

# ThreatQuotient



## Cisco Threat Grid CDF

Version 1.1.1

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### ThreatQuotient

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 ThreatQ Supported

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# Contents

Warning and Disclaimer .....	3
Support .....	4
Integration Details.....	5
Introduction .....	6
Prerequisites .....	7
Installation.....	8
Configuration .....	9
ThreatQ Mapping.....	11
Cisco Threat Grid.....	11
Get Analysis (Supplemental).....	14
Get Sample (Supplemental).....	26
Average Feed Run.....	27
Cisco Threat Grid.....	27
Change Log .....	28

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# Support

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

**Support Email:** 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** 1.1.1

**Compatible with ThreatQ Versions** >= 4.34.0

**Support Tier** ThreatQ Supported

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# Introduction

The Cisco Threat Grid CDF is a sandbox which allows the detonation of samples to generate analysis reports. The Cisco Threat Grid CDF for ThreatQ enables a user to ingest their organization's sample analysis reports from Threat Grid. These samples can be filtered down by their threat score, so you are able to ingest only the detonations that your organization deems important to track.

The CDF provides the following feeds:

- **Cisco Threat Grid** - ingests analyses as Report Objects within ThreatQ.
- **Get Analysis (Supplemental)** - fetches the full analysis report JSON from Threat Grid's API.
- **Get Sample (Supplemental)** - fetches samples from Threat Grid.

The integration ingests the following system object types:

- Attack Patterns
  - Attack Pattern Attributes
- Files (attachments)
- Indicators
  - Indicator Attributes
- Reports
  - Report Attributes
- TTPs
  - TTP Attributes

---

# Prerequisites

The following is required to use the integration:

- A Cisco Threat Grid Hostname and API Key.

# 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
<b>Threat Grid Host</b>	Enter your Threat Grid host. <b>Default:</b> panacea.threatgrid.com
<b>API Key</b>	Enter your Cisco threat Grid API key for authentication.
<b>Threat Score Criteria</b>	Select the threat scores you would like to ingest: <ul style="list-style-type: none"><li>◦ Critical (default)</li><li>◦ High (default)</li><li>◦ Medium</li><li>◦ Low</li></ul>
<b>IOC Severity Threshold</b>	Enter a threshold severity for ingested IOCs <b>Default:</b> 50
<b>Apply Severity Threshold to Domains as well</b>	
<b>Ingest Samples</b>	Enabling this will import the malware samples into ThreatQ. This option is disabled by default.



You must enable downloading sample content via the API in your Threat Grid Account Profile.

#### Ingest Behavioral Indicators As

Select the object type you would like behavioral indicators stored in

- TTP (default)
- Attack Pattern

#### Disable Proxies

Enable/disable this option to set whether the feed will honor proxies set in ThreatQ.

#### Verify SSL

Enable/disable this option to set whether the feed will verify SSL connections with the provider.

#### Only Ingest Organizational Data

Enable this parameter to only ingest organizational data.

[Cisco Threat Grid](#)



Enabled

Run Integration

Uninstall

**Additional Information**

Integration Type: Feed

Version:

[Configuration](#)   [Activity Log](#)

Threat Grid Host \_\_\_\_\_  
Enter your Threat Grid host

API Key \_\_\_\_\_  
Enter your Cisco Threat Grid API key for authentication

**Threat Score Criteria**  
Select the threat scores you would like to ingest

Critical  
 High  
 Medium  
 Low

IOC Severity Threshold \_\_\_\_\_  
Enter a threshold severity for ingested IOCs

Apply Severity Threshold to Domains as well  
Enabling this will filter out domains with risk score less than IOC Severity Threshold

Ingest Malware Samples  
Enabling this will import the malware samples into ThreatQ. You must enable downloading sample content via the API in your Threat Grid Account Profile!

Ingest Behavioral Indicators As \_\_\_\_\_  
Select the object type you would like behavioral indicators stored in

Disable Proxies  
If true, specifies that this feed should not honor any proxies setup in ThreatQuotient.

Verify SSL  
If true, specifies that this feed should verify SSL connections with the provider.

