ThreatQuotient

Team Cymru Recon CDF

Version 1.1.0

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ThreatQ Supported

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Integration Details

ThreatQuotient provides the following details for this integration:

Current Integration Version	1.1.0
Compatible with ThreatQ Versions	>= 5.29.0
Support Tier	ThreatQ Supported

Introduction

The Team Cymru Recon CDF ingests indicator objects published by Team Cymru.

The integration provides the following feed:

- **Team Cymru Recon** - retrieves job IDs which will further on be used in the Team Cymru Recon supplemental feed.

The integration ingests indicator type objects.

Installation

Perform the following steps to install the integration:

> The same steps can be used to upgrade the integration to a new version.

1. Log into https://marketplace.threatq.com/.
2. Locate and download the integration file.
3. Navigate to the integrations management page on your ThreatQ instance.
4. Click on the **Add New Integration** button.
5. Upload the integration file using one of the following methods:
   - Drag and drop the file into the dialog box
   - Select **Click to Browse** to locate the integration file on your local machine

   > ThreatQ will inform you if the feed already exists on the platform and will require user confirmation before proceeding. ThreatQ will also inform you if the new version of the feed contains changes to the user configuration. The new user configurations will overwrite the existing ones for the feed and will require user confirmation before proceeding.

6. 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.

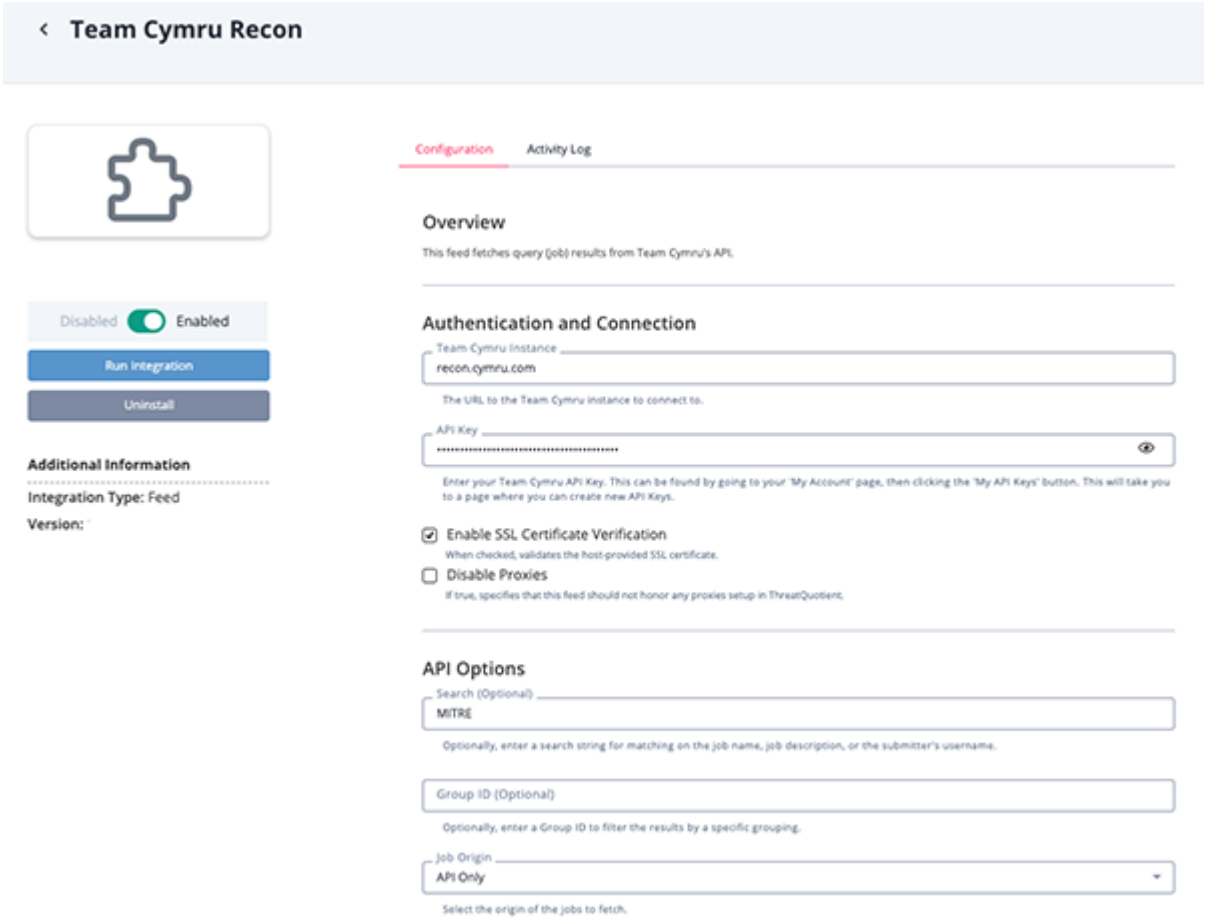
To configure the integration:

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
Team Cymru Instance	The URL of the Team Cymru instance you are connecting to with integration. The default value is **recon.cymru.com**.
API Key	Your Team Cymru Recon API Key used for authentication.
Enable SSL Certificate Verification	Enable this option if the feed should verify the SSL certificate.
Disable Proxies	Enable this option to have the feed ignore proxies set in the ThreatQ UI.
Search	Optional - enter a search string for matching on the job name, job description, or the submitter's username.
Group ID	Optional - enter a Group ID to filter the results by a specific grouping.
Job Origin	Select the origin of the jobs to fetch. Options include: ○ Any ○ API Only *(default)* ○ Web Only



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

Team Cymru Recon

Main feed used to retrieve job ids which will further on be used in the Team Cymru Recon supplemental feed.

`GET https://{CYMRU_INSTANCE}.cymru.com/api/jobs`

Sample Response:


```
{
  {
    "current_page"`: 1,
    "data"`: [
        {
            "id"`: 994822,
            "name"`: "zombieants.biz",
            "description"`: "FQDN Seach: zombieants.biz",
            "user_id"`: 46605,
            "username"`: "wchiange",
            "organization_id"`: 42970,
            "organization_name"`: "ThreatQ",
            "group_id"`: null,
            "group_name"`: null,
            "input"`: "{\"uuid\"`: \"8c06b5ed-0b5c-4b30-8cc5-663abc530626\",
\"limit\"`: 2000000, \"queries\"`: [{\"ptr\"`: \"zombieants.biz\",
\"query_type\"`: \"banners_ptr\"}, {\"qname\"`: \"zombieants.biz\",
\"query_type\"`: \"dns_query\"}, {\"dnsrr\"`: \"zombieants.biz\",
\"query_type\"`: \"nmap_dnsrr\"}, {\"qname\"`: \"zombieants.biz\",
\"query_type\"`: \"pdns\"}, {\"qname\"`: \"zombieants.biz\", \"query_type\"`:
\"pdns_nxd\"}, {\"hostname\"`: \"zombieants.biz\", \"query_type\"`:
\"pdns_other\"}, {\"dnsrr\"`: \"zombieants.biz\", \"query_type\"`:
\"apt_dns\"}, {\"dnsrr\"`: \"zombieants.biz\", \"query_type\"`: \"apt_dnsrr\"},
{\"hostname\"`: \"zombieants.biz\", \"query_type\"`: \"apt_hostname\"},
{\"query_type\"`: \"ddos_attacks\", \"target_hostname\"`: \"zombieants.biz\"},
{\"query_type\"`: \"ddos_commands\", \"target_hostname\"`: \"zombieants.biz\"},
{\"hostname\"`: \"zombieants.biz\", \"query_type\"`: \"bars_controllers\"},
{\"query_type\"`: \"dns_derived_domains_via_domain\", \"query_domain\"`:
\"zombieants.biz\"}, {\"query_type\"`: \"dns_derived_ips_via_domain\",
\"query_domain\"`: \"zombieants.biz\"}, {\"hostname\"`: \"zombieants.biz\",
\"query_type\"`: \"x509\"}, {\"hostname\"`: \"zombieants.biz\",
\"query_type\"`: \"malware_sandbox\"}, {\"fqdn\"`: \"zombieants.biz\",
\"query_type\"`: \"spam_domains\"}, {\"url\"`: \"zombieants.biz\",
\"query_type\"`: \"urls\"}], \"timeout\"`: 14400, \"end_date\"`: \"12/16/2020
20:15:18\", \"job_name\"`: \"zombieants.biz\", \"start_date\"`: \"12/17/2019
20:15:18\", \"system_origin\"`: \"api\", \"limit_realtime\"`: 2000000,
\"job_description\"`: \"FQDN Seach: zombieants.biz\", \"limit_flowsonar\"`:
```

```
2000000}",
            "total_bytes"`: 155648,
            "origin"`: "api",
            "updated_at"`: "2020-12-16 20:24:55",
            "created_at"`: "2020-12-16 20:15:21",
            "scheduled_interval"`: [],
            "status"`: "Completed"
        },
        .....]
}
}
```

No field is mapped from the main feed response. The `.id` field is used for the supplemental call.

