt | '85.204.74.145'                                                                                                                    | N/A                                                                                                       |

| FEED DATA PATH                             | THREATQ ENTITY              | THREATQ OBJECT TYPE OR ATTRIBUTE KEY | PUBLISHED DATE     | EXAMPLES                                                                                                                           | NOTES |
|--------------------------------------------|-----------------------------|--------------------------------------|--------------------|------------------------------------------------------------------------------------------------------------------------------------|-------|
| .items[].indicators[].params.hashes.md5    | Related Indicator.Value     | MD5                                  | .items[].createdAt | '113044788a356aab6c693a3e80189141'                                                                                                 | N/A   |
| .items[].indicators[].params.hashes.sha1   | Related Indicator.Value     | SHA-1                                | .items[].createdAt | 'ba835af7b8aa51797f95223676640be9c81dad9f'                                                                                         | N/A   |
| .items[].indicators[].params.hashes.sha256 | Related Indicator.Value     | SHA-256                              | .items[].createdAt | '0aef64991f9121a244c3f3bf7f5448bb8fb2c858bcf0ff26b3b663937af9ef40'                                                                 | N/A   |
| .items[].indicators[].params.hashes.sha384 | Related Indicator.Value     | SHA-384                              | .items[].createdAt | 'fdbd8e75a67f29f701a4e040385e2e23986303ea10239211af907fcb83578b3e417cb71ce646efd0819dd8c088de1bd'                                  | N/A   |
| .items[].indicators[].params.hashes.sha512 | Related Indicator.Value     | SHA-512                              | .items[].createdAt | '2c74fd17edafd80e8447b0d46741ee243b7eb74dd2149a0ab1b9246fb30382f27e853d8585719e0e67cbda0daa8f51671064615d645ae27acb15bfb1447f459b' | N/A   |
| .items[].malwareList[].name                | Related Malware.Value       | N/A                                  | .items[].createdAt | 'SysUpdate'                                                                                                                        | N/A   |
| .items[].mitreMatrix[].id                  | Related Attack              | Attack Pattern                       | .items[].createdAt | 'attack-pattern--fddd81e9-dd3d-477e-9773-4fb8ae227234'                                                                             | N/A   |
| .items[].mitreMatrix[].attackTactic        | Related Attack.Attribute    | Attack Tactic                        | .items[].createdAt | 'build-capabilities'                                                                                                               | N/A   |
| .items[].mitreMatrix[].attackType          | Related Attack.Attribute    | Attack Type                          | .items[].createdAt | 'pre_attack_tactics'                                                                                                               | N/A   |
| .items[].mitreMatrix[].params.data         | Related Attack.Attribute    | Attack Data                          | .items[].createdAt | 'Just a string'                                                                                                                    | N/A   |
| .items[].relatedThreatActors[].name        | Related Adversary.Name      | N/A                                  | .items[].createdAt | 'actor'                                                                                                                            | N/A   |
| .items[].relatedThreatActors[].type        | Related Adversary.Attribute | Type                                 | .items[].createdAt | 'bad'                                                                                                                              | N/A   |
| .items[].threatActor.name                  | Related Adversary.Name      | N/A                                  | .items[].createdAt | 'IronTiger'                                                                                                                        | N/A   |
| .items[].threatActor.country               | Related Adversary.Attribute | Country                              | .items[].createdAt | 'CN'                                                                                                                               | N/A   |
| .items[].toolList[].name                   | Related Tool                | N/A                                  | .items[].createdAt | 'Tools'                                                                                                                            | N/A   |

## GroupIB Malware C2

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

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

**Sample Response:**

```
{
  "resultId": "a90504337510806e189d401bb0e3cf22f836d362",
  "count": 22000,
  "items": [
    {
      "cnc": "http://128.199.23.9/uadmin/gate.php",
      "dateDetected": "2021-04-16T07:15:50+00:00",
      "dateLastSeen": "2021-04-16T07:15:50+00:00",
      "domain": "www.0983212l.link",
      "file": [
        {
          "hashes": {
            "md4": "",
            "md5": "5765fafd258a5a1e87c0582a67862675",
            "md6": "",
            "ripemd160": "",
            "sha1": "ba835af7b8aa51797f95223676640be9c81dad9f",
            "sha224": "",
            "sha256": "0aef64991f9121a244c3f3bf7f5448bb8fb2c858bcf0ff26b3b663937af9ef40",
            "sha384": "fdbd8e75a67f29f701a4e040385e2e23986303ea10239211af907fcbb83578b3e417cb71ce646efd0819dd8c088de1bd",
            "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' |       |

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

| FEED DATA PATH | THREATQ ENTITY             | THREATQ OBJECT TYPE<br>OR ATTRIBUTE KEY | PUBLISHED DATE        | EXAMPLES                                  | NOTES                                                                                                                                      |
|----------------|----------------------------|-----------------------------------------|-----------------------|-------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| .items[].url   | Related<br>Indicator.Value | URL                                     | .items[].dateDetected | 'http://128.199.23.9/<br>uadmin/gate.php' | If a URL<br>Indicator<br>attempting<br>to be<br>consumed<br>is a true<br>FQDN, the<br>API<br>normalize<br>it to be an<br>FQDN<br>Indicator |

## GroupIB Malware Configs

The GroupIB Malware Configs feed ingests Indicators and Malware.

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

Sample Response:

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

ThreatQ provides the following default mapping for this feed:

| FEED DATA PATH        | THREATQ ENTITY      | THREATQ OBJECT<br>TYPE OR ATTRIBUTE<br>KEY | PUBLISHED DATE         | EXAMPLES                    | NOTES                     |
|-----------------------|---------------------|--------------------------------------------|------------------------|-----------------------------|---------------------------|
| .items[].malware.name | Malware.Value       | N/A                                        | .items[].dateFirstSeen | 'Lockbit'                   | N/A                       |
| .items[].content      | Malware.Description | N/A                                        | .items[].dateFirstSeen | 'LockBit 2.0 Ransomware...' | The content was truncated |

| FEED DATA PATH       | THREATQ ENTITY                 | THREATQ OBJECT<br>TYPE OR ATTRIBUTE<br>KEY | PUBLISHED DATE         | EXAMPLES                                                                   | NOTES |
|----------------------|--------------------------------|--------------------------------------------|------------------------|----------------------------------------------------------------------------|-------|
| .items[].hash        | Related<br>Indicator.Value     | SHA-1                                      | .items[].dateFirstSeen | '433d976b1a7fbd76193c583<br>d150d75ed74dbe04c'                             | N/A   |
| .items[].file.md5    | Related<br>Indicator.Value     | MD5                                        | .items[].dateFirstSeen | '9bfcf1adb9cbcefe33d6077f0<br>2fc4a91'                                     | N/A   |
| .items[].file.sha1   | Related<br>Indicator.Value     | SHA-1                                      | .items[].dateFirstSeen | '0ddf7e2c44fc7b9df73b56c0c<br>081e082d7249f33'                             | N/A   |
| .items[].file.sha256 | Related<br>Indicator.Value     | SHA-256                                    | .items[].dateFirstSeen | '5df9c5633ff349ce87964b23ca<br>33cd7548e57adcbd585a4234d<br>c789e658f9d2f' | N/A   |
| .items[].file.name   | Related<br>Indicator.Attribute | File name                                  | .items[].dateFirstSeen | 'vtdl_85dg97ui'                                                            | N/A   |

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

These feeds ingests Indicators objects.

### GroupIB Suspicious IP Tor Node

GET [https://tap.group-ib.com/api/v2/suspicious\\_ip/tor\\_node](https://tap.group-ib.com/api/v2/suspicious_ip/tor_node)

### GroupIB Suspicious IP Open Proxy

GET [https://tap.group-ib.com/api/v2/suspicious\\_ip/open\\_proxy](https://tap.group-ib.com/api/v2/suspicious_ip/open_proxy)

### GroupIB Suspicious IP Socks Proxy

GET [https://tap.group-ib.com/api/v2/suspicious\\_ip/socks\\_proxy](https://tap.group-ib.com/api/v2/suspicious_ip/socks_proxy)

### 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://tap.group-ib.com/suspicious/tor?searchValue=id:199.249.230.184",
      "seqUpdate": 16182431110000,
      "source": "check.torproject.org",
      "port": "80",
      "type": "http"
    }
  ]
}
```

```
]
}
```

ThreatQ provides the following default mapping for these feeds:

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

The GroupIB Suspicious IP Scanners feed ingests Indicators objects.