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

## Cisco Threat Grid

The Cisco Threat Grid feed ingests analyses as Report Objects within ThreatQ. Any metadata surrounding the reports will be included, as well as related IOCs, related TTPs, and their relevant attribution.

```
GET https://panacea.threatgrid.com/api/v2/search/submissions
```

**Sample Response:**

```
{  
    "api_version": 2,  
    "id": 6654269,  
    "data": {  
        "index": 0,  
        "total": 5,  
        "took": 486,  
        "timed_out": false,  
        "items_per_page": 10,  
        "current_item_count": 5,  
        "items": [  
            {  
                "score": 1000000,  
                "matches": {},  
                "item": {  
                    "properties": {  
                        "metadata": null  
                    },  
                    "tags": [],  
                    "vm_runtime": 300,  
                    "md5": "2128689698b9a7e496b20bac4ddd42b1",  
                    "private": false,  
                    "organization_id": 12882,  
                    "state": "succ",  
                    "login": "strivers",  
                    "sha1": "4d6f2012d5521f240f10b53c769d250d02cd5697",  
                    "sample": "898bf464b34b3806d9f817004fc31533",  
                    "filename": "9S659EHDCSI72649DS.doc",  
                    "analysis": {  
                        "metadata": {  
                            "sandcastle_env": {  
                                "controlsubject": "win7-x64-intel-2020.06.17",  
                                "vm": "win7-x64",  
                                "vm_id": "898bf464b34b3806d9f817004fc31533",  
                                "sample_executed": 1597133073,  
                                "analysis_end": "2020-08-11T08:10:10Z",  
                                "analysis_start": "2020-08-11T08:10:00Z"  
                            }  
                        }  
                    }  
                }  
            }  
        ]  
    }  
}
```

```
        "analysis_features": [],
        "analysis_start": "2020-08-11T08:03:45Z",
        "display_name": "Windows 7 64-bit",
        "run_time": 300,
        "sandcastle": "3.5.62.17003.0a6e3cc14-1",
        "current_os": "7601.18798.amd64fre.win7sp1_gdr.150316-1654"
    },
    "submitted_file": {
        "magic": "Composite Document File V2 Document, Little Endian,
Os: Windows, Version 6.1, ...",
        "sha1": "4d6f2012d5521f240f10b53c769d250d02cd5697",
        "filename": "9S659EHDCSI72649DS.doc",
        "sha256":
"10281a188a26dbb10562bdc6f5467abad4b0e7fe73672b48a11fdd55819f81f3",
        "type": "doc",
        "md5": "2128689698b9a7e496b20bac4ddd42b1"
    },
    "general_details": {
        "report_created": "2020-08-11T08:10:17Z",
        "sandbox_version": "pilot-d",
        "sandbox_id": "mtv-work-028"
    },
    "malware_desc": [
    {
        "sha1": "4d6f2012d5521f240f10b53c769d250d02cd5697",
        "magic": "Composite Document File V2 Document, Little Endian,
Os: Windows, Version 6.1 ...",
        "filename": "9S659EHDCSI72649DS.doc",
        "size": 80896,
        "sha256":
"10281a188a26dbb10562bdc6f5467abad4b0e7fe73672b48a11fdd55819f81f3",
        "type": "doc",
        "md5": "2128689698b9a7e496b20bac4ddd42b1"
    }
],
    "analyzed_file": {
        "magic": "Composite Document File V2 Document, Little Endian,
Os: Windows, Version 6.1 ...",
        "sha1": "4d6f2012d5521f240f10b53c769d250d02cd5697",
        "filename": "9S659EHDCSI72649DS.doc",
        "sha256":
"10281a188a26dbb10562bdc6f5467abad4b0e7fe73672b48a11fdd55819f81f3",
        "type": "doc",
        "md5": "2128689698b9a7e496b20bac4ddd42b1"
    }
},
    "behaviors": [
    {
        "name": "antivirus-flagged-artifact",
        "threat": 72,
```

```
        "title": "Artifact Flagged by Antivirus"
    },
    ...
],
"threat_score": 100
},
"status": "job_done",
"submitted_at": "2020-08-11T08:03:44Z",
"sha256":
"10281a188a26dbb10562bdc6f5467abad4b0e7fe73672b48a11fdd55819f81f3"
}
}
]
}
```



The integration does not use any fields from the above API response within ThreatQ. The supplemental feed id udrf to fetch the full analysis results. That JSON data is parsed for metadata, IOCs, TTPs, etc.

## Get Analysis (Supplemental)

The Get Analysis supplemental feed will fetch the full analysis report JSON from Threat Grid's API.

```
GET https://panacea.threatgrid.com/api/v2/samples/{id}/analysis.json
```