Team Cymru Recon Details (Supplemental):

Supplemental feed called once per each job id returned by the Team Cymru Recon feed.

```
GET https://{CYMRU_INSTANCE}.cymru.com/api/jobs/{id}
```

Sample Response:


```
{"start_time":"2020-10-30
06:40:22","src_ip_addr":"104.248.88.112","src_cc":"NL","dst_ip_addr":"31.184.25
4.94","dst_cc":"RU","proto":6,"src_port":45647,"dst_port":80,"tcp_flags":2,"num
_pkts":4,"num_octets":240,"sample_algo":null,"sample_interval":null,"query_type
":"flows"}
{"start_time":"2020-10-30
11:38:06","src_ip_addr":"145.220.24.215","src_cc":"NL","dst_ip_addr":"31.184.25
4.94","dst_cc":"RU","proto":17,"src_port":43395,"dst_port":53,"tcp_flags":0,"nu
m_pkts":1,"num_octets":73,"sample_algo":null,"sample_interval":null,"query_type
":"flows"}
{"start_time":"2020-10-31
15:34:48","src_ip_addr":"139.59.245.162","src_cc":"SG","dst_ip_addr":"31.184.25
4.94","dst_cc":"RU","proto":6,"src_port":31337,"dst_port":1287,"tcp_flags":2,"n
um_pkts":8192,"num_octets":327680,"sample_algo":null,"sample_interval":null,"qu
ery_type":"flows"}
{"start_time":"2020-10-31
15:34:48","src_ip_addr":"139.59.245.162","src_cc":"SG","dst_ip_addr":"31.184.25
4.94","dst_cc":"RU","proto":6,"src_port":31337,"dst_port":1088,"tcp_flags":2,"n
um_pkts":3000,"num_octets":120000,"sample_algo":null,"sample_interval":null,"qu
ery_type":"flows"}
{"start_time":"2020-11-06
17:37:08","src_ip_addr":"31.184.254.94","src_cc":"RU","dst_ip_addr":"27.147.131
.150","dst_cc":"BD","proto":6,"src_port":80,"dst_port":44367,"tcp_flags":25,"nu
m_pkts":2,"num_octets":553,"sample_algo":null,"sample_interval":null,"query_typ
e":"flows"}
{"start_time":"2020-11-09
22:32:33","src_ip_addr":"31.184.254.94","src_cc":"RU","dst_ip_addr":"192.241.23
```

```
4.142","dst_cc":"US","proto":6,"src_port":587,"dst_port":37890,"tcp_flags":18,"
num_pkts":8192,"num_octets":393216,"sample_algo":null,"sample_interval":null,"q
uery_type":"flows"}
{"start_time":"2020-11-10
09:28:43","src_ip_addr":"145.220.0.46","src_cc":"NL","dst_ip_addr":"31.184.254.
94","dst_cc":"RU","proto":17,"src_port":26592,"dst_port":3544,"tcp_flags":0,"nu
m_pkts":1,"num_octets":68,"sample_algo":null,"sample_interval":null,"query_type
":"flows"}
{"start_time":"2020-11-12
01:15:08","src_ip_addr":"128.199.105.148","src_cc":"SG","dst_ip_addr":"31.184.2
54.94","dst_cc":"RU","proto":6,"src_port":45458,"dst_port":22,"tcp_flags":16,"n
um_pkts":8192,"num_octets":425984,"sample_algo":null,"sample_interval":null,"qu
ery_type":"flows"}
{"start_time":"2020-11-13
11:42:25","src_ip_addr":"31.184.254.94","src_cc":"RU","dst_ip_addr":"103.16.26.
160","dst_cc":"HK","proto":6,"src_port":21746,"dst_port":9001,"tcp_flags":2,"nu
m_pkts":1,"num_octets":40,"sample_algo":null,"sample_interval":null,"query_type
":"flows"}
{"start_time":"2020-11-14
11:53:00","src_ip_addr":"104.248.126.166","src_cc":"US","dst_ip_addr":"31.184.2
54.94","dst_cc":"RU","proto":6,"src_port":58370,"dst_port":22,"tcp_flags":24,"n
um_pkts":8192,"num_octets":557056,"sample_algo":null,"sample_interval":null,"qu
ery_type":"flows"}
{"start_time":"2020-11-14
21:16:58","src_ip_addr":"31.184.254.94","src_cc":"RU","dst_ip_addr":"168.167.91
.69","dst_cc":"BW","proto":1,"src_port":0,"dst_port":778,"tcp_flags":0,"num_pkt
s":1,"num_octets":68,"sample_algo":null,"sample_interval":null,"query_type":"fl
ows"}
{"start_time":"2020-11-14
22:30:34","src_ip_addr":"31.184.254.94","src_cc":"RU","dst_ip_addr":"165.227.16
4.190","dst_cc":"DE","proto":6,"src_port":20264,"dst_port":65372,"tcp_flags":16
,"num_pkts":3000,"num_octets":120000,"sample_algo":null,"sample_interval":null,
"query_type":"flows"}
{"start_time":"2020-11-15
04:25:18","src_ip_addr":"31.184.254.94","src_cc":"RU","dst_ip_addr":"168.167.91
.69","dst_cc":"BW","proto":1,"src_port":0,"dst_port":778,"tcp_flags":0,"num_pkt
s":1,"num_octets":68,"sample_algo":null,"sample_interval":null,"query_type":"fl
ows"}
{"start_time":"2020-11-16
00:19:07","src_ip_addr":"31.184.254.94","src_cc":"RU","dst_ip_addr":"168.167.91
.69","dst_cc":"BW","proto":1,"src_port":0,"dst_port":778,"tcp_flags":0,"num_pkt
s":1,"num_octets":68,"sample_algo":null,"sample_interval":null,"query_type":"fl
ows"}
{"start_time":"2020-11-16
03:18:00","src_ip_addr":"31.184.254.94","src_cc":"RU","dst_ip_addr":"23.160.193
.39","dst_cc":"US","proto":1,"src_port":0,"dst_port":778,"tcp_flags":0,"num_pkt
s":1,"num_octets":68,"sample_algo":null,"sample_interval":null,"query_type":"fl
ows"}
{"start_time":"2020-11-16
21:18:53","src_ip_addr":"31.184.254.94","src_cc":"RU","dst_ip_addr":"168.167.91
.69","dst_cc":"BW","proto":1,"src_port":0,"dst_port":778,"tcp_flags":0,"num_pkt
```

```
s":1,"num_octets":68,"sample_algo":null,"sample_interval":null,"query_type":"fl
ows"}
{"start_time":"2020-11-17
02:17:21","src_ip_addr":"31.184.254.94","src_cc":"RU","dst_ip_addr":"167.71.225
.166","dst_cc":"US","proto":1,"src_port":0,"dst_port":778,"tcp_flags":0,"num_pk
ts":3000,"num_octets":204000,"sample_algo":null,"sample_interval":null,"query_t
ype":"flows"}
{"start_time":"2020-11-17
12:50:44","src_ip_addr":"192.42.116.15","src_cc":"NL","dst_ip_addr":"31.184.254
.94","dst_cc":"RU","proto":6,"src_port":60874,"dst_port":993,"tcp_flags":27,"nu
m_pkts":10,"num_octets":1139,"sample_algo":null,"sample_interval":null,"query_t
ype":"flows"}
{"start_time":"2020-11-17
14:02:11","src_ip_addr":"27.0.180.89","src_cc":"IN","dst_ip_addr":"31.184.254.9
4","dst_cc":"RU","proto":6,"src_port":62133,"dst_port":445,"tcp_flags":2,"num_p
kts":1,"num_octets":52,"sample_algo":null,"sample_interval":null,"query_type":"
flows"}
{"start_time":"2020-11-18
21:24:23","src_ip_addr":"87.120.254.105","src_cc":"BG","dst_ip_addr":"31.184.25
4.94","dst_cc":"RU","proto":6,"src_port":36286,"dst_port":22,"tcp_flags":2,"num
_pkts":3,"num_octets":180,"sample_algo":null,"sample_interval":null,"query_type
":"flows"}
{"start_time":"2020-11-19
00:37:39","src_ip_addr":"31.184.254.94","src_cc":"RU","dst_ip_addr":"167.172.49
.139","dst_cc":"US","proto":6,"src_port":22,"dst_port":48440,"tcp_flags":16,"nu
m_pkts":8192,"num_octets":425984,"sample_algo":null,"sample_interval":null,"que
ry_type":"flows"}
{"start_time":"2020-11-19
01:18:06","src_ip_addr":"31.184.254.94","src_cc":"RU","dst_ip_addr":"165.232.45
.141","dst_cc":"US","proto":1,"src_port":0,"dst_port":771,"tcp_flags":0,"num_pk
ts":8192,"num_octets":720896,"sample_algo":null,"sample_interval":null,"query_t
ype":"flows"}
{"timestamp":"2020-10-20 19:00:01","dnsrr":"weather-
online.hopto.org","ip_addr":"58.158.177.102","cc":"JP","type":"A","ttl":60,"que
ry_type":"apt_dns"}
{"start_time":"2020-11-19
22:26:49","src_ip_addr":"188.226.188.45","src_cc":"NL","dst_ip_addr":"31.184.25
4.94","dst_cc":"RU","proto":6,"src_port":52372,"dst_port":22,"tcp_flags":17,"nu
m_pkts":8192,"num_octets":425984,"sample_algo":null,"sample_interval":null,"que
ry_type":"flows"}
{"timestamp":"2020-03-02
10:59:58","dnsrr":"ftp.jpgdowngaussip.ddns.info","confidence":50,"query_type":"
apt_dnsrr"}
{"timestamp":"2021-03-02 19:08:56","hostname":"http:\/\/
send.mofa.ns01.info:53\/update?id=00528208","query_type":"apt_hostname"}
{"timestamp":"2020-01-01
00:14:19","ip_addr":"219.85.40.59","cc":"TW","query_type":"apt_ip"}
{"timestamp":"2020-11-30
23:10:01","ip_addr":"52.219.120.147","cc":"US","asn":"16509","ptr":"s3-website-
us-west-1.amazonaws.com","query_type":"banners_ptr"}
{"timestamp":"2021-03-22
```