GET [https://tap.group-ib.com/api/v2/suspicious\\_ip/scanner](https://tap.group-ib.com/api/v2/suspicious_ip/scanner)

**Sample Response:**

```
{
  "resultId": "ce0d600cdfbcbf9671552e201a92e5e4df730a9",
  "count": 132912,
  "items": [
    {
      "categories": [
        "Hacking",
        "FTP Brute-Force"
      ],
      "dateFirstSeen": "2020-05-27T14:57:33+00:00",
      "dateLastSeen": "2021-04-15T15:31:43+00:00",
      "evaluation": {
        "admiraltyCode": "A1",
        "credibility": 90,
        "reliability": 90,
        "severity": "green",
        "tlp": "green",
        "ttl": 30
      },
      "id": "134.209.127.189",
      "ipv4": {
        "asn": "AS16276 OVH SAS",
        "city": "Singapore",
        "countryCode": "SG",
        "countryName": "Singapore",
        "ip": "134.209.127.189",
        "provider": "DigitalOcean",
        "region": "Central"
      },
      "portalLink": null,
      "seqUpdate": 16182431110000,
      "sources": [
        "AbuseIPDB",
        "GIB-HoneyPot"
      ]
    }
  ]
}
```

ThreatQ provides the following default mapping for this feed:

| FEED DATA PATH                    | THREATQ ENTITY      | THREATQ OBJECT TYPE OR ATTRIBUTE KEY | PUBLISHED DATE         | EXAMPLES                   | NOTES |
|-----------------------------------|---------------------|--------------------------------------|------------------------|----------------------------|-------|
| .items[].ipv4.ip                  | Indicator.Value     | IP Address                           | .items[].dateFirstSeen | '134.209.127.189'          | N/A   |
| .items[].categories               | Indicator.Tags      | N/A                                  | .items[].dateFirstSeen | 'Hacking, FTP Brute-Force' | N/A   |
| .items[].ipv4.asn                 | Indicator.Attribute | ASN                                  | .items[].dateFirstSeen | 'AS16276 OVH SAS'          | N/A   |
| .items[].ipv4.city                | Indicator.Attribute | City                                 | .items[].dateFirstSeen | 'Singapore'                | N/A   |
| .items[].ipv4.countryCode         | Indicator.Attribute | Country Code                         | .items[].dateFirstSeen | 'SG'                       | N/A   |
| .items[].ipv4.countryName         | Indicator.Attribute | Country Name                         | .items[].dateFirstSeen | 'Singapore'                | N/A   |
| .items[].ipv4.provider            | Indicator.Attribute | Provider                             | .items[].dateFirstSeen | 'DigitalOcean'             | N/A   |
| .items[].ipv4.region              | Indicator.Attribute | Region                               | .items[].dateFirstSeen | 'Central'                  | N/A   |
| .items[].evaluation.admiraltyCode | Indicator.Attribute | Admiralty Code                       | .items[].dateFirstSeen | 'B2'                       | N/A   |
| .items[].evaluation.credibility   | Indicator.Attribute | Credibility                          | .items[].dateFirstSeen | '80'                       | N/A   |
| .items[].evaluation.reliability   | Indicator.Attribute | Reliability                          | .items[].dateFirstSeen | '80'                       | N/A   |
| .items[].evaluation.severity      | Indicator.Attribute | Severity                             | .items[].dateFirstSeen | 'red'                      | N/A   |
| .items[].evaluation.tlp           | Indicator.TLP       | N/A                                  | .items[].dateFirstSeen | 'amber'                    | N/A   |
| .items[].evaluation.ttl           | Indicator.Attribute | Time To Live (seconds)               | .items[].dateFirstSeen | '30'                       | N/A   |
| .items[].portalLink               | Indicator.Attribute | Portal Link                          | .items[].dateFirstSeen | N/A                        | N/A   |
| .items[].sources                  | Indicator.Attribute | Source                               | .items[].dateFirstSeen | 'AbuseIPDB'                | N/A   |

## GroupIB Suspicious IP VPN

The GroupIB Suspicious IP VPN feed ingests Indicators objects.

GET [https://tap.group-ib.com/api/v2/suspicious\\_ip/vpn](https://tap.group-ib.com/api/v2/suspicious_ip/vpn)

**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": "66.235.168.192",
      "ipv4": {
        "asn": "AS16276 OVH SAS",
        "city": "Singapore",
        "countryCode": "SG",
        "countryName": "Singapore",
        "ip": "66.235.168.192",
        "provider": "DigitalOcean",
        "region": "Central"
      },
      "names": [
        "Pulse Connect Secure"
      ],
      "portalLink": null,
      "rules": [
        "Pulse Connect Secure VPN"
      ],
      "seqUpdate": 16182431110000,
      "sources": [
        "playbook"
      ],
      "types": [
        "public"
      ]
    }
  ]
}
```

ThreatQ provides the following default mapping for this feed:

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

## GroupIB Attacks DDoS

The GroupIB Attacks DDoS feed ingests Indicators objects.

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

**Sample Response:**

```
{
  "resultId": "7545813d204a0ab3cb233da144bc06a4ef6223b6",
  "count": 100,
  "items": [
    {
      "cnc": {
        "cnc": "peacecorps.gov",
        "domain": "peacecorps.gov",
        "ipv4": {
          "asn": "AS14618 Amazon.com, Inc.",
          "city": "Ashburn",
          "countryCode": "US",
          "countryName": "United States",
          "ip": "52.202.206.232",
          "provider": "Amazon.com",
          "region": "Virginia"
        },
        "ipv6": null,
        "url": null
      },
      "dateBegin": "2019-03-11T06:58:51+00:00",
      "dateEnd": "2019-03-11T06:58:51+00:00",
      "dateReg": "2019-03-11",
      "evaluation": {
        "admiraltyCode": "A2",
        "credibility": 90,
        "reliability": 90,
        "severity": "red",
        "tlp": "green",
        "ttl": 30
      },
      "id": "3411bdc00c4f7ab43723f30205c31a20e183acf3",
      "isFavourite": false,
      "isHidden": false,
      "malware": {
        "id": "3e9e68a2f267f45f970ee84ff5dac37d05761f69",
        "name": "Bootnet"
      },
      "messageLink": null,
      "oldId": "222",
      "portalLink": "https://tap-demo.group-ib.com/attacks/ddos?searchValue=id:3411bdc00c4f7ab43723f30205c31a20e183acf3",
      "protocol": "udp",
      "seqUpdate": 0,
      "target": {
        "ipv4": {
          "asn": "AS3223 Voxility S.R.L.",
          "city": "London",
          "countryCode": "GB",
          "countryName": "United Kingdom",
          "ip": "185.82.99.18",
          "provider": "Net 360 S.a.r.l",
          "region": "London, City of"
        }
      }
    }
  ]
}
```

