

ThreatQuotient



Team Cymru Recon Operation User Guide

Version 1.0.0

November 03, 2023

ThreatQuotient

20130 Lakeview Center Plaza Suite 400
Ashburn, VA 20147



Support

Email: support@threatq.com

Web: support.threatq.com

Phone: 703.574.9893

Contents

Warning and Disclaimer 3

Support 4

Integration Details..... 5

Introduction 6

Installation..... 7

Configuration 8

Actions 9

 Enrich 10

Change Log 21

Warning and Disclaimer

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

Copyright © 2023 ThreatQuotient, Inc.

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

Support

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

Support Email: support@threatq.com

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

Support Phone: 703.574.9893

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

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



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

Integration Details

ThreatQuotient provides the following details for this integration:

Current Integration Version 1.0.0

**Compatible with ThreatQ
Versions** $\geq 4.35.1$

Support Tier ThreatQ Supported

Introduction

The Team Cymru Recon operation ingests FQDN and IP Addresses from the Team Cymru Recon platform.



You can run the **Team Cymru Recon CDF** companion integration to get further details on the objects ingested with this operation.

The operation provides the following action:

- **Enrich** - submits a given FQDN or IP Address value.

The operation is compatible with FQDN and IP Address type Indicators.

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

The operation is now installed and will be displayed in the ThreatQ UI. You will still need to [configure](#) and then [enable](#) the operation.

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 **Operation** option from the *Type* dropdown (optional).
3. Click on the integration entry to open its details page.
4. Enter the following parameters under the **Configuration** tab:

PARAMETER

DESCRIPTION

Hostname

The Hostname of the Team Cymru Recon instance.

API Key

Your Team Cymru Recon API key.

Search Time

The date by which the search should start.

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.

Actions

The operation provides the following action:

ACTION	DESCRIPTION	OBJECT TYPE	OBJECT SUBTYPE
Enrich	Submits a given FQDN or IP Address value.	Indicators	FQDN, IP Address

Enrich

The Enrich action creates a Team Cymru Recon Search Query for a given FQDN or IP Address.

POST <https://augury5.cymru.com/api/jobs>

Sample Response:

```
{
  "job id 1593569": {
    "job": {
      "user_id": 46605,
      "created_at": "2021-05-25 07:28:08",
      "priority": 100,
      "updated_at": "2021-05-25 07:28:08",
      "name": "google.com",
      "description": "FQDN Seach: google.com",
      "id": 1593569
    },
    "queries": [
      {
        "query_type": "banners_ptr",
        "end_date": "2021-05-25T07:28:06.999999+00:00",
        "format": "json",
        "any_cidr": [],
        "ptr": [
          "google.com"
        ],
        "timeout": 14400,
        "any_cc": [],
        "exclude_ip_addr": [],
        "any_ip_addr": [],
        "exclude_ptr": [],
        "cidr": [],
        "exclude_cc": [],
        "ip_addr": [],
        "exclude_any_ip_addr": [],
        "cc": [],
        "exclude_any_cc": [],
        "start_date": "2020-05-25T07:28:06+00:00",
        "limit": 2000000,
        "id": 14218595
      },
      {
        "exclude_class": [],
        "class": [],
        "qname": [
          "google.com"
        ],
        "format": "json",

```

```

        "timeout": 14400,
        "end_date": "2021-05-25T07:28:06.999999+00:00",
        "exclude_proto": [],
        "any_ip_addr": [],
        "exclude_src_ip_addr": [],
        "query_type": "dns_query",
        "any_cidr": [],
        "exclude_qname": [],
        "src_ip_addr": [],
        "start_date": "2020-05-25T07:28:06+00:00",
        "id": 14218596,
        "dst_cidr": [],
        "proto": [],
        "dst_ip_addr": [],
        "limit": 2000000,
        "type": [],
        "exclude_dst_ip_addr": [],
        "exclude_type": [],
        "src_cidr": [],
        "exclude_any_ip_addr": []
    },
    {
        "dnsrr": [
            "google.com"
        ],
        "end_date": "2021-05-25T07:28:06.999999+00:00",
        "format": "json",
        "any_cidr": [],
        "limit": 2000000,
        "timeout": 14400,
        "any_cc": [],
        "exclude_ip_addr": [],
        "any_ip_addr": [],
        "query_type": "nmap_dnsrr",
        "cidr": [],
        "exclude_cc": [],
        "ip_addr": [],
        "exclude_any_ip_addr": [],
        "cc": [],
        "exclude_any_cc": [],
        "start_date": "2020-05-25T07:28:06+00:00",
        "exclude_dnsrr": [],
        "id": 14218597
    },
    {
        "exclude_ttl_range": [],
        "exclude_class": [],
        "qname": [
            "google.com"
        ],
    },