23:55:01","ip_addr":"123.58.210.170","cc":"CN","port":22,"type":"ssh","data":"{
\n   \"banner\" : \"SSH-2.0-OpenSSH_7.4\",\n   \"key_type\" : \"ssh_rsa\",\n
\"auth_list\" : [\n   \"publickey\",\n   \"password\"\n   ],\n
\"key_fingerprint\" : \"e5:e4:1d:e6:02:5e:c2:2d:a2:cb:cb:bb:b3:d1:26:91\"\n}
\n","sub_type":"Net::SSH2","asn":"","ssl":true,"query_type":"banners"}
{"hostname":"us-east-1-
a.route.herokuapp.com","ip_addr":"18.211.160.51","cc":"US","proto":6,"port":80,
"controller_uri":"http:\/\/us-east-1-
a.route.herokuapp.com\/","type":"http","family":"vertexnet","subfamily":"contro
ller v1","first_seen":"2019-07-05 03:35:06","last_seen":"2020-03-01
05:50:34","active":false,"query_type":"bars_controllers"}
{"timestamp":"2021-03-30
02:37:27","host_ip_addr":"45.179.206.24","host_cc":"BR","proto":6,"port":38485,
"controller":"http:\/\/sonic4us.ru\/http\/
image.php","controller_ip_addr":"184.105.192.2","controller_cc":"US","controlle
r_port":80,"reputation_score":90,"asn":"269100","family":"smokeloader","subfami
ly":"controller v1","query_type":"bars_victims"}
{"timestamp":"2021-03-27
00:00:28","ip_addr":"134.122.113.222","cc":"US","asn":"14061","comment":"ssh","
rir":"arin","src_port":null,"malware":null,"query_type":"compromised_hosts"}
{"timestamp":"2021-03-27
00:00:30","ip_addr":"135.125.23.66","cc":"FR","asn":"16276","comment":"ssh","ri
r":"ripencc","src_port":null,"malware":null,"query_type":"compromised_hosts"}
{"timestamp":"2021-01-03
07:38:24","client_ip_addr":"183.2.200.133","client_cc":"CN","server_ip_addr":"4
7.246.16.254","server_cc":"HK","server_comment":"download.alicdn.com.danuoyi.tb
cache.com","server_port":80,"proto":6,"query_type":"beacons"}
{"timestamp":"2020-11-30
07:58:36","src_ip_addr":"164.68.112.178","src_cc":"DE","src_port":59943,"applic
ation_proto":"s7comm","data":"{\"type\":
\"CONNECTION_LOST\"}","query_type":"conpot_honeypot"}
{"timestamp":"2020-06-29
07:38:15","src_ip_addr":"45.125.65.118","src_cc":"HK","src_port":34657,"dst_ip_
addr":"208.112.30.120","dst_cc":"US","dst_port":80,"host":"www.fabtechdrillinge
quipment.com","uri":"GET /Contact-Us","user_agent":"Mozilla/5.0 (Windows NT
10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/58.0.3029.110
Safari/537.36 Edge/16.16299","referer":"http://
www.fabtechdrillingequipment.com/Contact-
Us","language":null,"cookie":"dnn_IsMobile=False; language=en-
US","cookie_sha1":"cfa3c4fbe0d5547397df85e6becf7bc400dffafa","query_type":"cook
ies"}
{"timestamp":"2020-09-18
15:44:21","src_ip_addr":"31.184.254.94","src_cc":"RU","src_port":8602,"dst_port
":23,"proto":6,"length":null,"ip_version":4,"query_type":"darknet"}
{"start_time":"2021-03-14 00:00:02","end_time":"2021-03-14
00:00:03","commands":null,"credentials":"[]","dst_port":22,"logged_in":"{root,1
23}","src_ip_addr":"45.227.255.205","src_cc":"PA","src_port":65332,"unknown_com
mands":null,"query_type":"cowrie_honeypot"}
{"begin_time":"2021-03-01 00:00:58","end_time":"2021-03-01
00:00:58","target_hostname":"tcp:\/\/
42.193.216.140:10002","target_ip_addr":"42.193.216.140","target_cc":"CN","subta

```
rget":null,"controller":"tcp:\/\/
www1.gggatat456.com:1522","controller_ip_addr":"51.68.183.108","controller_cc":
"CN","controller_port":1522,"command":"Type: aux_ddos\nData:
KsHYjBInAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAABQAAAAIAAAB4AwAA","family":"xorddos","subfa
mily":"controller v1","query_type":"ddos_attacks"}
{"results":null,"query_type":"ddos_commands"}
{"observed_at":"2020-11-16
02:02:06","fqdn":"215t8vwczjo.cg12r.com","message_id":"c49ab7ff4ca7428ea1843b3e
85589f24@2a98cb2b5c3248f3b0d9eb1de17044cb","query_type":"spam_domains"}
{"timestamp":"2021-02-25
13:00:03","application_proto":"pcap","proto":"tcp","connection_type":"reject","
dst_port":33747,"src_ip_addr":"45.135.232.109","src_cc":"RU","src_port":42234,"
query_type":"dionaea_honeypot"}
{"timestamp":"2020-12-08
20:32:52","proto":17,"src_ip_addr":"112:111:113:242","src_cc":"US","dst_ip_addr
":"20:50:23:2","dst_cc":"US","qname":"worstyear2020.com","class":"IN","type":"D
S","zone":"com","query_type":"dns_query"}
{"timestamp":"2020-09-11
00:00:00","ip_addr":"110.180.243.61","cc":"CN","fingerprint":"TIMEOUT  id
unavailable (query timed out)","query_type":"dns_fingerprint"}
{"start_time":"2020-10-30
11:38:06","src_ip_addr":"145.220.24.215","src_cc":"NL","dst_ip_addr":"31.184.25
4.94","dst_cc":"RU","proto":17,"src_port":43395,"dst_port":53,"tcp_flags":0,"nu
m_pkts":1,"num_octets":73,"sample_algo":null,"sample_interval":null,"query_type
":"flows"}
{"timestamp":"2021-04-01
00:02:40","ip_addr":"154.182.117.254","cc":"EG","dnsrr":"host-154.182.254.117-
static.tedata.net","query_type":"nmap_dnsrr"}
{"timestamp":"2020-11-16
17:55:24","ip_addr":"31.184.254.94","cc":"RU","os":"Host: splitstore; OS:
Unix","query_type":"nmap_fingerprint"}
{"timestamp":"2021-04-01
00:02:40","ip_addr":"178.89.155.145","cc":"KZ","proto":"tcp","port":53,"service
":"tcpwrapped","version":"","query_type":"nmap_port"}
{"timestamp":"2021-04-20
00:14:59","src_ip_addr":"5.89.44.199","src_cc":"IT","version":"4","processor":"
unknown","system":"UNIX","stratum":5,"refid":"91.80.35.139","refid_cc":"IT","ra
w":"version=\"4\", processor=\"unknown\", system=\"UNIX\", leap=0, stratum=5,
precision=-21, rootdelay=, rootdisp=, refid=91.80.35.139,
reftime=0xE4289561.A7F8063A, clock=0xE4289B83.A96FAA0B, peer=5271, tc=10,
mintc=3, offset=, frequency=, sys_jitter=, clk_jitter=,
clk_wander=","query_type":"ntp_server"}
{"timestamp":"2021-04-02
04:34:56","ip_addr":"168.233.48.220","cc":"US","proto":"tcp","port":179,"servic
e":null,"data":null,"asn":"40380","asname":"SIERRATRADINGPOST,
US","query_type":"open_ports"}
{"timestamp":"2020-06-30
```

```
04:54:50","src_ip_addr":"208.112.30.1","src_cc":"","proto":null,"section":"answ
er","aa":null,"qname":"tommybishop.com","class":"IN","type":"A","ttl":null,"rda
ta":"208.112.30.120","rdata_cc":"US","query_type":"pdns"}
{"timestamp":"2020-09-18
17:29:11","src_ip_addr":"31.184.254.94","src_cc":"RU","dst_ip_addr":"31.184.254
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{"observed_at":"2021-02-23 00:00:02","src_ip_addr":"69.75.148.206","src_cc":"US","src_port":33026,"dst_port":25,"from_name":"\"Kunlun Energy\"","from_email":"shil1allen@hotmail.com","to_addrs":"Kaliyaha51@icloud.com","cc_addrs":"","rcpt_to_addrs":"kaliyaha51@icloud.com","subject":"Employment Opportunities Job","message_id":null,"query_type":"spam_headers"}
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":null,"qname":"betterfuturekkp.com","class":"IN","type":"NS","ttl":null,"rdata
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{"timestamp":"2021-03-17
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{"results":null,"query_type":"ddos_commands"}
{"timestamp":"2021-05-11
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ndwidth":292,"uptime":2282367,"fingerprint":"FFFB FB50 A83A 414C C21B 4CDA 93A9
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07:49:33","weight":51,"query_type":"tor"}
.......
```


Query Type Mapping

TEAM CYMRU `QUERY_TYPE` VALUE	THREATQ ATTRIBUTE VALUE
apt_dns	Team Cymru APT Threats DNS
apt_dnsrr	Team Cymru APT Threats DNS RR
apt_hostname	Team Cymru APT Threats Hostnames
apt_ip	Team Cymru APT Threats IPs

TEAM CYMRU `QUERY_TYPE` VALUE	THREATQ ATTRIBUTE VALUE
banners	Team Cymru Banners
banners_ptr	Team Cymru Banners PTR
bars_controllers	Team Cymru BARS Botnet Controllers
bars_victims	Team Cymru BARS Botnet Victims
beacons	Team Cymru Beacons
compromised_hosts	Team Cymru Compromised Hosts
conpot_honeypot	Team Cymru Conpot
cookies	Team Cymru Cookies
cowrie_honeypot	Team Cymru Cowrie
darknet	Team Cymru Darknet
ddos_attacks	Team Cymru BARS Observed DDoS Attacks
ddos_commands	Team Cymru Observed DDoS Attack Commands
dionaea_honeypot	Team Cymru Dionaea
dns_fingerprint	Team Cymru DNS Server Fingerprinting
dns_derived_domains_via_domain	Team Cymru DNS Derived Domains Via Domains
dns_derived_domains_via_ip	Team Cymru DNS Derived Domains Via IPs
dns_derived_ips_via_domain	Team Cymru DNS Derived IPs Via Domains

TEAM CYMRU `QUERY_TYPE` VALUE	THREATQ ATTRIBUTE VALUE
dns_derived_ips_via_ip	Team Cymru DNS Derived IPs Via IPs
dns_query	Team Cymru DNS Queries
flows	Team Cymru Network Flows
nmap_dnsrr	Team Cymru NMap Reverse DNS Lookups
nmap_fingerprint	Team Cymru NMap OS Fingerprinting
nmap_port	Team Cymru NMap Open Ports
ntp_server	Team Cymru NTP Server Info
open_ports	Team Cymru Open Ports
open_resolvers	Team Cymru Open Resolvers
pdns	Team Cymru PDNS
pdns_nxd	Team Cymru PDNS NXDomain
pdns_other	Team Cymru PDNS Other Records
portscan	Team Cymru Port Scan
rdp_traffic	Team Cymru RDP
router	Team Cymru Router Information
scanner	Team Cymru Scanner
sip	Team Cymru SIP Info

TEAM CYMRU `QUERY_TYPE` VALUE	THREATQ ATTRIBUTE VALUE
snmp	Team Cymru SNMP Info
spam_domains	Team Cymru Spam Domains
spam_headers	Team Cymru Spam Headers
ssh	Team Cymru SSH Info
tor	Team Cymru Tor Public
urls	Team Cymru URLs
useragents	Team Cymru UserAgents
x509	Team Cymru x509 Certs
malware_sandbox	Team Cymru Malware Sandbox

ThreatQ provides the following default mapping for this feed, based on the `.query_type` value of each line.