```

        "url": "brot.net",
        "category": null,
        "domainsCount": 3,
        "port": 10913,
        "domain": null
    },
    "threatActor": null,
    "type": "DNS Reflection"
}
]
}

```

ThreatQ provides the following default mapping for these feeds:

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

| FEED DATA PATH                    | THREATQ ENTITY                        | THREATQ OBJECT TYPE OR ATTRIBUTE KEY | PUBLISHED DATE     | EXAMPLES                                                                                                                                                                                                        |
|-----------------------------------|---------------------------------------|--------------------------------------|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| .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 | Botnet 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 | <a href="https://tap.group-ib.com/attacks/ddos?searchValue=id:053e63f81d0e1ebef83b0d3a5cbfebb e1a2b28a7">https://tap.group-ib.com/attacks/ddos?searchValue=id:053e63f81d0e1ebef83b0d3a5cbfebb e1a2b28a7</a> 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                                                                                                                                                                                                       |

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

## GroupIB Attacks Deface

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

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

**Sample Response:**

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

ThreatQ provides the following default mapping for this feed:

| FEED DATA PATH                    | THREATQ ENTITY                | THREATQ OBJECT TYPE OR ATTRIBUTE KEY | PUBLISHED DATE     | EXAMPLES                                                                                                                                                                      | NOTES |
|-----------------------------------|-------------------------------|--------------------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|
| .items[].url                      | Indicator.Value               | URL                                  | .items[].date      | <a href="http://httpswwwwalibaba.com-spma2700homeloginnngnsdc.steelcoat.co.in/FCH.php">http://httpswwwwalibaba.com-spma2700homeloginnngnsdc.steelcoat.co.in/FCH.php</a>       | N/A   |
| .items[].evaluation.admiraltyCode | Indicator/Adversary.Attribute | Admiralty Code                       | .items[].date      | B2                                                                                                                                                                            | N/A   |
| .items[].evaluation.credibility   | Indicator/Adversary.Attribute | Credibility                          | .items[].date      | 80                                                                                                                                                                            | N/A   |
| .items[].evaluation.reliability   | Indicator/Adversary.Attribute | Reliability                          | .items[].date      | 80                                                                                                                                                                            | N/A   |
| .items[].evaluation.severity      | Indicator/Adversary.Attribute | Severity                             | .items[].date      | orange                                                                                                                                                                        | N/A   |
| .items[].evaluation.tlp           | Indicator/Adversary.TLP       | Traffic Light Protocol               | .items[].date      | amber                                                                                                                                                                         | N/A   |
| .items[].evaluation.ttl           | Indicator/Adversary.Attribute | Time to live (seconds)               | .items[].date      | 30                                                                                                                                                                            | N/A   |
| .items[].portalLink               | Indicator/Adversary.Attribute | Source Link                          | .items[].dateBegin | <a href="https://tap.group-ib.com/attacks/deface?searchValue=id:645b7ff97400cb001883f9bf">https://tap.group-ib.com/attacks/deface?searchValue=id:645b7ff97400cb001883f9bf</a> | N/A   |
| .items[].targetIp.ip              | Related Indicator.Value       | IP Address                           | .items[].date      | 184.168.108.77                                                                                                                                                                | N/A   |
| .items[].targetIp.asn             | Related Indicator.Attribute   | ASN                                  | .items[].date      | N/A                                                                                                                                                                           | N/A   |
| .items[].targetIp.city            | Related Indicator.Attribute   | City                                 | .items[].date      | Scottsdale                                                                                                                                                                    | N/A   |
| .items[].targetIp.countryCode     | Related Indicator.Attribute   | Country Code                         | .items[].date      | N/A                                                                                                                                                                           | N/A   |
| .items[].targetIp.countryName     | Related Indicator.Attribute   | Country Name                         | .items[].date      | United States                                                                                                                                                                 | N/A   |
| .items[].targetIp.provider        | Related Indicator.Attribute   | Provider                             | .items[].date      | N/A                                                                                                                                                                           | N/A   |
| .items[].targetIp.region          | Related Indicator.Attribute   | Region                               | .items[].date      | N/A                                                                                                                                                                           | N/A   |
| .items[].targetDomain             | Related Indicator.Value       | FQDN                                 | .items[].date      | <a href="httpswwwwalibaba.com-spma2700homeloginnngnsdc.steelcoat.co.in">httpswwwwalibaba.com-spma2700homeloginnngnsdc.steelcoat.co.in</a>                                     | N/A   |
| .items[].threatActor.name         | Adversary.Value               | N/A                                  | .items[].date      | Mr.Pr4x0r                                                                                                                                                                     | N/A   |

## GroupIB Malware Report

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

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

**Truncated Sample Response:**

```
{
  "resultId": "6c78425a2879a39b4ef0d12b09a7e6ae53f0b0de",
  "count": 1,
  "items": [
    {
      "aliases": [
        "BRATARAT"
      ],
      "attachedFile": [
        {
          "hash":
"dd28c28bcbaafa605febcb2b3b9a8ccd23ebfedf126aa66a72e598d305bd55bdd4",
          "mime": "image/png",
          "name":
"dd28c28bcbaafa605febcb2b3b9a8ccd23ebfedf126aa66a72e598d305bd55bdd4",
          "size": 173847
        },
        {
          "hash":
"c116cc30b2bfff85a6f21bb8013b35eeef4c7e75851ba42c9405c4f44624b972e",
          "mime": "image/png",
          "name":
"c116cc30b2bfff85a6f21bb8013b35eeef4c7e75851ba42c9405c4f44624b972e",
          "size": 399114
        }
      ],
      "author": null,
      "category": [
        "Banking Trojan"
      ],
      "categoryOptions": [
        {
          "label": "banking trojan",
          "value": "banking trojan"
        }
      ],
      "class": null,
      "configCount": 0,
      "configList": [],
      "deleted": false,
      "dislikeCount": 0,
      "fileCount": 0,

```

```

"fileIocList": [],
"geoRegion": [
  "america:south_america",
  "europe:european_union",
  "europe"
],
"history": [
  {
    "date": "2023-04-23T20:04:17+03:00",
    "editor": {
      "id": "shirshova@group-ib.com"
    }
  }
],
"id": "a36a740ab0dc910eea2c3760ec93d3b44d9a9a27",
"isDisliked": false,
"isLiked": false,
"isSeen": false,
"langs": [
  "en"
],
"likeCount": 0,
"linkedMalware": [],
"malwareAliasList": [
  "BRATARAT"
],
"mitreCount": 0,
"name": "BRATA",
"networkCount": 0,
"networkIocList": [],
"partCount": 0,
"platform": [
  "Android"
],
"platformOptions": [
  {
    "label": "Android",
    "value": "android"
  }
],
"portalLink": null,
"reportRating": null,
"reportSeen": [
  "9498"
],
"seenCount": 1,
"seqUpdate": 16563360102488,
"shortDescription": "BRATA (Brazilian Android Rat) is an Android
Rat",
"signatureCount": 0,

```