```

```

        "format": "json",
        "timeout": 14400,
        "ttl_range": [],
        "end_date": "2021-05-25T07:28:06.999999+00:00",
        "exclude_rdata": [],
        "exclude_proto": [],
        "any_ip_addr": [],
        "exclude_src_ip_addr": [],
        "query_type": "pdns",
        "any_cidr": [],
        "rdata_cidr": [],
        "src_ip_addr": [],
        "section": [],
        "exclude_type": [],
        "exclude_ttl": [],
        "id": 14218598,
        "limit": 2000000,
        "class": [],
        "ttl": [],
        "exclude_qname": [],
        "type": [],
        "exclude_any_ip_addr": [],
        "rdata": [],
        "start_date": "2020-05-25T07:28:06+00:00",
        "proto": [],
        "src_cidr": [],
        "exclude_section": []
    },
    {
        "exclude_class": [],
        "exclude_any_port": [],
        "qname": [
            "google.com"
        ],
        "format": "json",
        "timeout": 14400,
        "dst_port": [],
        "end_date": "2021-05-25T07:28:06.999999+00:00",
        "exclude_proto": [],
        "any_ip_addr": [],
        "exclude_src_ip_addr": [],
        "query_type": "pdns_nxd",
        "any_cidr": [],
        "exclude_any_port_range": [],
        "exclude_qname": [],
        "src_ip_addr": [],
        "exclude_type": [],
        "any_port_range": [],
        "type": [],
        "id": 14218599,
    }

```

```

        "dst_cidr": [],
        "exclude_dst_port": [],
        "exclude_zone": [],
        "limit": 20000000,
        "class": [],
        "dst_ip_addr": [],
        "any_port": [],
        "proto": [],
        "exclude_dst_port_range": [],
        "exclude_dst_ip_addr": [],
        "start_date": "2020-05-25T07:28:06+00:00",
        "dst_port_range": [],
        "zone": [],
        "src_cidr": [],
        "exclude_any_ip_addr": []
    },
    {
        "exclude_ttl_range": [],
        "rdata": [
            "google.com"
        ],
        "section": [],
        "qname": [],
        "format": "json",
        "timeout": 14400,
        "any_hostname": [],
        "end_date": "2021-05-25T07:28:06.999999+00:00",
        "exclude_rdata": [],
        "exclude_class": [],
        "any_ip_addr": [],
        "exclude_proto": [],
        "query_type": "pdns_other",
        "any_cidr": [],
        "exclude_qname": [],
        "src_ip_addr": [],
        "id": 14218600,
        "start_date": "2020-05-25T07:28:06+00:00",
        "exclude_src_ip_addr": [],
        "exclude_ttl": [],
        "exclude_any_hostname": [],
        "limit": 20000000,
        "class": [],
        "proto": [],
        "type": [],
        "exclude_any_ip_addr": [],
        "exclude_type": [],
        "exclude_section": [],
        "ttl_range": [],
        "src_cidr": [],
        "ttl": []
    }