> The attributes corresponding to each indicator are present after the row containing the actual indicator.

.query_type is apt_dns

If `.query_type` is `"apt_dns"`:

FEED DATA PATH	THREATQ ENTITY	THREATQ OBJECT TYPE OR ATTRIBUTE KEY	EXAMPLES	NOTES
.dnsrr	Related Indicator.Value	FQDN	'weather-online.hopto.org'	
.query_type	Related Indicator.Attribute	Query Type	'Team Cymru APT Threats DNS'	Maps the value of .query_type key to a string based on the Query Type Mapping below. If no match is found, the indicator and corresponding attributes are not ingested.
.ttl	Related Indicator.Attribute	TTL	'60'	Updatable
.type	Related Indicator.Attribute	DNS Record Type	'A'	
.ip_addr	Related Indicator.Value	IP Address	'58.158.177.102'	
.cc	Related Indicator.Attribute	Country Code	'JP'	

.query_type is apt_dnsrr

If `.query_type` is `"apt_dnsrr"`:

FEED DATA PATH	THREATQ ENTITY	THREATQ OBJECT TYPE OR ATTRIBUTE KEY	EXAMPLES	NOTES
.dnsrr	Indicator.Value	FQDN	'ftp.jpgdowngaussip.ddns.info'	
.query_type	Indicator.Attribute	Query Type	'Team Cymru APT Threats DNS RR'	Maps the value of .query_type key to a string based on the Query Type Mapping. If no match is found, the indicator and corresponding attributes are not ingested.
.confidence	Indicator.Attribute	Confidence	'50'	Updatable

.query_type is apt_hostname

If `.query_type` is `"apt_hostname"`:

FEED DATA PATH	THREATQ ENTITY	THREATQ OBJECT TYPE OR ATTRIBUTE KEY	EXAMPLES	NOTES
.hostname	Indicator.Value	URL	'http://send.mofa.ns01.info:53/update?id=00528208'	

FEED DATA PATH	THREATQ ENTITY	THREATQ OBJECT TYPE OR ATTRIBUTE KEY	EXAMPLES	NOTES
.query_type	Indicator.Attribute	Query Type	'Team Cymru APT Threats Hostnames'	Maps the value of .query_type key to a string based on the Query Type Mapping. If no match is found, the indicator and corresponding attributes are not ingested.

.query_type is apt_ip

If `.query_type` is `"apt_ip"`:

FEED DATA PATH	THREATQ ENTITY	THREATQ OBJECT TYPE OR ATTRIBUTE KEY	EXAMPLES	NOTES
.ip_addr	Indicator.Value	IP Address	'219.85.40.59'	
.query_type	Indicator.Attribute	Query Type	'Team Cymru APT Threats IPs'	Maps the value of .query_type key to a string based on the Query Type Mapping. If no match is found, the indicator and corresponding attributes are not ingested.
.cc	Indicator.Attribute	Country Code	'TW'	

.query_type is banners

If `.query_type` is `"banners"`:

FEED DATA PATH	THREATQ ENTITY	THREATQ OBJECT TYPE OR ATTRIBUTE KEY	EXAMPLES	NOTES
.ip_addr	Indicator.Value	IP Address	'123.58.210.170'	
.query_type	Indicator.Attribute	Query Type	'Team Cymru Banners'	Maps the value of .query_type key to a string based on the Query Type Mapping. If no match is found, the indicator and corresponding attributes are not ingested.
.cc	Indicator.Attribute	Country Code	'CN'	
.asn	Indicator.Attribute	ASN		
.port	Indicator.Attribute	Port	'22'	
.type	Indicator.Attribute	Type	'ssh'	
.sub_type	Indicator.Attribute	Sub-Type	'Net::SSH2'	

.query_type is banners_ptr

If `.query_type` is `"banners_ptr"`:

FEED DATA PATH	THREATQ ENTITY	THREATQ OBJECT TYPE OR ATTRIBUTE KEY	EXAMPLES	NOTES
.ip_addr	Indicator.Value	IP Address	'52.219.120.147'	
.query_type	Indicator.Attribute	Query Type	'Team Cymru Banners PTR'	Maps the value of .query_type key to a string based on the Query Type Mapping. If no match is found, the indicator and corresponding attributes are not ingested.

FEED DATA PATH	THREATQ ENTITY	THREATQ OBJECT TYPE OR ATTRIBUTE KEY	EXAMPLES	NOTES
.cc	Indicator.Attribute	Country Code	'US'	
.asn	Indicator.Attribute	ASN	'16509'	
.ptr	Indicator.Attribute	PTR Record	's3-website-us-west-1.amazonaws.com'	

.query_type is bars_controllers

If `.query_type` is `"bars_controllers"`:

FEED DATA PATH	THREATQ ENTITY	THREATQ OBJECT TYPE OR ATTRIBUTE KEY	PUBLISHED AT	EXAMPLES	NOTES
.ip_addr	Related Indicator.Value	IP Address	.first_seen	'18.211.160.51'	
.query_type	Related Indicator.Attribute	Query Type	.first_seen	'Team Cymru BARS Botnet Controllers'	Maps the value of .query_type key to a string based on the Query Type Mapping. If no match is found, the indicator and corresponding attributes are not ingested.
.cc	Related Indicator.Attribute	Country Code	.first_seen	'US'	
.family	Related Indicator.Attribute	Malware Family	.first_seen	'vertexnet'	
.subfamily	Related Indicator.Attribute	Malware Sub-Family	.first_seen	'controller v1'	
.port	Related Indicator.Attribute	Port	.first_seen	'80'	
.proto	Related Indicator.Attribute	Protocol	.first_seen	'6'	
.type	Related Indicator.Attribute	Protocol Type	.first_seen	'http'	
.controller_uri	Related Indicator.Value	URL	.first_seen	'http://us-east-1-a.route.herokuapp.com/'	
.hostname	Related Indicator.Value	FQDN	.first_seen	'us-east-1-a.route.herokuapp.com'	

.query_type is bars_victims

- If `.query_type` is `"bars_victims"`:

FEED DATA PATH	THREATQ ENTITY	THREATQ OBJECT TYPE OR ATTRIBUTE KEY	EXAMPLES	NOTES
.controller_ip_addr	Related Indicator.Value	IP Address	'184.105.192.2'	
.query_type	Related Indicator.Attribute	Query Type	'Team Cymru BARS Botnet Victims'	Maps the value of .query_type key to a string based on the Query Type Mapping. If no match is found, the

FEED DATA PATH	THREATQ ENTITY	THREATQ OBJECT TYPE OR ATTRIBUTE KEY	EXAMPLES	NOTES
				indicator and corresponding attributes are not ingested.
.asn	Related Indicator.Attribute	ASN	'269100'	
.controller_cc	Related Indicator.Attribute	Country Code	'US'	
.controller	Related Indicator.Attribute	Controller	'http://sonic4us.ru/http/image.php'	
.controller_port	Related Indicator.Attribute	Port	'80'	
.family	Related Indicator.Attribute	Malware Family	'smokeloader'	
.subfamily	Related Indicator.Attribute	Malware Sub-Family	'controller v1'	
.host_ip_addr	Related Indicator.Value	IP Address	'45.179.206.24'	
.host_cc	Related Indicator.Attribute	Country Code	'BR'	
.proto	Related Indicator.Attribute	Protocol	'6'	

.query_type is beacons

If `.query_type` is `"beacons"`:

FEED DATA PATH	THREATQ ENTITY	THREATQ OBJECT TYPE OR ATTRIBUTE KEY	EXAMPLES	NOTES
.server_ip_addr	Related Indicator.Value	IP Address	'47.246.16.254'	
.query_type	Related Indicator.Attribute	Query Type	'Team Cymru Beacons'	Maps the value of .query_type key to a string based on the Query Type Mapping. If no match is found, the indicator and corresponding attributes are not ingested.
.server_port	Related Indicator.Attribute	Port	'80'	
.server_comment	Related Indicator.Attribute	Server Comment	'download.alicdn.com.danuoyi.tbcache.com'	
.server_cc	Related Indicator.Attribute	Country Code	'HK'	
.proto	Related Indicator.Attribute	Protocol	'6'	
.client_ip_addr	Related Indicator.Value	IP Address	'183.2.200.133'	
.client_cc	Related Indicator.Attribute	Country Code	'CN'	

.query_type is compromised_hosts

If `.query_type` is `"compromised_hosts"`:

FEED DATA PATH	THREATQ ENTITY	THREATQ OBJECT TYPE OR ATTRIBUTE KEY	EXAMPLES	NOTES
.ip_addr	Indicator.Value	IP Address	'135.125.23.66'	
.query_type	Indicator.Attribute	Query Type	'Team Cymru Compromised Hosts'	Maps the value of .query_type key to a string based on the Query Type Mapping. If no match is found, the indicator and corresponding attributes are not ingested.
.asn	Indicator.Attribute	ASN	'16276'	
.comment	Indicator.Attribute	Comment	'ssh'	
.cc	Indicator.Attribute	Country Code	'FR'	
.malware	Indicator.Attribute	Malware Family	'null'	
.rir	Indicator.Attribute	Regional Internet Registry	'ripencc'	
.src_port	Indicator.Attribute	Port	'null'	

.query_type is conpot_honeypot

If `.query_type` is `"conpot_honeypot"`:

FEED DATA PATH	THREATQ ENTITY	THREATQ OBJECT TYPE OR ATTRIBUTE KEY	EXAMPLES	NOTES
.src_ip_addr	Indicator.Value	IP Address	'164.68.112.178'	
.query_type	Indicator.Attribute	Query Type	'Team Cymru Conpot'	Maps the value of .query_type key to a string based on the Query Type Mapping. If no match is found, the indicator and corresponding attributes are not ingested.
.application_proto	Indicator.Attribute	Application Protocol	's7comm'	
.data	Indicator.Attribute	Data	'{"type"`: "CONNECTION_LOST"}'	
.src_cc	Indicator.Attribute	Country Code	'DE'	
.src_port	Indicator.Attribute	Port	'59943'	

.query_type is cookies

If `.query_type` is `"cookies"`:

FEED DATA PATH	THREATQ ENTITY	THREATQ OBJECT TYPE OR ATTRIBUTE KEY	EXAMPLES	NOTES
.dst_ip_addr	Related Indicator.Value	IP Address	'135.125.23.66'	
.query_type	Related Indicator.Attribute	Query Type	'Team Cymru Cookies'	Mapped based on the `Query Type Mapping`. If no match is found, the indicator and corresponding attributes are not ingested.
.dst_cc	Related Indicator.Attribute	Country Code	'HK'	
.dst_port	Related Indicator.Attribute	Port	'80'	
.host	Related Indicator.Value	FQDN or IP Address	'www.fabtechdrillingequipment.com'	
.query_type	Related Indicator.Attribute	Query Type	'Team Cymru Cookies'	
.language	Related Indicator.Attribute	Language	'null'	
.referer	Related Indicator.Attribute	Referer	'"http://www.fabtechdrillingequipment.com/Contact-Us'	
.uri	Related Indicator.Attribute	URI	'GET /Contact-Us'	
.src_ip_addr	Related Indicator.Value	IP Address	'45.125.65.118'	
.query_type	Related Indicator.Attribute	Query Type	'Team Cymru Cookies'	
.src_cc	Related Indicator.Attribute	Country Code	'HK'	

FEED DATA PATH	THREATQ ENTITY	THREATQ OBJECT TYPE OR ATTRIBUTE KEY	EXAMPLES	NOTES
.src_port	Related Indicator.Attribute	Port	'34657'	

.query_type is cowrie_honeypot

If `.query_type` is `"cowrie_honeypot"`:

FEED DATA PATH	THREATQ ENTITY	THREATQ OBJECT TYPE OR ATTRIBUTE KEY	EXAMPLES	NOTES
.src_ip_addr	Indicator.Value	IP Address	'45.227.255.205'	
.query_type	Indicator.Attribute	Query Type	'Team Cymru Cowrie'	Maps the value of .query_type key to a string based on the Query Type Mapping. If no match is found, the indicator and corresponding attributes are not ingested.
.src_cc	Indicator.Attribute	Country Code	'PA'	
.src_port	Indicator.Attribute	Port	'65332'	
.dst_port	Indicator.Attribute	Destination Port	'22'	
.commands	Indicator.Attribute	Commands	'null'	
.credentials	Indicator.Attribute	Credentials	'[]'	
.logged_in	Indicator.Attribute	Logged In	'{root,123}'	
.unknown_commands	Indicator.Attribute	Unknown Commands	'null'	

.query_type is darknet

If `.query_type` is `"darknet"`:

FEED DATA PATH	THREATQ ENTITY	THREATQ OBJECT TYPE OR ATTRIBUTE KEY	EXAMPLES	NOTES
.src_ip_addr	Indicator.Value	IP Address	'31.184.254.94'	
.query_type	Indicator.Attribute	Query Type	'Team Cymru Darknet'	Maps the value of .query_type key to a string based on the Query Type Mapping. If no match is found, the indicator and corresponding attributes are not ingested.
.src_cc	Indicator.Attribute	Country Code	'RU'	
.src_port	Indicator.Attribute	Port	'8602'	
.dst_port	Indicator.Attribute	Destination Port	'23'	
.ip_version	Indicator.Attribute	IP Version	'4'	
.length	Indicator.Attribute	Packet Length	'null'	
.proto	Indicator.Attribute	Protocol	'6'	

.query_type is ddos_attacks

If `.query_type` is `"ddos_attacks"`:

FEED DATA PATH	THREATQ ENTITY	THREATQ OBJECT TYPE OR ATTRIBUTE KEY	EXAMPLES	NOTES
.controller_ip_addr	Related Indicator.Value	IP Address	'51.68.183.108'	
.query_type	Related Indicator.Attribute	Query Type	'Team Cymru BARS Observed DDoS Attacks'	Maps the value of .query_type key to a string based on the Query Type Mapping. If no match is found, the indicator and corresponding attributes are not ingested.
.controller	Related Indicator.Attribute	Controller	'tcp://www1.gggatat456.com:1522'	
.controller_cc	Related Indicator.Attribute	Country Code	'CN'	
.controller_port	Related Indicator.Attribute	Port	'1522'	
.family	Related Indicator.Attribute	Malware Family	'xorddos'	
.subfamily	Related Indicator.Attribute	Malware Sub-Family	'controller'	
.subtarget	Related Indicator.Attribute	Sub-target	'null'	
.attack_command	Related Indicator.Attribute	Commands		
.controller_port	Related Indicator.Attribute	Port	'6002'	
.command	Related Indicator.Attribute	Commands	'Type: aux_ddos\nData: Z3pch1AAAAA'	
.target_cc	Related Indicator.Attribute	Target Country Code	'CN'	
.target_hostname	Related Indicator.Value	FQDN	'tcp://42.193.216.140:10002'	
.target_ip_addr	Related Indicator.Value	IP Address	'42.193.216.140'	
.target_cc	Related Indicator.Attribute	Target Country Code	'CN'	

.query_type is ddos_commands

If `.query_type` is `"ddos_commands"`:

FEED DATA PATH	THREATQ ENTITY	THREATQ OBJECT TYPE OR ATTRIBUTE KEY	EXAMPLES	NOTES
.controller_ip_addr	Related Indicator.Value	IP Address		

FEED DATA PATH	THREATQ ENTITY	THREATQ OBJECT TYPE OR ATTRIBUTE KEY	EXAMPLES	NOTES
.query_type	Related Indicator.Attribute	Query Type	'Team Cymru Observed DDoS Attack Commands'	Maps the value of .query_type key to a string based on the Query Type Mapping. If no match is found, the indicator and corresponding attributes are not ingested.
.controller	Related Indicator.Attribute	Controller		
.controller_cc	Related Indicator.Attribute	Country Code		
.controller_port	Related Indicator.Attribute	Port		
.controller_type	Related Indicator.Attribute	Controller Type		
.subtarget	Related Indicator.Attribute	Sub-target		
.attack_command	Related Indicator.Attribute	Commands		
.target_hostname	Related Indicator.Value	FQDN		
.target_ip_addr	Related Indicator.Value	IP Address		
.target_cc	Related Indicator.Attribute	Target Country Code		

.query_type is dionaea_honeypot

If `.query_type` is `"dionaea_honeypot"`:

FEED DATA PATH	THREATQ ENTITY	THREATQ OBJECT TYPE OR ATTRIBUTE KEY	EXAMPLES	NOTES
.src_ip_addr	Indicator.Value	IP Address	'45.135.232.109'	
.query_type	Indicator.Attribute	Query Type	'Team Cymru Dionaea'	Maps the value of .query_type key to a string based on the Query Type Mapping. If no match is found, the indicator and corresponding attributes are not ingested.
.src_cc	Indicator.Attribute	Country Code	'RU'	
.src_port	Indicator.Attribute	Port	'42234'	
.application_proto	Indicator.Attribute	Application Protocol	'pcap'	
.connection_type	Indicator.Attribute	Connection Type	'reject'	
.dst_port	Indicator.Attribute	Destination Port	'33747'	
.proto	Indicator.Attribute	Protocol	'tcp'	

.query_type is dns_derived_domains_via_domain

If `.query_type` is `"dns_derived_domains_via_domain"`:

FEED DATA PATH	THREATQ ENTITY	THREATQ OBJECT TYPE OR ATTRIBUTE KEY	EXAMPLES	NOTES
.query_term	Related Indicator.Value	FQDN		
.query_type	Related Indicator.Attribute	Query Type	'Team Cymru DNS Derived Domains Via Domains'	Maps the value of .query_type key to a string based on the Query Type Mapping. If no match is found, the indicator and corresponding attributes are not ingested.
.related_domain	Related Indicator.Value	FQDN		

.query_type is dns_derived_domains_via_ip

If `.query_type` is `"dns_derived_domains_via_ip"`:

FEED DATA PATH	THREATQ ENTITY	THREATQ OBJECT TYPE OR ATTRIBUTE KEY	EXAMPLES	NOTES
.query_term	Related Indicator.Value	FQDN		
.query_type	Related Indicator.Attribute	Query Type	'Team Cymru DNS Derived Domains Via IPs'	Maps the value of .query_type key to a string based on the Query Type Mapping. If no match is found, the indicator and corresponding attributes are not ingested.
.related_cc	Related Indicator.Attribute	Country Code		
.related_domain	Related Indicator.Value	FQDN		

.query_type is dns_derived_ips_via_domain

If `.query_type` is `"dns_derived_ips_via_domain"`:

FEED DATA PATH	THREATQ ENTITY	THREATQ OBJECT TYPE OR ATTRIBUTE KEY	EXAMPLES	NOTES
.query_term	Related Indicator.Value	FQDN or IP Address		
.query_type	Related Indicator.Attribute	Query Type	'Team Cymru DNS Derived IPs Via Domains'	Maps the value of .query_type key to a string based on the Query Type Mapping. If no match is found, the indicator and corresponding attributes are not ingested.
.related_cc	Related Indicator.Attribute	Country Code		
.related_ip_addr	Related Indicator.Value	FQDN		

.query_type is dns_derived_ips_via_ip

If `.query_type` is `"dns_derived_ips_via_ip"`:

FEED DATA PATH	THREATQ ENTITY	THREATQ OBJECT TYPE OR ATTRIBUTE KEY	EXAMPLES	NOTES
.query_term	Related Indicator.Value	FQDN or IP Address		
.query_type	Related Indicator.Attribute	Query Type	'Team Cymru DNS Derived IPs Via IPs'	Maps the value of .query_type key to a string based on the Query Type Mapping. If no match is found, the indicator and corresponding attributes are not ingested.
.query_term_cc	Related Indicator.Attribute	Country Code		
.related_ip_addr	Related Indicator.Value	IP Address		
.related_cc	Related Indicator.Attribute	Country Code		

.query_type is dns_query

If `.query_type` is `"dns_query"`:

FEED DATA PATH	THREATQ ENTITY	THREATQ OBJECT TYPE OR ATTRIBUTE KEY	EXAMPLES	NOTES
.dst_ip_addr	Related Indicator.Value	IP Address	'20:50:23:2'	
.query_type	Related Indicator.Attribute	Query Type	'Team Cymru DNS Queries'	Maps the value of .query_type key to a string based on the Query Type Mapping. If no match is found, the indicator and corresponding attributes are not ingested.
.dst_cc	Related Indicator.Attribute	Country Code	'US'	
.qname	Related Indicator.Value	FQDN	'worstyear2020.com'	
.proto	Related Indicator.Attribute	Protocol	'17'	
.type	Related Indicator.Attribute	DNS Record Type	'DS'	
.zone	Related Indicator.Attribute	Response Policy Zone	'com'	
.src_ip_addr	Related Indicator.Value	IP Address	'112:111:113:242'	
.src_cc	Related Indicator.Attribute	Country Code	'US'	