**Sample Response:**

```
{  
    "version": 4,  
    "versions": {  
        "version": "4.0",  
        "network": {  
            "version": "2.0"  
        },  
        "file": {  
            "version": "2.0",  
            "html": "0.0",  
            "ini": "0.0",  
            "js": "0.0",  
            "lnk": "2.0",  
            "pdf": "0.0",  
            "pe": "0.0",  
            "rtf": "0.0",  
            "txt": "0.0"  
        },  
        "yara": "1.0",  
        "reversing_labs": "1.0",  
        "virustotal": "1.0",  
        "cognitive": "1.0",  
        "heuristic_model": "0.0.20190722T000000Z"  
    },  
    "metadata": {  
        "general_details": {  
            "report_created": 1583750398,  
            "sandbox_version": "pilot-d",  
            "sandbox_id": "mtv-work-087"  
        },  
        "sandcastle_env": {  
            "vm_id": "43a5ae8937855851ee142092d4cd6642",  
            "current_os": "7601.18798.amd64fre.win7sp1_gdr.150316-1654",  
            "analysis_start": 1583750035,  
            "analysis_end": 1583750394,  
            "run_time": 300,  
            "sample_executed": 1583750081,  
            "sandcastle": "3.5.51.16706.30e43d500-1",  
            "vm": "win7-x64",  
            "controlsubject": "win7-x64-intel-2020.02.03",  
            "display_name": "Windows 7 64-bit",  
            "analysis_features": []  
        }  
    }  
}
```

```
        },
        "malware_desc": [
            {
                "filename": "woodguilt.com%2F87229782.png.url",
                "size": 49,
                "md5": "a28a6b6e8924ec4173241a8eff8bf8d3",
                "sha1": "45d2abc7ff3693bb8a0d93fffc36561be28ccb3",
                "sha256": "48c02c817adef30b675938044d65862e920c494ec13e60567f2c7aca3d7cc07b",
                "magic": "MS Windows 95 Internet shortcut text
(URL=<woodguilt.com/87229782.png>), ASCII text",
                "type": "url"
            }
        ],
        "warnings": [],
        "iocts": [
            {
                "category": [
                    "domain"
                ],
                "hits": 1,
                "description": "This indicator indicates that a DNS query was performed to an unregistered domain name...",
                "title": "DNS Query Returned Non-Existent Domain",
                "data": [
                    {
                        "Query_Type": "A",
                        "Query_ID": 20750,
                        "Query_Data": "woodguilt.com",
                        "Answer_Code": "NXDOMAIN",
                        "Network_Stream": 7
                    }
                ],
                "tags": [
                    "communication"
                ],
                "truncated": false,
                "confidence": 75,
                "mitre-tactics": [],
                "heuristic_coefficient": -1.88155557784,
                "orbital-queries": [],
                "mitre-techniques": [],
                "ioc": "dns-query-nxdomain",
                "severity": 25
            },
            {
                "category": [
                    "network-information"
                ],
            }
        ]
    }
}
```

```
        "hits": 1,
        "description": "A name resolution query using the NetBIOS API
was made. NetBIOS is used to facilitate computers...",  

        "title": "NetBIOS Name Resolution Query",
        "data": [
            {
                "Domain": "WOODGUILT.COM"
            }
        ],
        "tags": [
            "netbios"
        ],
        "truncated": false,
        "confidence": 60,
        "mitre-tactics": [],
        "heuristic_coefficient": 1.42572787641,
        "orbital-queries": [],
        "mitre-techniques": [],
        "ioc": "netbios-query",
        "severity": 60
    }
],
"threat": {
    "heuristic_score": 0,
    "threat_score": 36,
    "bucket": "doc",
    "heuristic_raw_score": -5.0775348811833245
},
"dynamic": {
    "processes": {
        "11": {
            "registry_keys_read": [],
            "pid": 428,
            "kpid": "0xfffffa80027f37a0",
            "files_deleted": [],
            "files_created": [
                "\\\\"Users\\\\Administrator\\\\AppData\\\\Roaming\\\\Microsoft\\\\Protect\\\\S-1-5-21-2580483871-590521980-3826313501-500\\\\b0cc0ca3-d62b-440a-
b6c1-e54b3ecf60a2"
            ],
            "file_transactions": [],
            "sockets": [],
            "files_checked": [],
            "sockets_traffic": [],
            "errors": [],
            "monitored": true,
            "registry_keys_deleted": [],
            "ppid": null,
            "mutants_opened": [],
            "memory": [