```

```

    },
    {
      "dnsrr": [
        "google.com"
      ],
      "format": "json",
      "any_cidr": [],
      "ttl": [],
      "timeout": 14400,
      "ttl_range": [],
      "end_date": "2021-05-25T07:28:06.999999+00:00",
      "exclude_ip_addr": [],
      "exclude_dnsrr": [],
      "query_type": "apt_dns",
      "cidr": [],
      "type": [],
      "ip_addr": [],
      "any_ip_addr": [],
      "id": 14218601,
      "exclude_ttl_range": [],
      "start_date": "2020-05-25T07:28:06+00:00",
      "limit": 2000000,
      "exclude_ttl": [],
      "exclude_type": [],
      "exclude_any_ip_addr": []
    },
    {
      "query_type": "apt_dnsrr",
      "dnsrr": [
        "google.com"
      ],
      "format": "json",
      "timeout": 14400,
      "limit": 2000000,
      "start_date": "2020-05-25T07:28:06+00:00",
      "end_date": "2021-05-25T07:28:06.999999+00:00",
      "exclude_dnsrr": [],
      "id": 14218602
    },
    {
      "query_type": "apt_hostname",
      "exclude_hostname": [],
      "format": "json",
      "timeout": 14400,
      "limit": 2000000,
      "start_date": "2020-05-25T07:28:06+00:00",
      "end_date": "2021-05-25T07:28:06.999999+00:00",
      "hostname": [
        "google.com"
      ],
    },

```

```

        "id": 14218603
    },
    {
        "target_cidr": [],
        "target_ip_addr": [],
        "exclude_controller_port": [],
        "any_port": [],
        "format": "json",
        "exclude_controller_port_range": [],
        "end_date": "2021-05-25T07:28:06.999999+00:00",
        "exclude_target_hostname": [],
        "any_ip_addr": [],
        "exclude_target_ip_addr": [],
        "query_type": "ddos_attacks",
        "any_cidr": [],
        "exclude_any_port_range": [],
        "command": [],
        "controller": [],
        "exclude_controller": [],
        "controller_port": [],
        "subtarget": [],
        "subfamily": [],
        "any_port_range": [],
        "id": 14218604,
        "exclude_command": [],
        "exclude_subfamily": [],
        "exclude_subtarget": [],
        "family": [],
        "limit": 2000000,
        "controller_ip_addr": [],
        "exclude_any_port": [],
        "controller_cidr": [],
        "timeout": 14400,
        "exclude_controller_ip_addr": [],
        "exclude_any_ip_addr": [],
        "exclude_family": [],
        "controller_port_range": [],
        "start_date": "2020-05-25T07:28:06+00:00",
        "target_hostname": [
            "google.com"
        ]
    },
    {
        "target_cidr": [],
        "target_ip_addr": [],
        "exclude_controller_port": [],
        "format": "json",
        "exclude_controller_port_range": [],
        "end_date": "2021-05-25T07:28:06.999999+00:00",
        "exclude_controller_type": [],

```

```

    "exclude_attack_command": [],
    "any_ip_addr": [],
    "exclude_target_ip_addr": [],
    "query_type": "ddos_commands",
    "any_cidr": [],
    "exclude_any_port_range": [],
    "subtarget": [],
    "target_hostname": [
        "google.com"
    ],
    "exclude_controller": [],
    "controller_port": [],
    "exclude_subtarget": [],
    "any_port_range": [],
    "id": 14218605,
    "limit": 2000000,
    "controller_ip_addr": [],
    "exclude_any_port": [],
    "any_port": [],
    "attack_command": [],
    "exclude_any_ip_addr": [],
    "exclude_controller_ip_addr": [],
    "controller_cidr": [],
    "controller": [],
    "timeout": 14400,
    "controller_type": [],
    "start_date": "2020-05-25T07:28:06+00:00",
    "exclude_target_hostname": [],
    "controller_port_range": []
},
{
    "port_range": [],
    "port": [],
    "format": "json",
    "exclude_port": [],
    "end_date": "2021-05-25T07:28:06.999999+00:00",
    "exclude_ip_addr": [],
    "any_ip_addr": [],
    "exclude_proto": [],
    "query_type": "bars_controllers",
    "any_cidr": [],
    "exclude_any_port_range": [],
    "ip_addr": [],
    "start_date": "2020-05-25T07:28:06+00:00",
    "subfamily": [],
    "any_port_range": [],
    "exclude_port_range": [],
    "id": 14218606,
    "exclude_subfamily": [],
    "controller_uri": [],