```

    "signatureList": [],
    "sourceCountry": [
      "BR",
      "IT"
    ],
    "stixGuid": null,
    "threatActorList": [
      {
        "id": "19a0a76e206404e203b2e3f5cbebcd56d20ea473",
        "isApt": false,
        "name": "Donot Team",
        "url": ""
      }
    ],
    "threatLevel": "Medium",
    "threatLevelOptions": {
      "label": "Medium",
      "value": "Medium"
    },
    "updatedAt": "2023-04-23T20:04:17+03:00",
    "yaraCount": 0,
    "yaraRuleList": []
  }
]
}

```

ThreatQ provides the following default mapping for this feed:

| FEED DATA PATH            | THREATQ ENTITY      | THREATQ<br>OBJECT<br>TYPE OR<br>ATTRIBUTE<br>KEY | PUBLISHED DATE           | EXAMPLES                                                            | NOTES                               |
|---------------------------|---------------------|--------------------------------------------------|--------------------------|---------------------------------------------------------------------|-------------------------------------|
| .items[].name             | Malware.Value       | N/A                                              | .items[].history[0].date | BRATA                                                               | N/A                                 |
| .items[].aliases          | Malware.Tags        | N/A                                              | .items[].history[0].date | BRATARAT, Banking Trojan                                            | Concatenated with .items[].category |
| .items[].category         | Malware.Tags        | N/A                                              | .items[].history[0].date | BRATARAT, Banking Trojan                                            | Concatenated with .items[].aliases  |
| .items[].shortDescription | Malware.Description | N/A                                              | .items[].history[0].date | BRATA (Brazilian Android Rat) is an Android Rat discovered in 2019. | N/A                                 |
| .items[].geoRegion        | Malware.Attribute   | Region                                           | .items[].history[0].date | america:south_america                                               | N/A                                 |
| .items[].langs            | Malware.Attribute   | Language                                         | .items[].history[0].date | en                                                                  | N/A                                 |
| .items[].platform         | Malware.Attribute   | Operating System                                 | .items[].history[0].date | Android                                                             | N/A                                 |
| .items[].sourceCountry    | Malware.Attribute   | Source Country                                   | .items[].history[0].date | BR                                                                  | N/A                                 |
| .items[].threatLevel      | Malware.Attribute   | Threat Level                                     | .items[].history[0].date | Medium                                                              | N/A                                 |

| FEED DATA PATH                  | THREATQ ENTITY                 | THREATQ<br>OBJECT<br>TYPE OR<br>ATTRIBUTE<br>KEY | PUBLISHED DATE           | EXAMPLES                                                               | NOTES |
|---------------------------------|--------------------------------|--------------------------------------------------|--------------------------|------------------------------------------------------------------------|-------|
| .items[].attachedFile[].hash    | Related<br>Indicator.Value     | SHA-256                                          | .items[].history[0].date | dd28c28bcba605febc2b3b9a8<br>ccd23ebfedf126aa66a72e598d3<br>05bd55bdd4 | N/A   |
| .items[].attachedFile[].size    | Related<br>Indicator.Attribute | File Size                                        | .items[].history[0].date | 173847                                                                 | N/A   |
| .items[].threatActorList[].name | Related<br>Adversary.Value     | N/A                                              | .items[].history[0].date | Donot Team                                                             | N/A   |

# GroupIB Malware Signature, GroupIB Malware YARA Rule

This feed ingests Events and any related Malware.

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

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

(Truncated) Sample Response:

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

ThreatQ provides the following default mapping for these feeds:

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

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

## GroupIB Malware Vulnerability

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

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

### Sample Response:

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

```

```

    "bulletinSequenceId": null,
    "cpe": [],
    "cpe23": [],
    "cvelist": [
        "CVE-2017-11197"
    ],
    "cvss": {
        "score": 3.2999999999999998,
        "vector": "II:P/RC:UR/AC:L/AU:M/AV:N/E:ND/CI:N/AI:N/RL:ND"
    },
    "cvss3": [],
    "description": "",
    "edition": null,
    "h1reporter": null,
    "h1team": null,
    "hackapp": null,
    "href": "https://www.exploit-db.com/exploits/42319",
    "id": "EDB-ID:42319",
    "ioc": null,
    "isBulletin": "",
    "lastseen": "2018-11-30T12:32:43+03:00",
    "metasploitHistory": null,
    "metasploitReliability": null,
    "modified": "2017-07-13T00:00:00+03:00",
    "naslFamily": null,
    "nmap": null,
    "objectType": null,
    "objectTypes": [],
    "openbugbounty": null,
    "osvdbidlist": null,
    "pluginID": null,
    "provider": "vulners.com",
    "ptsecurityAffected": [],
    "published": "2017-07-13T00:00:00+03:00",
    "references": [],
    "reporter": "Exploit-DB",
    "scanner": [],
    "sequenceId": 16124324829172,
    "sourceData": "# Exploit Title: Privilege Escalation via CyberArk
Viewfinity <= 5.5 (5.5.10.95)",
    "sourceHref": "https://www.exploit-db.com/download/42319",
    "status": null,
    "taskMd5": "d22f61c5eb10abc520aaa7b0de636dff",
    "threatPostCategory": null,
    "title": "CyberArk Viewfinity 5.5.10.95 - Local Privilege
Escalation",
    "type": "exploitdb",
    "vuldb": [],
    "vulnerabilityCvedetails": null,
    "w3af": null

```

```

    }
  ],
  "exploitation": [],
  "extCvss": {
    "base": 2.3999999999999999,
    "environmental": 0.0,
    "exploitability": 1.0,
    "impact": 1.5,
    "mImpact": 0.0,
    "overall": 2.3999999999999999,
    "temporal": 2.3999999999999999,
    "vector": "A:N/AC:L/PR:H/C:N/E:X/I:L/RC:R/S:U/UI:R/AV:N/RL:X"
  },
  "extDescription": "",
  "githubLinkList": [],
  "href": "https://web.nvd.nist.gov/view/vuln/detail?
vulnId=CVE-2017-11197",
  "id": "CVE-2017-11197",
  "lastseen": "2023-05-03T22:11:28+03:00",
  "portalLink": "https://tap.group-ib.com/osi/vulnerabilities?
searchValue=id:CVE-2017-11197",
  "provider": "vulners.com",
  "references": [
    "https://www.exploit-db.com/exploits/42319",
    "http://lp.cyberark.com/rs/316-CZP-275/images/ds-Viewfinity-102315-
web.pdf",
    "https://web.nvd.nist.gov/view/vuln/detail?vulnId=CVE-2017-11197"
  ],
  "reporter": "cve@mitre.org",
  "seqUpdate": 16831814361349,
  "softwareMixed": [
    {
      "arch": [],
      "hardware": "",
      "hardwareVendor": "",
      "hardwareVersion": "",
      "os": "",
      "osVendor": "",
      "osVersion": "",
      "rel": [],
      "softwareFileName": "",
      "softwareName": [
        "cisco small business ip phones"
      ],
      "softwareType": [
        "software"
      ],
      "softwareVersion": [
        "any"
      ]
    }
  ],

```

```

        "softwareVersionString": "",
        "vendor": "Cisco",
        "versionOperator": ""
    }
],
"threats": [],
"threatsList": [],
"timeLineData": [],
"title": "CVE-2017-11197",
"twitter": [],
"type": "cve"
}
]
}

```

ThreatQ provides the following default mapping for this feed:

| FEED DATA PATH                    | THREATQ ENTITY                          | THREATQ<br>OBJECT TYPE<br>OR ATTRIBUTE<br>KEY | PUBLISHED DATE         | EXAMPLES                                                                                                                            | NOTES                                                               |
|-----------------------------------|-----------------------------------------|-----------------------------------------------|------------------------|-------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|
| .items[].evaluation.admiraltyCode | Indicator/<br>Vulnerability.Attribute   | Admiralty<br>Code                             | .items[].datePublished | A1                                                                                                                                  | If the attribute<br>already exists,<br>the value will be<br>updated |
| .items[].evaluation.credibility   | Indicator/<br>Vulnerability.Attribute   | Credibility                                   | .items[].datePublished | 100                                                                                                                                 | If the attribute<br>already exists,<br>the value will be<br>updated |
| .items[].evaluation.reliability   | Indicator/<br>Vulnerability.Attribute   | Reliability                                   | .items[].datePublished | 100                                                                                                                                 | If the attribute<br>already exists,<br>the value will be<br>updated |
| .items[].evaluation.severity      | Indicator/<br>Vulnerability.Attribute   | Severity                                      | .items[].datePublished | red                                                                                                                                 | If the attribute<br>already exists,<br>the value will be<br>updated |
| .items[].evaluation.tlp           | Indicator/<br>Vulnerability.TLP         | N/A                                           | .items[].datePublished | green                                                                                                                               | N/A                                                                 |
| .items[].evaluation.ttl           | Indicator/Vulnerability                 | Time to live<br>(seconds)                     | .items[].datePublished | 30                                                                                                                                  | If the attribute<br>already exists,<br>the value will be<br>updated |
| .items[].title                    | Indicator/<br>Vulnerability.Value       | N/A                                           | .items[].datePublished | CVE-2017-11197                                                                                                                      | N/A                                                                 |
| .items[].description              | Indicator/<br>Vulnerability.Description | N/A                                           | .items[].datePublished | In CyberArk<br>Viewfinity 5.5.10.95<br>and 6.x before<br>6.1.1.220, a low<br>privilege user can<br>escalate to an<br>administrative | N/A                                                                 |
| .items[].bulletinFamily           | Indicator/<br>Vulnerability.Attribute   | Bulletin Family                               | .items[].datePublished | NVD                                                                                                                                 | N/A                                                                 |