.query_type is dns_fingerprint

If `.query_type` is `"dns_fingerprint"`:

FEED DATA PATH	THREATQ ENTITY	THREATQ OBJECT TYPE OR ATTRIBUTE KEY	EXAMPLES	NOTES
.ip_addr	Indicator.Value	IP Address	'110.180.243.61'	
.query_type	Indicator.Attribute	Query Type	'Team Cymru DNS Server Fingerprinting'	Maps the value of .query_type key to a string based on the Query Type Mapping. If no match is found, the indicator and corresponding attributes are not ingested.
.cc	Indicator.Attribute	Country Code	'CN'	
.fingerprint	Indicator.Attribute	Fingerprint	'TIMEOUT id unavailable (query timed out)'	

.query_type is flows

If `.query_type` is `"flows"`:

FEED DATA PATH	THREATQ ENTITY	THREATQ OBJECT TYPE OR ATTRIBUTE KEY	EXAMPLES	NOTES
.dst_ip_addr	Related Indicator.Value	IP Address	'31.184.254.94'	
.query_type	Related Indicator.Attribute	Query Type	'Team Cymru Network Flows'	Maps the value of .query_type key to a string based on the Query Type Mapping. If no match is found, the indicator and corresponding attributes are not ingested.
.dst_cc	Related Indicator.Attribute	Country Code	'RU'	
.src_ip_addr	Related Indicator.Value	IP Address	'145.220.24.215'	
.src_cc	Related Indicator.Attribute	Country Code	'NL'	

.query_type is malware_sandbox

If `.query_type` is `"malware_sandbox"`:

FEED DATA PATH	THREATQ ENTITY	THREATQ OBJECT TYPE OR ATTRIBUTE KEY	EXAMPLES	NOTES
.md5	Related Indicator.Value	MD5	'4657573a39e00e1774227a530135c3fd'	
.query_type	Related Indicator.Attribute	Query Type	'Team Cymru Malware Sandbox'	Maps the value of .query_type key to a string based on the Query Type Mapping. If no match is found, the indicator and corresponding attributes are not ingested.

FEED DATA PATH	THREATQ ENTITY	THREATQ OBJECT TYPE OR ATTRIBUTE KEY	EXAMPLES	NOTES
.sha1	Related Indicator.Value	SHA-1	'ebda05de6a897c855f89e18258e9ec34fe722aa4'	
.sha256	Related Indicator.Value	SHA-256	'672a857e036c85364437210ca85ee88561a26cef631f27f58de68d21505ab815'	
.connections[].dst_ip_addr	Related Indicator.Value	IP Address	'172.217.21.233'	
.connections[].dst_cc	Related Indicator.Attribute	Country Code	'DE'	
.connections[].protocol	Related Indicator.Attribute	Protocol	'tcp'	
.urls[].url	Related Indicator.Value	URL	'http://importsports.net/Ling/canon/dut/CRW_1375-1600.jpg'	
.dns[].dnsrr	Related Indicator.Value	FQDN	'ocsp.pki.goog'	

.query_type is nmap_dnsrr

If `.query_type` is `"nmap_dnsrr"`:

FEED DATA PATH	THREATQ ENTITY	THREATQ OBJECT TYPE OR ATTRIBUTE KEY	EXAMPLES	NOTES
.ip_addr	Indicator.Value	IP Address	'154.182.117.254'	
.query_type	Indicator.Attribute	Query Type	'Team Cymru NMap Reverse DNS Lookups'	Maps the value of .query_type key to a string based on the Query Type Mapping. If no match is found, the indicator and corresponding attributes are not ingested.
.cc	Indicator.Attribute	Country Code	'EG'	
.dnsrr	Indicator.Attribute	DNS Resource Record	'host-154.182.254.117-static.tedata.net'	

.query_type is nmap_fingerprint

If `.query_type` is `"nmap_fingerprint"`:

FEED DATA PATH	THREATQ ENTITY	THREATQ OBJECT TYPE OR ATTRIBUTE KEY	EXAMPLES	NOTES
.ip_addr	Indicator.Value	IP Address	'31.184.254.94'	
.query_type	Indicator.Attribute	Query Type	'Team Cymru NMap OS Fingerprinting'	Maps the value of .query_type key to a string based on the Query Type Mapping. If no match is found, the indicator and corresponding attributes are not ingested.
.cc	Indicator.Attribute	Country Code	'RU'	
.os	Indicator.Attribute	Operating System	'Host: splitstore; OS: Unix'	

.query_type is nmap_port

If `.query_type` is `"nmap_port"`:

FEED DATA PATH	THREATQ ENTITY	THREATQ OBJECT TYPE OR ATTRIBUTE KEY	EXAMPLES	NOTES
.ip_addr	Indicator.Value	IP Address	'178.89.155.145'	
.query_type	Indicator.Attribute	Query Type	'Team Cymru NMap Open Ports'	Maps the value of .query_type key to a string based on the Query Type Mapping. If no match is found, the indicator and corresponding attributes are not ingested.
.cc	Indicator.Attribute	Country Code	'KZ'	
.service	Indicator.Attribute	Service	'tcpwrapped'	
.port	Indicator.Attribute	Port	'53'	
.proto	Indicator.Attribute	Protocol	'tcp'	

.query_type is ntp_server

If `.query_type` is `"ntp_server"`:

FEED DATA PATH	THREATQ ENTITY	THREATQ OBJECT TYPE OR ATTRIBUTE KEY	EXAMPLES	NOTES
.src_ip_addr	Indicator.Value	IP Address	'5.89.44.199'	
.query_type	Indicator.Attribute	Query Type	'Team Cymru NTP Server Info'	Maps the value of .query_type key to a string based on the Query Type Mapping. If no match is found, the indicator and corresponding attributes are not ingested.
.src_cc	Indicator.Attribute	Country Code	'IT'	
.processor	Indicator.Attribute	Processor	'unknown'	
.raw	Indicator.Attribute	Raw NTP Server Response	'version="4'	
.refid	Indicator.Attribute	NTP Reference ID	'91.80.35.139'	
.system	Indicator.Attribute	System	'UNIX'	
.version	Indicator.Attribute	NTP Version	'4'	

.query_type is open_ports

If `.query_type` is `"open_ports"`:

FEED DATA PATH	THREATQ ENTITY	THREATQ OBJECT TYPE OR ATTRIBUTE KEY	EXAMPLES	NOTES
.ip_addr	Indicator.Value	IP Address	'168.233.48.220'	
.query_type	Indicator.Attribute	Query Type	'Team Cymru Open Ports'	Maps the value of .query_type key to a string based on the Query Type Mapping. If no match is found, the indicator and corresponding attributes are not ingested.
.cc	Indicator.Attribute	Country Code	'US'	
.data	Indicator.Attribute	Data	'null'	

FEED DATA PATH	THREATQ ENTITY	THREATQ OBJECT TYPE OR ATTRIBUTE KEY	EXAMPLES	NOTES
.port	Indicator.Attribute	Port	'179'	
.proto	Indicator.Attribute	Protocol	'tcp'	
.service	Indicator.Attribute	Service	'null'	
.asn	Indicator.Attribute	ASN	'40380'	
.asname	Indicator.Attribute	AS Name	'SIERRATRADINGPOST'	

.query_type is open_resolvers

If `.query_type` is `"open_resolvers"`:

FEED DATA PATH	THREATQ ENTITY	THREATQ OBJECT TYPE OR ATTRIBUTE KEY	EXAMPLES	NOTES
.src_ip_addr	Indicator.Value	IP Address	'168.233.48.220'	
.query_type	Indicator.Attribute	Query Type	'Team Cymru Open Resolvers'	Maps the value of .query_type key to a string based on the Query Type Mapping. If no match is found, the indicator and corresponding attributes are not ingested.
.src_cc	Indicator.Attribute	Country Code	'US'	

.query_type is pdns

If `.query_type` is `"pdns"`:

FEED DATA PATH	THREATQ ENTITY	THREATQ OBJECT TYPE OR ATTRIBUTE KEY	EXAMPLES	NOTES
.qname	Related Indicator.Value	FQDN	'tommybishop.com'	
.query_type	Related Indicator.Attribute	Query Type	'Team Cymru PDNS'	Maps the value of .query_type key to a string based on the Query Type Mapping. If no match is found, the indicator and corresponding attributes are not ingested.
.aa	Related Indicator.Attribute	Authoritative Answer	'null'	
.proto	Related Indicator.Attribute	Protocol	'null'	
.section	Related Indicator.Attribute	DNS Section	'answer'	
.ttl	Related Indicator.Attribute	TTL	'null'	
.type	Related Indicator.Attribute	Type	'A'	
.rdata	Related Indicator.Value	IP Address or FQDN	'208.112.30.120'	
.rdata_cc	Related Indicator.Attribute	Country Code	'US'	

FEED DATA PATH	THREATQ ENTITY	THREATQ OBJECT TYPE OR ATTRIBUTE KEY	EXAMPLES	NOTES
.src_ip_addr	Related Indicator.Value	IP Address	'208.112.30.1'	
.src_cc	Related Indicator.Attribute	Country Code		

.query_type is pdns_nxd

If `.query_type` is `"pdns_nxd"`:

FEED DATA PATH	THREATQ ENTITY	THREATQ OBJECT TYPE OR ATTRIBUTE KEY	EXAMPLES	NOTES
.qname	Related Indicator.Value	FQDN	'0.0.160.209.in-addr.arpa'	
.query_type	Related Indicator.Attribute	Query Type	'Team Cymru PDNS NXDomain'	Maps the value of .query_type key to a string based on the Query Type Mapping. If no match is found, the indicator and corresponding attributes are not ingested.
.type	Related Indicator.Attribute	Type	'A'	
.proto	Related Indicator.Attribute	Protocol	'17'	
.zone	Related Indicator.Attribute	Response Policy Zone	'0.160.209.in-addr.arpa'	
.type	Related Indicator.Attribute	DNS Record Type	'A'	
.src_ip_addr	Related Indicator.Value	IP Address	'61.211.226.41'	
.src_cc	Related Indicator.Attribute	Country Code	'JP'	
.dst_ip_addr	Related Indicator.Value	IP Address	'209.160.0.11'	
.dst_cc	Related Indicator.Attribute	Country Code	'US'	
.dst_port	Related Indicator.Attribute	Port	'53'	