```



```

        "family": [],
        "cidr": [],
        "limit": 2000000,
        "exclude_any_port": [],
        "exclude_family": [],
        "any_port": [],
        "exclude_hostname": [],
        "proto": [],
        "type": [],
        "exclude_any_ip_addr": [],
        "timeout": 14400,
        "exclude_typeBars": null,
        "exclude_type": [],
        "typeBars": null,
        "hostname": [
            "google.com"
        ],
        "exclude_controller_uri": []
    },
    {
        "query_type": "dns_derived_domains_via_domain",
        "query_domain": null,
        "timeout": 14400,
        "limit": 2000000,
        "start_date": "2020-05-25T07:28:06+00:00",
        "any_hostname": [
            "google.com"
        ],
        "end_date": "2021-05-25T07:28:06.999999+00:00",
        "format": "json",
        "id": 14218607
    },
    {
        "query_type": "dns_derived_ips_via_domain",
        "query_domain": null,
        "timeout": 14400,
        "limit": 2000000,
        "start_date": "2020-05-25T07:28:06+00:00",
        "any_hostname": [
            "google.com"
        ],
        "end_date": "2021-05-25T07:28:06.999999+00:00",
        "format": "json",
        "id": 14218608
    },
    {
        "issuer": [],
        "cn": [],
        "format": "json",
        "altnames": [],

```

```

"exclude_port": [],
"exclude_md5": [],
"end_date": "2021-05-25T07:28:06.999999+00:00",
"exclude_ip_addr": [],
"any_ip_addr": [],
"query_type": "x509",
"any_cidr": [],
"exclude_any_port_range": [],
"ip_addr": [],
"o": [],
"issuer_o": [],
"port": [],
"version": [],
"exclude_sig_algo": [],
"exclude_issuer_cn": [],
"id": 14218609,
"exclude_hostname": [],
"c": [],
"exclude_issuer_c": [],
"limit": 2000000,
"exclude_any_port": [],
"timeout": 14400,
"cidr": [],
"exclude_any_ip_addr": [],
"issuer_cn": [],
"start_date": "2020-05-25T07:28:06+00:00",
"hostname": [
    "google.com"
],
"issuer_c": [],
"port_range": [],
"exclude_serial": [],
"exclude_issuer_o": [],
"sig_algo": [],
"exclude_cn": [],
"exclude_c": [],
"exclude_version": [],
"serial": [],
"exclude_x509_md5": null,
"md5": [],
"exclude_sha1": [],
"exclude_altnames": [],
"any_port_range": [],
"exclude_subject": [],
"exclude_port_range": [],
"exclude_issuer": [],
"exclude_email": [],
"email": [],
"x509_md5": null,
"any_port": [],

```

```

        "exclude_x509_sha1": null,
        "x509_sha1": null,
        "exclude_o": [],
        "subject": [],
        "sha1": []
    },
    {
        "exclude_message_id": [],
        "message_id": [],
        "format": "json",
        "limit": 2000000,
        "timeout": 14400,
        "exclude_fqdn_regex": [],
        "end_date": "2021-05-25T07:28:06.999999+00:00",
        "query_type": "spam_domains",
        "exclude_fqdn": [],
        "message_id_regex": [],
        "fqdn_regex": [],
        "start_date": "2020-05-25T07:28:06+00:00",
        "exclude_message_id_regex": [],
        "fqdn": [
            "google.com"
        ],
        "id": 14218610
    },
    {
        "exclude_any_port": [],
        "format": "json",
        "timeout": 14400,
        "dst_port": [],
        "end_date": "2021-05-25T07:28:06.999999+00:00",
        "any_ip_addr": [],
        "exclude_src_ip_addr": [],
        "query_type": "urls",
        "any_cidr": [],
        "exclude_any_port_range": [],
        "src_ip_addr": [],
        "any_port_range": [],
        "id": 14218611,
        "dst_cidr": [],
        "exclude_dst_port": [],
        "url": [
            "google.com"
        ],
        "src_port": [],
        "limit": 2000000,
        "src_port_range": [],
        "dst_ip_addr": [],
        "any_port": [],
        "exclude_dst_port_range": [],
    }

```

```
        "exclude_dst_ip_addr": [],
        "exclude_src_port_range": [],
        "dst_port_range": [],
        "exclude_url": [],
        "start_date": "2020-05-25T07:28:06+00:00",
        "exclude_src_port": [],
        "src_cidr": [],
        "exclude_any_ip_addr": []
    }
}
}
```

Change Log

- Version 1.0.0
 - Initial release