| FEED DATA PATH                  | THREATQ ENTITY                        | THREATQ OBJECT TYPE OR ATTRIBUTE KEY | PUBLISHED DATE         | EXAMPLES                                                                                                                                                            | NOTES |
|---------------------------------|---------------------------------------|--------------------------------------|------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|
| .items[].cvss.score             | Indicator/<br>Vulnerability.Attribute | CVSS Score                           | .items[].datePublished | 3.3                                                                                                                                                                 | N/A   |
| .items[].cvss.vector            | Indicator/<br>Vulnerability.Attribute | CVSS Vector                          | .items[].datePublished | II:P/RC:UR/AC:L/AU:M/AV:N/E:ND/CI:N/AI:N/RL:ND                                                                                                                      | N/A   |
| .items[].extCvss.base           | Indicator/<br>Vulnerability.Attribute | CVSS Base Score                      | .items[].datePublished | 2.4                                                                                                                                                                 | N/A   |
| .items[].extCvss.environmental  | Indicator/<br>Vulnerability.Attribute | CVSS Environmental Score             | .items[].datePublished | 0                                                                                                                                                                   | N/A   |
| .items[].extCvss.exploitability | Indicator/<br>Vulnerability.Attribute | CVSS Exploitability Subscore         | .items[].datePublished | 1.0                                                                                                                                                                 | N/A   |
| .items[].extCvss.impact         | Indicator/<br>Vulnerability.Attribute | CVSS Impact Subscore                 | .items[].datePublished | 1.5                                                                                                                                                                 | N/A   |
| .items[].extCvss.mImpact        | Indicator/<br>Vulnerability.Attribute | CVSS Modified Impact Subscore        | .items[].datePublished | 0.0                                                                                                                                                                 | N/A   |
| .items[].extCvss.overall        | Indicator/<br>Vulnerability.Attribute | CVSS Overall Score                   | .items[].datePublished | 2.4                                                                                                                                                                 | N/A   |
| .items[].extCvss.temporal       | Indicator/<br>Vulnerability.Attribute | CVSS Temporal Score                  | .items[].datePublished | 2.4                                                                                                                                                                 | N/A   |
| .items[].exploitCount           | Indicator/<br>Vulnerability.Attribute | Exploit count                        | .items[].datePublished | 1                                                                                                                                                                   | N/A   |
| .items[].exploitList[].href     | Indicator/<br>Vulnerability.Attribute | Exploit URL                          | .items[].datePublished | <a href="https://www.exploit-db.com/exploits/42319">https://www.exploit-db.com/exploits/42319</a>                                                                   | N/A   |
| .items[].exploitList[].provider | Indicator/<br>Vulnerability.Attribute | Exploit Provider                     | .items[].datePublished | vulners.com                                                                                                                                                         | N/A   |
| .items[].exploitList[].reporter | Indicator/<br>Vulnerability.Attribute | Exploit Reporter                     | .items[].datePublished | Exploit-DB                                                                                                                                                          | N/A   |
| .items[].exploitList[].title    | Indicator/<br>Vulnerability.Attribute | Exploit Title                        | .items[].datePublished | CyberArk Viewfinity 5.5.10.95 - Local Privilege Escalation                                                                                                          | N/A   |
| .items[].exploitList[].type     | Indicator/<br>Vulnerability.Attribute | Exploit Type                         | .items[].datePublished | exploitdb                                                                                                                                                           | N/A   |
| .items[].href                   | Indicator/<br>Vulnerability.Attribute | Vulnerability Details URL            | .items[].datePublished | <a href="https://web.nvd.nist.gov/view/vuln/detail?vulnId=CVE-2017-11197">https://web.nvd.nist.gov/view/vuln/detail?vulnId=CVE-2017-11197</a>                       | N/A   |
| .items[].portalLink             | Indicator/<br>Vulnerability.Attribute | Portal Link                          | .items[].datePublished | <a href="https://tap.group-ib.com/osi/vulnerabilities?searchValue=id:CVE-2017-11197">https://tap.group-ib.com/osi/vulnerabilities?searchValue=id:CVE-2017-11197</a> | N/A   |

| FEED DATA PATH         | THREATQ ENTITY                        | THREATQ<br>OBJECT TYPE<br>OR ATTRIBUTE<br>KEY | PUBLISHED DATE         | EXAMPLES                                                   | NOTES                                                                  |
|------------------------|---------------------------------------|-----------------------------------------------|------------------------|------------------------------------------------------------|------------------------------------------------------------------------|
| .items[].provider      | Indicator/<br>Vulnerability.Attribute | Provider                                      | .items[].datePublished | vulners.com                                                | N/A                                                                    |
| .items[].softwareMixed | Indicator/<br>Vulnerability.Attribute | Software                                      | .items[].datePublished | software cisco small<br>business ip phones<br>version: any | Concatenate<br>softwareType,<br>softwareName<br>and<br>softwareVersion |
| .items[].reporter      | Related Identity.Value                | N/A                                           | .items[].datePublished | cve@mitre.org                                              | N/A                                                                    |

## GroupIB Attacks Phishing

The GroupIB Attacks Phishing feed ingests Indicator objects.

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

**Sample Response:**

```
{
  "resultId": "6138aa5622203a71b8c8fa07d9d3e79aef7ccde4",
  "count": 12,
  "items": [
    {
      "dateBlocked": "2019-03-21T05:53:05+00:00",
      "dateDetected": "2019-03-20T08:46:36+00:00",
      "evaluation": {
        "admiraltyCode": "A2",
        "credibility": 80,
        "reliability": 90,
        "severity": "red",
        "tlp": "amber",
        "ttl": 30
      },
      "history": [
        {
          "date": "2019-03-20T08:47:54+00:00",
          "field": "Detected",
          "reason": null,
          "reporter": "Group-IB Intelligence",
          "value": "In response"
        },
        {
          "date": "2019-03-21T07:46:51+00:00",
          "field": "Status has been changed",
          "reason": null,
          "reporter": "Group-IB Intelligence",
          "value": "In response"
        }
      ],
      "id": "fb2c54adc40a6cc1dbe5ad9771c9787db4fabb64",
      "ipv4": {
        "asn": "AS43260",
        "city": null,
        "countryCode": "CY",
        "countryName": "Cyprus",
        "ip": "185.71.216.171",
        "provider": null,
        "region": "AS"
      },
      "isFavourite": false,
      "isHidden": false,
      "objective": "Card harvest",
      "oldId": "1331",
      "phishingDomain": {
        "domain": "kdrbilisim.com",
        "local": "kdrbilisim.com",
        "dateRegistered": "2012-09-09 13:03:26",
        "title": "ANKARA BİLGİSAYAR TEKNİK SERVİS 0312 226 50 40 | 0312 226 50 40",
        "registrar": "PDR Ltd. d/b/a PublicDomainRegistry.com"
      },
      "portalLink": "https://tap-demo.group-ib.com/attacks/phishing?searchValue=id:fb2c54adc40a6cc1dbe5ad9771c9787db4fabb64",
    }
  ]
}
```

```

    "seqUpdate": 1553180722582,
    "status": "In response",
    "targetBrand": "Bank of America",
    "targetCategory": "Finance & Investment",
    "targetCountryName": null,
    "targetDomain": "bankofamerica.com",
    "type": "Phishing",
    "url": "https://www.kdrbilisim.com/Boa"
  }
]
}