.query_type is pdns_other

If `.query_type` is `"pdns_other"`:

FEED DATA PATH	THREATQ ENTITY	THREATQ OBJECT TYPE OR ATTRIBUTE KEY	EXAMPLES	NOTES
.qname	Related Indicator.Value	FQDN	'betterfuturekkp.com'	
.query_type	Related Indicator.Attribute	Query Type	'Team Cymru PDNS Other Records'	Maps the value of .query_type key to a string based on the Query Type Mapping. If no

FEED DATA PATH	THREATQ ENTITY	THREATQ OBJECT TYPE OR ATTRIBUTE KEY	EXAMPLES	NOTES
				match is found, the indicator and corresponding attributes are not ingested.
.aa	Related Indicator.Attribute	Authoritative Answer	'null'	
.type	Related Indicator.Attribute	DNS Record Type	'NS'	
.proto	Related Indicator.Attribute	Protocol	'null'	
.ttl	Related Indicator.Attribute	TTL	'null'	
.section	Related Indicator.Attribute	DNS Section	'authority'	
.rdata	Related Indicator.Value	IP Address or FQDN	'ns1.server04controlserver.co.in'	
.src_ip_addr	Related Indicator.Value	IP Address	'null	

.query_type is portscan

If `.query_type` is `"portscan"`:

FEED DATA PATH	THREATQ ENTITY	THREATQ OBJECT TYPE OR ATTRIBUTE KEY	EXAMPLES	NOTES
.src_ip_addr	Related Indicator.Value	IP Address	'31.184.254.94'	
.query_type	Related Indicator.Attribute	Query Type	'Team Cymru Port Scan'	Maps the value of .query_type key to a string based on the Query Type Mapping. If no match is found, the indicator and corresponding attributes are not ingested.
.src_cc	Related Indicator.Attribute	Country Code	'RU'	
.ip_range	Related Indicator.Attribute	IP Range	'149.9.145.178:149.9.226.126'	
.port_proto_range	Related Indicator.Attribute	Port Range	'23:23'	
.scan_msg	Related Indicator.Attribute	Scan Message	'TCP Filtered Portsweep'	
.scan_type	Related Indicator.Attribute	Scan Type	'portscan'	
.dst_ip_addr	Related Indicator.Value	IP Address	'31.184.254.95'	
.dst_cc	Related Indicator.Attribute	Country Code	'US'	
.connection_count	Related Indicator.Attribute	Connection Count	'31'	

.query_type is rdp_traffic

If `.query_type` is `"rdp_traffic"`:

FEED DATA PATH	THREATQ ENTITY	THREATQ OBJECT TYPE OR ATTRIBUTE KEY	EXAMPLES	NOTES
.client_ip_addr	Related Indicator.Value	IP Address	'195.154.179.3'	
.query_type	Related Indicator.Attribute	Query Type	'Team Cymru RDP'	Maps the value of .query_type key to a string based on the Query Type Mapping. If no match is found, the indicator and corresponding attributes are not ingested.
.client_cc	Related Indicator.Attribute	Country Code	'FR'	
.client_asn	Related Indicator.Attribute	ASN	'{12876}'	
.client_build	Related Indicator.Attribute	RDP Client Version	'RU'	
.client_dig_product_id	Related Indicator.Attribute	Digital Product ID	'null'	
.client_name	Related Indicator.Attribute	Name	'null'	
.client_port	Related Indicator.Attribute	Port	'40717'	
.cookie	Related Indicator.Attribute	Cookie	'EXAMPLE\a'	
.desktop_height	Related Indicator.Attribute	Remote Desktop Height	'null'	
.desktop_width	Related Indicator.Attribute	Remote Desktop Width	'null'	
.keyboard_layout	Related Indicator.Attribute	Remote Desktop Keyboard Layout	'null'	
.requested_color_depth	Related Indicator.Attribute	Remote Desktop Request Color Depth	'RU'	
.server_ip_addr	Related Indicator.Value	IP Address	'54.252.239.180'	
.server_cc	Related Indicator.Attribute	Country Code	'AU'	
.server_port	Related Indicator.Attribute	Port	'3389'	
.server_asn	Related Indicator.Attribute	ASN	'{16509}'	
.security_protocol	Related Indicator.Attribute	Security Protocol	'null'	

.query_type is router

If `.query_type` is `"router"`:

FEED DATA PATH	THREATQ ENTITY	THREATQ OBJECT TYPE OR ATTRIBUTE KEY	EXAMPLES	NOTES
.ip_addr	Indicator.Value	IP Address	'175.29.143.106'	
.query_type	Indicator.Attribute	Query Type	'Team Cymru Router Information'	Maps the value of .query_type key to a string based on the Query Type Mapping. If no match is found, the indicator and corresponding attributes are not ingested.
.cc	Indicator.Attribute	Country Code	'BD'	
.os_version	Indicator.Attribute	Operating System Version	'null'	
.processor	Indicator.Attribute	Processor	'null'	
.vendor	Indicator.Attribute	Vendor	'Cisco Systems'	

.query_type is scanner

If `.query_type` is `"scanner"`:

FEED DATA PATH	THREATQ ENTITY	THREATQ OBJECT TYPE OR ATTRIBUTE KEY	EXAMPLES	NOTES
.ip_addr	Indicator.Value	IP Address	'31.184.254.94'	
.query_type	Indicator.Attribute	Query Type	'Team Cymru Scanner'	Maps the value of .query_type key to a string based on the Query Type Mapping. If no match is found, the indicator and corresponding attributes are not ingested.
.cc	Indicator.Attribute	Country Code	'RU'	
.asn	Indicator.Attribute	ASN	'49505'	
.interval_probes_unique_dst_ip	Indicator.Attribute	Unique Dest. IPs Probed	'56'	Updatable
.interval_probes_unique_ports	Indicator.Attribute	Unique Ports Scanned	'1'	Updatable
.interval_slash8_visited	Indicator.Attribute	Slash8 Visited	'3'	
.ports	Indicator.Attribute	Port	'{23}'	
.proto	Indicator.Attribute	Protocol	'6'	
.total_ips_probed	Indicator.Attribute	Total IPs Probed	'56'	Updatable

.query_type is sip

If `.query_type` is `"sip"`:

FEED DATA PATH	THREATQ ENTITY	THREATQ OBJECT TYPE OR ATTRIBUTE KEY	EXAMPLES	NOTES
.contact_ip_addr	Related Indicator.Value	IP Address	'62.210.78.81'	
.query_type	Related Indicator.Attribute	Query Type	'Team Cymru SIP Info'	Maps the value of .query_type key to a string based on the Query Type Mapping. If no match is found, the indicator and corresponding attributes are not ingested.
.contact_cc	Related Indicator.Attribute	Country Code	'FR'	
.contact_display	Related Indicator.Attribute	Display Name		
.contact_number	Related Indicator.Attribute	Contact Number	'81'	
.contact_port	Related Indicator.Attribute	Contact Port	'61426'	
.dst_ip_addr	Related Indicator.Value	IP Address	'38.229.70.92'	
.dst_cc	Related Indicator.Attribute	Country Code	'US'	
.from_ip_addr	Related Indicator.Value	IP Address	'38.229.70.92'	
.from_cc	Related Indicator.Attribute	Country Code	'US'	
.from_display	Related Indicator.Attribute	Display Name		
.from_number	Related Indicator.Attribute	Contact Number	'81'	
.from_port	Related Indicator.Attribute	Port	'5060'	
.src_ip_addr	Related Indicator.Value	IP Address	'62.210.78.81'	
.src_cc	Related Indicator.Attribute	Country Code	'FR'	
.to_ip_addr	Related Indicator.Value	IP Address	'38.229.70.92'	
.to_cc	Related Indicator.Attribute	Country Code	'US'	
.to_display	Related Indicator.Attribute	Display Name		
.to_number	Related Indicator.Attribute	Contact Number	'901146842002926'	
.to_port	Related Indicator.Attribute	Port	'5060'	

.query_type is snmp

If `.query_type` is `"snmp"`:

FEED DATA PATH	THREATQ ENTITY	THREATQ OBJECT TYPE OR ATTRIBUTE KEY	EXAMPLES	NOTES
.ip_addr	Indicator.Value	IP Address	'41.139.235.243'	
.query_type	Indicator.Attribute	Query Type	'Team Cymru SNMP Info'	Maps the value of .query_type key to a string based on the Query Type Mapping. If no match is found, the indicator and corresponding attributes are not ingested.
.cc	Indicator.Attribute	Country Code	'KE'	
.oid_string	Indicator.Attribute	OID String	'ipAdEntAddr.41.139.235.243 = IpAddress: 41.139.235.243'	
.version	Indicator.Attribute	SNMP Version	'2'	

.query_type is spam_domains

If `.query_type` is `"spam_domains"`:

FEED DATA PATH	THREATQ ENTITY	THREATQ OBJECT TYPE OR ATTRIBUTE KEY	EXAMPLES	NOTES
.fqdn	Indicator.Value	FQDN	'215t8vwczjo.cg12r.com'	
.query_type	Indicator.Attribute	Query Type	'Team Cymru Spam Domains'	Maps the value of .query_type key to a string based on the Query Type Mapping. If no match is found, the indicator and corresponding attributes are not ingested.