```

ThreatQ provides the following default mapping for these feeds:

| FEED DATA PATH                    | THREATQ ENTITY                        | THREATQ<br>OBJECT TYPE<br>OR<br>ATTRIBUTE<br>KEY | PUBLISHED DATE        | EXAMPLES | NOTES                                                                     |
|-----------------------------------|---------------------------------------|--------------------------------------------------|-----------------------|----------|---------------------------------------------------------------------------|
| .items[].evaluation.admiraltyCode | Indicator.Attribute                   | Admiralty<br>Code                                | .items[].dateDetected | A2       | If the<br>attribute<br>already<br>exists, the<br>value will be<br>updated |
| .items[].evaluation.credibility   | Indicator.Attribute                   | Credibility                                      | .items[].dateDetected | 80       | If the<br>attribute<br>already<br>exists, the<br>value will be<br>updated |
| .items[].evaluation.reliability   | Indicator.Attribute                   | Reliability                                      | .items[].dateDetected | 90       | If the<br>attribute<br>already<br>exists, the<br>value will be<br>updated |
| .items[].evaluation.severity      | Indicator.Attribute                   | Severity                                         | .items[].dateDetected | red      | If the<br>attribute<br>already<br>exists, the<br>value will be<br>updated |
| .items[].evaluation.tlp           | Indicator.TLP /<br>Related Object.TLP | Traffic Light<br>Protocol                        | .items[].dateDetected | amber    | N/A                                                                       |
| .items[].evaluation.ttl           | Indicator.Attribute                   | Time to live<br>(seconds)                        | .items[].dateDetected | 30       | If the<br>attribute<br>already<br>exists, the<br>value will be<br>updated |
| .items[].ipv4.asn                 | Related<br>Indicator.Attribute        | ASN                                              | .items[].dateDetected | AS43260  | N/A                                                                       |
| .items[].ipv4.city                | Related<br>Indicator.Attribute        | City                                             | .items[].dateDetected | N/A      | N/A                                                                       |
| .items[].ipv4.countryCode         | Related<br>Indicator.Attribute        | Country<br>Code                                  | .items[].dateDetected | CY       | N/A                                                                       |

| FEED DATA PATH                    | THREATQ ENTITY                 | THREATQ<br>OBJECT TYPE<br>OR<br>ATTRIBUTE<br>KEY | PUBLISHED DATE                             | EXAMPLES                                                            | NOTES |
|-----------------------------------|--------------------------------|--------------------------------------------------|--------------------------------------------|---------------------------------------------------------------------|-------|
| .items[].ipv4.countryName         | Related<br>Indicator.Attribute | Country<br>Name                                  | .items[].dateDetected                      | Cyprus                                                              | N/A   |
| .items[].ipv4.ip                  | Related<br>Indicator.Value     | IP Address                                       | .items[].dateDetected                      | 185.71.216.171                                                      | N/A   |
| .items[].ipv4.provider            | Related<br>Indicator.Attribute | Provider                                         | .items[].dateDetected                      | N/A                                                                 | N/A   |
| .items[].ipv4.region              | Related<br>Indicator.Attribute | Region                                           | .items[].dateDetected                      | AS                                                                  | N/A   |
| .items[].objective                | Indicator.Attribute            | Objective                                        | .items[].dateDetected                      | Card harvest                                                        | N/A   |
| .items[].phishingDomain.domain    | Indicator.Value                | FQDN                                             | .items[].phishingDomain.<br>dateRegistered | kdrbilisim.com                                                      | N/A   |
| .items[].phishingDomain.local     | Indicator.Attribute            | Local                                            | .items[].phishingDomain.<br>dateRegistered | kdrbilisim.com                                                      | N/A   |
| .items[].phishingDomain.title     | Indicator.Attribute            | Title                                            | .items[].phishingDomain.<br>dateRegistered | ANKARA BİLGİSAYAR<br>TEKNİK SERVİS 0312 226<br>50 40 0312 226 50 40 | N/A   |
| .items[].phishingDomain.registrar | Indicator.Attribute            | Registrar                                        | .items[].phishingDomain.<br>dateRegistered | PDR Ltd. d/b/a<br>PublicDomainRegistry.com                          | N/A   |
| .items[].status                   | Indicator.Attribute            | Status                                           | .items[].dateDetected                      | In response                                                         | N/A   |
| .items[].targetBrand              | Indicator.Attribute            | Target<br>Brand                                  | .items[].dateDetected                      | Bank of America                                                     | N/A   |
| .items[].targetCategory           | Indicator.Attribute            | Target<br>Category                               | .items[].dateDetected                      | Finance & Investment                                                | N/A   |
| .items[].targetCountryName        | Indicator.Attribute            | Target<br>Country                                | .items[].dateDetected                      | N/A                                                                 | N/A   |
| .items[].targetDomain             | Indicator.Attribute            | Target<br>Domain                                 | .items[].dateDetected                      | bankofamerica.com                                                   | N/A   |
| .items[].type                     | Indicator.Attribute            | Type                                             | .items[].dateDetected                      | Phishing                                                            | N/A   |
| .items[].url                      | Related<br>Indicator.Value     | URL                                              | .items[].dateDetected                      | https://<br>www.kdrbilisim.com/Boa                                  | N/A   |

## GroupIB Attacks Phishing Group

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

GET [https://tap.group-ib.com/api/v2/attacks/phishing\\_group](https://tap.group-ib.com/api/v2/attacks/phishing_group)

**Sample Response:**

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

```

```

        "city": "Miami",
        "countryCode": "US",
        "countryName": "United States",
        "ip": "74.208.34.89",
        "provider": "1&1 Internet AG",
        "region": null
    }
],
"objective": [
    "Login harvest"
],
"phishingKitArray": [],
"screenshot": {
    "pageHtml": {
        "fileHashMd5": "a28d22149f080eb037b2b3eb66631358",
        "filename": "phishing_screen/
c9975a1cd65becbfb3b10c9d05e39ee9970a32b13d8d88f72fed4b3122b82dfa",
        "filetype": "pageHtml",
        "hashSha256":
"c9975a1cd65becbfb3b10c9d05e39ee9970a32b13d8d88f72fed4b3122b82dfa",
        "mime": "text/html"
    },
    "pageScreen": {
        "fileHashMd5": "ce04341e8047b76f0479027a18d84891",
        "filename": "phishing_screen/
7e15cd3290770ad218b8256b5875f14563c48feee8ccd3c8dd6d3645831e3042",
        "filetype": "pageScreen",
        "hashSha256":
"7e15cd3290770ad218b8256b5875f14563c48feee8ccd3c8dd6d3645831e3042",
        "mime": "image/jpeg"
    }
},
"seqUpdate": 1679947579307293,
"signature": {
    "manual": [],
    "resource": [
        "b0cc6de8186b85f20db454ee0f01bf528009269c060d890857a5bd96c20af15d"
    ],
    "screen": []
},
"source": [
    "urlscan"
],
"status": 7,
"threatActor": {
    "country": null,
    "id": null,
    "isAPT": false,
    "name": ""
},
},

```

```

    "uniqueTitles": [
      {
        "faviconHashes": {
          "md5": null,
          "sha1": null,
          "sha256": null
        },
        "title": "Utility & Community based NFT collection."
      }
    ],
    "urlListLink": "https://tap.group-ib.com/api/v2/attacks/phishing_group/a80456e50a43c17391cee4328da63908628ac6a7d82348717da379069f0d88c1/action/url_list",
    "whitelist": false
  }
]
}

```

ThreatQ provides the following default mapping for this feed:

| FEED DATA PATH                    | THREATQ ENTITY                      | THREATQ OBJECT TYPE OR ATTRIBUTE KEY | PUBLISHED DATE         | EXAMPLES                                  | NOTES |
|-----------------------------------|-------------------------------------|--------------------------------------|------------------------|-------------------------------------------|-------|
| .items[].evaluation.admiraltyCode | Indicator.Attribute                 | Admiralty Code                       | .items[].date.detected | C3                                        | N/A   |
| .items[].evaluation.credibility   | Indicator.Attribute                 | Credibility                          | .items[].date.detected | 50                                        | N/A   |
| .items[].evaluation.reliability   | Indicator.Attribute                 | Reliability                          | .items[].date.detected | 50                                        | N/A   |
| .items[].evaluation.severity      | Indicator.Attribute                 | Severity                             | .items[].date.detected | red                                       | N/A   |
| .items[].evaluation.tlp           | Indicator.TLP / Related Objects.TLP | N/A                                  | .items[].date.detected | amber                                     | N/A   |
| .items[].evaluation.ttl           | Indicator.Attribute                 | Time to live (seconds)               | .items[].date.detected | 30                                        | N/A   |
| .items[].ip.asn                   | Related Indicator.Attribute         | ASN                                  | .items[].date.detected | AS43260                                   | N/A   |
| .items[].ip.city                  | Related Indicator.Attribute         | City                                 | .items[].date.detected | Miami                                     | N/A   |
| .items[].ip.countryCode           | Related Indicator.Attribute         | Country Code                         | .items[].date.detected | US                                        | N/A   |
| .items[].ip.countryName           | Related Indicator.Attribute         | Country Name                         | .items[].date.detected | United States                             | N/A   |
| .items[].ip.ip                    | Related Indicator.Value             | IP Address                           | .items[].date.detected | 74.208.34.89                              | N/A   |
| .items[].ip.provider              | Related Indicator.Attribute         | Provider                             | .items[].date.detected | 1&1 Internet AG                           | N/A   |
| .items[].ip.region                | Related Indicator.Attribute         | Region                               | .items[].date.detected | N/A                                       | N/A   |
| .items[].objective                | Indicator.Attribute                 | Objective                            | .items[].date.detected | Login harvest                             | N/A   |
| .items[].domainTitle              | Indicator.Attribute                 | Domain Title                         | .items[].date.detected | Utility & Community based NFT collection. | N/A   |
| .items[].brand                    | Indicator.Attribute                 | Brand                                | .items[].date.detected | Meta                                      | N/A   |

| FEED DATA PATH                     | THREATQ ENTITY              | THREATQ OBJECT TYPE OR ATTRIBUTE KEY | PUBLISHED DATE         | EXAMPLES                  | NOTES |
|------------------------------------|-----------------------------|--------------------------------------|------------------------|---------------------------|-------|
| .items[].countPhishing             | Indicator.Attribute         | Count Phishing                       | .items[].date.detected | 2                         | N/A   |
| .items[].domainInfo.registered     | Indicator.Attribute         | Register Date                        | .items[].date.detected | 2022-07-04 14:58:08+00:00 | N/A   |
| .items[].domainInfo.expirationDate | Indicator.Attribute         | Expiration Date                      | .items[].date.detected | 2023-07-04 14:58:08+00:00 | N/A   |
| .items[].domainInfo.registrar      | Indicator.Attribute         | Registrar                            | .items[].date.detected | GoDaddy.com, LLC          | N/A   |
| .items[].domainInfo.tld            | Indicator.Attribute         | Top-level domain                     | .items[].date.detected | io                        | N/A   |
| .items[].source                    | Indicator.Attribute         | Source                               | .items[].date.detected | urlscan                   | N/A   |
| .items[].domain                    | Indicator.Value             | FQDN                                 | .items[].date.detected | traderspirits.io          | N/A   |
| .items[].threatActor.name          | Related Adversary.Name      | N/A                                  | .items[].date.detected | N/A                       | N/A   |
| .items[].threatActor.country       | Related Adversary.Attribute | Country                              | .items[].date.detected | N/A                       | N/A   |

## GroupIB Attack Phishing Kit

The GroupIP Attack Phishing Phishing Kit feed ingests Indicator objects.

GET [https://tap.group-ib.com/api/v2/attacks/phishing\\_kit](https://tap.group-ib.com/api/v2/attacks/phishing_kit)

**Sample Response:**

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

```

    "variables": null
  }
]
}

```

ThreatQ provides the following default mapping for this feed:

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

## GroupIB OSI PublicLeak

The GroupIB OSI PublicLeak feed ingests Indicator objects.

GET [https://tap.group-ib.com/api/v2/osi/public\\_leak](https://tap.group-ib.com/api/v2/osi/public_leak)

**Sample Response:**

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