.query_type is spam_headers

If `.query_type` is `"spam_headers"`:

FEED DATA PATH	THREATQ ENTITY	THREATQ OBJECT TYPE OR ATTRIBUTE KEY	EXAMPLES	NOTES
.src_ip_addr	Indicator.Value	IP Address	'69.75.148.206'	
.query_type	Indicator.Attribute	Query Type	'Team Cymru Spam Headers'	Maps the value of .query_type key to a string based on the Query Type Mapping. If no match is found, the indicator and corresponding attributes are not ingested.
.cc_addrs	Indicator.Attribute	Email Address		
.dst_port	Indicator.Attribute	Port	'25'	
.from_email	Indicator.Attribute	Email Address	'shil1allen@hotmail.com'	
.from_name	Indicator.Attribute	From Name	'"Kunlun Energy"'	
.rcpt_to_addrs	Indicator.Attribute	Email Address		
.src_cc	Indicator.Attribute	Country Code	'US'	
.src_port	Indicator.Attribute	Port	'33026'	

FEED DATA PATH	THREATQ ENTITY	THREATQ OBJECT TYPE OR ATTRIBUTE KEY	EXAMPLES	NOTES
.subject	Indicator.Attribute	Email Subject		
.to_addrs	Indicator.Attribute	Email Subject	'Kaliyaha51@icloud.com'	

.query_type is ssh

If `.query_type` is `"ssh"`:

FEED DATA PATH	THREATQ ENTITY	THREATQ OBJECT TYPE OR ATTRIBUTE KEY	EXAMPLES	NOTES
.ip_addr	Indicator.Value	IP Address	'91.90.155.70'	
.query_type	Indicator.Attribute	Query Type	'Team Cymru SSH Info'	Maps the value of .query_type key to a string based on the Query Type Mapping. If no match is found, the indicator and corresponding attributes are not ingested.
.cc	Indicator.Attribute	Country Code	'DE'	
.city	Indicator.Attribute	City	'null'	
.key	Indicator.Attribute	SSH Key	'AAAAB3NzaC'	
.os_version	Indicator.Attribute	OS Version	'Ubuntu-4ubuntu0.2'	
.ssh_version	Indicator.Attribute	SSH Version		
.type	Indicator.Attribute	SSH Key Type	'ssh-rsa'	
.asn	Indicator.Attribute	ASN	'41412'	

.query_type is tor

If `.query_type` is `"tor"`:

FEED DATA PATH	THREATQ ENTITY	THREATQ OBJECT TYPE OR ATTRIBUTE KEY	EXAMPLES	NOTES
.ipv6_addr	Related Indicator.Value	IP Address	'null'	
.query_type	Related Indicator.Attribute	Query Type	'Team Cymru Tor Public'	Maps the value of .query_type key to a string based on the Query Type Mapping. If no match is found, the indicator and corresponding attributes are not ingested.
.ipv6_cc	Related Indicator.Attribute	Country Code		
.ip_addr	Related Indicator.Value	IP Address	'144.172.153.165'	
.authority	Related Indicator.Attribute	Authority	'false'	Updatable
.bad_exit	Related Indicator.Attribute	Bad Exit	'false'	Updatable
.bandwidth	Related Indicator.Attribute	Bandwidth	'292'	Updatable
.cc	Related Indicator.Attribute	Country Code	'CA'	
.contact	Related Indicator.Attribute	Contact	'nestor00patof@ptaff.ca'	

FEED DATA PATH	THREATQ ENTITY	THREATQ OBJECT TYPE OR ATTRIBUTE KEY	EXAMPLES	NOTES
.dir_port	Related Indicator.Attribute	Port	'0'	
.exit	Related Indicator.Attribute	Exit	'false'	Updatable
.fast	Related Indicator.Attribute	Fast	'true'	Updatable
.fingerprint	Related Indicator.Attribute	Fingerprint	'FFFB FB50 A83A 414C C21B 4CDA 93A9 674B 0047 05E8'	
.guard	Related Indicator.Attribute	Guard	'false'	Updatable
.hibernating	Related Indicator.Attribute	Hibernating	'false'	Updatable
.hs_dir	Related Indicator.Attribute	HS Directory	'false'	Updatable
.named	Related Indicator.Attribute	Named	'false'	Updatable
.or_port	Related Indicator.Attribute	Port	'1337'	
.platform	Related Indicator.Attribute	Platform	'Linux'	
.router_name	Related Indicator.Attribute	Router Name	'nestor00patof'	
.running	Related Indicator.Attribute	Running	'true'	Updatable
.stable	Related Indicator.Attribute	Stable	'true'	Updatable
.v2_dir	Related Indicator.Attribute	v2 Directory Protocol	'true'	Updatable
.valid	Related Indicator.Attribute	Valid	'true'	Updatable
.version	Related Indicator.Attribute	Version	'0.4.5.7'	
.weight	Related Indicator.Attribute	Weight	'51'	

.query_type is urls

If `.query_type` is `"urls"`:

FEED DATA PATH	THREATQ ENTITY	THREATQ OBJECT TYPE OR ATTRIBUTE KEY	EXAMPLES	NOTES
.dst_ip_addr	Related Indicator.Value	IP Address	'208.112.30.120'	
.query_type	Related Indicator.Attribute	Query Type	'Team Cymru URLs'	Maps the value of .query_type key to a string based on the Query Type Mapping. If no match is found, the indicator and corresponding attributes are not ingested.

FEED DATA PATH	THREATQ ENTITY	THREATQ OBJECT TYPE OR ATTRIBUTE KEY	EXAMPLES	NOTES
.dst_cc	Related Indicator.Attribute	Country Code	'US'	
.dst_port	Related Indicator.Attribute	Port	'80'	
.src_ip_addr	Related Indicator.Value	IP Address	'93.174.93.133'	
.src_cc	Related Indicator.Attribute	Country Code	'NL'	
.src_port	Related Indicator.Attribute	Port	'40413'	
.url	Related Indicator.Value	URL	'http://caaofbecmcc.org/xmlrpc.php'	

.query_type is useragents

If `.query_type` is `"useragents"`:

FEED DATA PATH	THREATQ ENTITY	THREATQ OBJECT TYPE OR ATTRIBUTE KEY	EXAMPLES	NOTES
.dst_ip_addr	Related Indicator.Value	IP Address	'208.112.30.120'	
.query_type	Related Indicator.Attribute	Query Type	'Team Cymru UserAgents'	Maps the value of .query_type key to a string based on the Query Type Mapping. If no match is found, the indicator and corresponding attributes are not ingested.
.dst_cc	Related Indicator.Attribute	Country Code	'US'	
.dst_port	Related Indicator.Attribute	Port	'80'	
.src_ip_addr	Related Indicator.Value	IP Address	'95.143.193.125'	
.src_cc	Related Indicator.Attribute	Country Code	'SE'	
.src_port	Related Indicator.Attribute	Port	'41813'	
.languages	Related Indicator.Attribute	Languages	'en-US,en;q=0.9'	
.user_agent	Related Indicator.Attribute	User-Agent	'Mozilla/5.0 (X11; Linux x86_64) AppleWebKit/ 537.36 (KHTML, like Gecko) Chrome/ 71.0.3563.0 Safari/537.36'	
.via	Related Indicator.Attribute	Via	'null'	
.x_forwarded_for	Related Indicator.Attribute	X-Forwarded For	'null'	
.character_sets	Related Indicator.Attribute	Character Sets	'null'	
.cpu	Related Indicator.Attribute	CPU	'null'	

.query_type is x509

If `.query_type` is `"x509"`:

FEED DATA PATH	THREATQ ENTITY	THREATQ OBJECT TYPE OR ATTRIBUTE KEY	EXAMPLES	NOTES
.ip_addr	Related Indicator.Value	IP Address	'31.184.254.94'	
.query_type	Related Indicator.Attribute	Query Type	'Team Cymru x509 Certs'	Maps the value of .query_type key to a string based on the Query Type Mapping. If no match is found, the indicator and corresponding attributes are not ingested.
.hostname	Related Indicator.Value	FQDN or IP Address	'31.184.254.94'	
.altnames	Related Indicator.Attribute	Certificate Owner Alternate Common Name		
.cc	Related Indicator.Attribute	Country Code	'RU'	
.cn	Related Indicator.Attribute	Certificate Owner Common Name	'splitastore.ru'	
.email	Related Indicator.Attribute	Certificate Owner Email Address	'root@splitastore.ru'	
.issuer	Related Indicator.Attribute	Certificate Authority Signing Certificate	'C=XX, ST=XX, L=XX, O=XX, OU=XX, CN=splitastore.ru, emailAddress=root@splitastore.ru'	
.issuer_c	Related Indicator.Attribute	Certificate Authority Country	'XX'	
.issuer_cn	Related Indicator.Attribute	Issuer Common Name	'splitastore.ru'	
.issuer_o	Related Indicator.Attribute	Issuer Organization	'XX'	
.o	Related Indicator.Attribute	Certificate Owner Organization Name	'XX'	
.pem	Related Indicator.Attribute	PEM Certificate	'-----BEGIN CERTIFICATE-----\ nMIICyjCCAjOgAwIBAgIJAM43 /74EXlfHMA0GCSqGSIb3DQEB CwUAMH4xCzAJyl3d4w62 Tw==\n-----END CERTIFICATE-----\n'	
.port	Related Indicator.Attribute	Port	'995'	
.serial	Related Indicator.Attribute	Serial	'CE37FFBE045E57C7'	
.sig_algo	Related Indicator.Attribute	Signature Algorithm	'sha256WithRSAEncryption'	

FEED DATA PATH	THREATQ ENTITY	THREATQ OBJECT TYPE OR ATTRIBUTE KEY	EXAMPLES	NOTES
.subject	Related Indicator.Attribute	Certificate Owner Distinguished Name	'C=XX, ST=XX, L=XX, O=XX, OU=XX, CN=splitastore.ru, emailAddress=root@splitastore.ru'	
.sha1	Related Indicator.Value	SHA-1	'3C:16:E1:05:A1:3A:5C:AA:F4:6F:20:8E:76:9D:73:37:71:36:9D:37'	

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.

Team Cymru Recon

METRIC	RESULT
Run Time	5 hours
Indicators	44,398
Indicator Attributes	89,425

Change Log

- **Version 1.1.0**
  - Resolved a filter-mapping error caused by null timestamps.
  - Added the following new configuration options:
    - **Search (Optional)** - enter a search string for matching on the job name, job description, or the submitter's username.
    - **Group ID (Optional)** - enter a Group ID to filter the results by a specific grouping.
    - **Job Origin** - select the origin of the jobs to fetch.
- **Version 1.0.1**
  - Added ingestion update rules for specific attributes.
  - Added the ability to configure the Team Cymru instance URL.
  - Added the following new configuration parameters:
    - **Team Cymru Instance -** allows user to enter the Team Cymru instance to connect to with the integration.
    - **Enable SSL Certificate Verification** - determine if the feed should verify the SSL certificate.
    - **Disable Proxies** - determine if the feed should ignore proxies set in the ThreatQ UI.
  - Updated the minimum ThreatQ version to 5.29.0.
- **Version 1.0.0**
  - Initial release