```

"hash": "db0cd0519335470b6ae614ccbe65ef358b93b349",
"id": "db0cd0519335470b6ae614ccbe65ef358b93b349",
"language": "",
"linkList": [
  {
    "author": "",
    "dateDetected": "2021-09-27T12:47:16+03:00",
    "datePublished": "2021-09-27T11:46:51+03:00",
    "hash": "60df36b3bf7abcb5e540e68fc3193cecb724814e",
    "itemSource": "link",
    "link": "http://ideone.com/4XU0fh",
    "sequenceUpdate": null,
    "size": 1767,
    "source": "ideone.com",
    "status": 1,
    "title": ""
  }
],
"matches": {
  "email": {
    "email": [
      "somesampleemail@mail.ru"
    ]
  }
},
"oldId": null,
"portalLink": "https://tap.group-ib.com/osi/public_leak?searchValue=id:db0cd0519335470b6ae614ccbe65ef358b93b349",
"seqUpdate": 1632736036790689,
"size": "1,73 KB",
"updated": "2021-09-27T12:47:16+03:00",
"useful": 1
}
]
}

```

ThreatQ provides the following default mapping for these feeds:

| FEED DATA PATH                    | THREATQ ENTITY              | THREATQ OBJECT TYPE OR ATTRIBUTE KEY | PUBLISHED DATE   | EXAMPLES                         |
|-----------------------------------|-----------------------------|--------------------------------------|------------------|----------------------------------|
| .items[].bind[].key               | Related Indicator.Value     | FQDN                                 | .items[].created | mail.ru                          |
| .items[].bind[].ruleValue         | Related Indicator.Value     | FQDN                                 | .items[].created | mail.ru                          |
| .items[].bind[].type              | Related Indicator.Attribute | Type                                 | .items[].created | domains                          |
| .items[].data                     | Indicator.Description       | N/A                                  | .items[].created | ["VehicleUsagePeriods": [{"endDa |
| .items[].evaluation.admiraltyCode | Indicator.Attribute         | Admiralty Code                       | .items[].created | C3                               |
| .items[].evaluation.credibility   | Indicator.Attribute         | Credibility                          | .items[].created | 50                               |
| .items[].evaluation.reliability   | Indicator.Attribute         | Reliability                          | .items[].created | 50                               |

| FEED DATA PATH                 | THREATQ ENTITY                      | THREATQ OBJECT TYPE OR ATTRIBUTE KEY | PUBLISHED DATE   | EXAMPLES                                                                       |
|--------------------------------|-------------------------------------|--------------------------------------|------------------|--------------------------------------------------------------------------------|
| .items[].evaluation.severity   | Indicator.Attribute                 | Severity                             | .items[].created | orange                                                                         |
| .items[].evaluation.tlp        | Indicator.TLP / Related Objects.TLP | N/A                                  | .items[].created | amber                                                                          |
| .items[].evaluation.ttl        | Indicator.Attribute                 | Time to live (seconds)               | .items[].created | 30                                                                             |
| .items[].hash                  | Indicator.Value                     | SHA-1                                | .items[].created | 9ea9e8f70f76b774ebbf<br>a58869275a78d1031e4                                    |
| .items[].language              | Indicator.Attribute                 | Language                             | .items[].created | json                                                                           |
| .items[].linkList[].hash       | Related Indicator.Value             | SHA-1                                | .items[].created | 68664b9e631ff8d352476<br>45fad364775f0ce4073                                   |
| .items[].linkList[].itemSource | Related Indicator.Attribute         | Source                               | .items[].created | api                                                                            |
| .items[].linkList[].link       | Related Indicator.Value             | URL                                  | .items[].created | <a href="https://pastebin.com/FCuAjGC5">https://pastebin.com/<br/>FCuAjGC5</a> |
| .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                                                                        |

## GroupIB IOC Common

The GroupIB IOC Common feed ingests Indicators and Malware.

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

**Sample Response:**

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

ThreatQ provides the following default mapping for this feed:

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

| FEED DATA PATH                 | THREATQ ENTITY           | THREATQ<br>OBJECT<br>TYPE OR<br>ATTRIBUTE<br>KEY | PUBLISHED DATE         | EXAMPLES      | NOTES |
|--------------------------------|--------------------------|--------------------------------------------------|------------------------|---------------|-------|
| .items[].malwareList[].name    | Related<br>Malware.Value | N/A                                              | .items[].dateFirstSeen | 'DCRat'       | N/A   |
| .items[].malwareList.aliases[] | Related<br>Malware.Tags  | N/A                                              | .items[].dateFirstSeen | 'DarkCrystal' | N/A   |

# Average Feed Run



Object counts and Feed runtime are supplied as generalities only - objects returned by a provider can differ based on credential configurations and Feed runtime may vary based on system resources and load.

## GroupIB Compromised Account

| METRIC               | RESULT   |
|----------------------|----------|
| Run Time             | 1 minute |
| Accounts             | 73       |
| Account Attributes   | 584      |
| Adversaries          | 1        |
| Indicators           | 60       |
| Indicator Attributes | 136      |
| Malware              | 4        |

## GroupIB Compromised Bank Card

| METRIC               | RESULT   |
|----------------------|----------|
| Run Time             | 1 minute |
| Cards                | 100      |
| Card Attributes      | 1,861    |
| Indicators           | 71       |
| Indicator Attributes | 205      |
| Malware              | 16       |
| Adversaries          | 6        |

## GroupIB Compromised Data Mules

| METRIC               | RESULT    |
|----------------------|-----------|
| Run Time             | 3 minutes |
| Adversaries          | 3         |
| Adversary Attributes | 3         |
| Indicators           | 7         |
| Indicator Attributes | 12        |
| Malware              | 2         |

| METRIC                | RESULT |
|-----------------------|--------|
| Malware Attributes    | 2      |
| Money Mule            | 500    |
| Money Mule Attributes | 5,504  |
| Organization          | 9      |

## GroupIB Compromised Data IMEI

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

## GroupIB Compromised Data Shops

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

## GroupIB Compromised IM Discord

| METRIC             | RESULT   |
|--------------------|----------|
| Run Time           | 1 minute |
| Accounts           | 33       |
| Account Attributes | 33       |
| Asset              | 15       |
| Asset Attributes   | 85       |

## GroupIB Compromised IM Telegram

| METRIC             | RESULT   |
|--------------------|----------|
| Run Time           | 1 minute |
| Accounts           | 17       |
| Account Attributes | 34       |
| Assets             | 55       |
| Asset Attributes   | 342      |

## GroupIB Compromised Masked Bank Card

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

## GroupIB APT Threat Actors

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

## GroupIB Human Malware C2

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

---

## GroupIB Human Intelligence Threat Actor

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

## GroupIB Malware Configs

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

## GroupIB Suspicious IP Tor Node

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

## GroupIB Suspicious IP Scanners

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

## GroupIB Suspicious IP VPN

| METRIC               | RESULT   |
|----------------------|----------|
| Run Time             | 1 minute |
| Indicators           | 100      |
| Indicator Attributes | 700      |

## GroupIB Attacks DDoS

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

## GroupIB Attacks Deface

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

## GroupIB Malware Report

| METRIC               | RESULT   |
|----------------------|----------|
| Run Time             | 1 minute |
| Indicators           | 213      |
| Indicator Attributes | 213      |

| METRIC             | RESULT |
|--------------------|--------|
| Malware            | 38     |
| Malware Attributes | 309    |
| Adversaries        | 16     |

## GroupIB Malware Signature

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

## GroupIB Malware Vulnerability

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

## GroupIB Attacks Phishing

| METRIC               | RESULT   |
|----------------------|----------|
| Run Time             | 1 minute |
| Indicators           | 17       |
| Indicator Attributes | 87       |

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## GroupIB Attacks Phishing Group

| METRIC               | RESULT   |
|----------------------|----------|
| Run Time             | 1 minute |
| Indicators           | 51       |
| Indicator Attributes | 72       |

## GroupIB OSI PublicLeak

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

## GroupIB IOC Common

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

## Known Issues / Limitations

- The maximum allowable range is 30 consecutive days. If a larger date range is selected, the feed will change the end date to start date plus 30 days.
- There is a known issue with the GroupIB API that can cause a feed to ignore set date parameters. This can cause more data to be returned, resulting in longer run times.
- The GroupIB Compromised IM Discord and GroupIB Compromised IM Telegram feeds may ingest data that contains characters not supported by the database which results in the feed run finishing with a 500 Internal Error error message. To avoid this error, special characters have been removed. This issue will be addressed in a future ThreatQ platform release.

# Change Log

- **Version 3.4.4**
  - GroupIB Compromised Account feed - resolved a filter mapping issue when the ipv4 is not present in the API response.
- **Version 3.4.3**
  - Updated the authentication method from headers to basic authentication.
  - Unicode special characters not supported by the ThreatQ database engine are no longer ingested.
- **Version 3.4.2**
  - Resolved a Filter Mapping issue with the Group-IB Malware Vulnerability feed.
- **Version 3.4.1**
  - Existing attributes regarding data confidence levels will now be updated.
  - Resolved an issue regarding the measurement unit for the Time to Live attribute.
  - Re-enabled the GroupIB Compromised Account feed.
  - Added the following feeds:
    - GroupIB Compromised Bank Card
    - GroupIB Compromised IM Discord
    - GroupIB Compromised IM Telegram
    - GroupIB Compromised Masked Bank Card
  - Removed the GroupIB Malware Targeted Malware feed as it has been deprecated by the provider.
  - Updated the [Known Issues / Limitations](#) chapter regarding an issue with the Compromised IM Discord and Compromised IM Telegram feeds.
  - Updated minimum ThreatQ version to 5.20.0.
- **Version 3.4.0**
  - Added a delay for requests and extra retries (with delay) when encountering 429 errors.
  - Updated the minimum ThreatQ version to 5.19.0.
- **Version 3.3.0**
  - Added the following feeds:
    - GroupIB Compromised Data Shops
    - GroupIB Malware Configs
    - GroupIB Suspicious IP VPN
    - GroupIB Suspicious IP Scanners
    - GroupIB Attacks Deface
    - GroupIB Malware Report
    - GroupIB Malware Signature
    - GroupIB Malware YARA Rule
    - GroupIB Vulnerability
    - GroupIB Attacks Phishing Group
    - GroupIB Attacks Abuse Phishing Kit
    - GroupIB IOC Common
  - Removed the following feeds:
    - GroupIB Brand Abuse Phishing

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- GroupIB Brand Abuse Phishing Kit
    - GroupIB Compromised Data Darkweb
    - GroupIB Compromised Account
    - GroupIB Compromised Card
  - Added pagination.
  - Added support for Start and End date parameters. See the [Known Issues / Limitations](#) chapter for more details.
  - **Version 3.2.0**
    - Updated the integration to use the new Group-IB endpoints, `tap.group.ib.com`. The previous endpoints, `bt.group-ib.com`, have been deprecated.
    - Removed deprecated endpoint: GroupIB Compromised Data Files.
  - **Version 3.1.0**
    - GroupIB APT Threat Actor and Human Intelligence Threat Actors will now ingest data from the feed as Intrusion Sets opposed to Reports.
    - New attributes, Compromised Data and Source Link, have been added to the following feeds: GroupIBCompromised Account, Compromised Card, Compromised Data Files.
  - **Version 3.0.0 rev-b**
    - Guide Update - Updated the custom object installation instructions in the [Prerequisites](#) chapter.
  - **Version 3.0.0**
    - Added new endpoints to the CDF:
      - GroupIB Compromised Data Darkweb
      - GroupIB OSI PublicLeak
      - GroupIB Compromised Data Files
      - GroupIB Brand Abuse Phishing
      - GroupIB Brand Abuse Phishing Kit
  - **Version 2.1.0**
    - Added new endpoints to the CDF. These new endpoints require the installation of additional custom objects: Compromised Account and Compromised Card. See the Prerequisites section for more details.
  - **Version 2.0.0**
    - Initial release