```

```
{  
    "protect": [  
        "PAGE_READWRITE"  
    ],  
    "process": "0xfffffa80027f37a0",  
    "allocation_type": [  
        "MEM_COMMIT"  
    ],  
    "entry": [  
        {  
            "size": "0x44",  
            "base_address": "0x0"  
        },  
        ...  
    ],  
    "zero_bits": 0,  
    "process_handle": "0x3f4"  
},  
...  
],  
"new": false,  
"registry_keys_opened": [  
    {  
        "access": [  
            "ENUMERATE_SUB_KEYS",  
            "NOTIFY",  
            "QUERY_VALUE",  
            "READ_CONTROL"  
        ],  
        "options": [  
            "REG_OPTION_NON_VOLATILE"  
        ],  
        "name": "REGISTRY\\MACHINE\\SYSTEM\\CONTROLSET001\\  
\CONTROL\\SECURITYPROVIDERS\\SCHANNEL"  
    },  
    ...  
],  
"parent": "",  
"startup_info": {  
    "upid": 428,  
    "shell_info": "C:\\Windows\\system32\\lsass.exe",  
    "current_directory": "C:\\Windows\\system32\\",  
    "command_line": "C:\\Windows\\system32\\lsass.exe",  
    "uthread": 0,  
    "desktop_info": "",  
    "tid": "0xfffffa80027b7b50",  
    "image_pathname": "C:\\Windows\\system32\\lsass.exe",  
    "dll_path": "C:\\Windows\\system32;C:\\Windows\\  
\\system32;C:\\Windows\\system;C:\\Windows;.;C:\\Windows\\system32;...",  
    "runtime_data": ""},
```

```
        "window_title": "C:\\Windows\\system32\\lsass.exe",
        "incomplete": false
    },
    "process_name": "lsass.exe",
    "registry_keys_modified": [
        {
            "value_name": "LanguageList",
            "data_type": "MULTI_SZ",
            "data": "en-US\u0000en\u0000\u0000",
            "name": "REGISTRY\\USER\\.DEFAULT\\SOFTWARE\\CLASSES\\
\\LOCAL SETTINGS\\MUICACHE\\3E\\52C64B7E"
        },
        ...
    ],
    "threads": [
        {
            "return": 0,
            "thread": "0x00000000",
            "process": "0x00000000",
            "create_suspended": "0x1",
            "client_id": 8397322214375721288,
            "process_handle": "0x80000238"
        },
        ...
    ],
    "mutants_created": [],
    "analyzed_because": "Process activity after target sample
started.",
    "files_modified": [
        "\\Users\\Administrator\\AppData\\Roaming\\Microsoft\\
Protect\\S-1-5-21-2580483871-590521980-3826313501-500\\Preferred",
        "\\Users\\Administrator\\AppData\\Roaming\\Microsoft\\
Protect\\S-1-5-21-2580483871-590521980-3826313501-500\\b0cc0ca3-d62b-440a-
b6c1-e54b3ecf60a2"
    ],
    "atoms_added": [],
    "children": [],
    "registry_keys_created": [],
    "files_read": [
        "\\Users\\Administrator\\AppData\\Roaming\\Microsoft\\
Protect\\S-1-5-21-2580483871-590521980-3826313501-500\\Preferred"
    ],
    "time": "Mon, 09 Mar 2020 10:34:42 UTC"
},
...
},
"extracted_keys": [
{
    "pattern": "openssl",
    "key": "
```

```
"AAAAAAAABSU0RTt6U4JJaqwk+5GKG0zGzxwAEAAABITmV0Q2ZnLnBkYgAAAAAA",
    "offset": 508270176
},
...
]
},
"disk": {
    "mbr": {
        "hashes": {
            "orig": {
                "md5": "9e9e7db0e9aae4e1c0368a303657893e",
                "sha1": "3ef2fda0124bc0011632e128da23341f3ef369f5",
                "sha256": "03b44beb83adb31d85667b4cd806cb28a96cef9f3bc815b2ba7c8c68021607b8"
            },
            "curr": {
                "md5": "9e9e7db0e9aae4e1c0368a303657893e",
                "sha1": "3ef2fda0124bc0011632e128da23341f3ef369f5",
                "sha256": "03b44beb83adb31d85667b4cd806cb28a96cef9f3bc815b2ba7c8c68021607b8"
            }
        },
        "contents": {
            "orig": "3\u00c0\u008e\u00d0\u00bc\u0000|\u008e\u00c0\u008e\u00d8\u00be\u0000|\u00bf\u0000\u0006\u00b9\u0000...",
            "curr": "3\u00c0\u008e\u00d0\u00bc\u0000|\u008e\u00c0\u008e\u00d8\u00be\u0000|\u00bf\u0000\u0006\u00b9\u0000..."
        },
        "changed": false
    },
    "partition_tables": {
        "orig": [
            {
                "start": 1048576,
                "type": 7,
                "size": 104857600
            },
            ...
        ],
        "curr": [
            {
                "start": 1048576,
                "type": 7,
                "size": 104857600
            },
            ...
        ],
        "changed": false,
        "changes": {}
    }
},
}
```

```
"network": {
    "1": {
        "bytes": 664,
        "bytes_missed": 0,
        "bytes_orig": 0,
        "bytes_orig_payload": 0,
        "bytes_payload": 608,
        "bytes_resp": 664,
        "bytes_resp_payload": 608,
        "conn_state": "SHR",
        "decoded": [
            {
                "client_ip": "192.168.1.41",
                "client_mac": "00:50:a5:4a:ec:7b",
                "dns_servers": [
                    "192.168.1.1"
                ],
                "lease_time": 1200,
                "netmask": "255.255.255.0",
                "routers": [
                    "192.168.1.1"
                ],
                "server_ip": "192.168.1.1",
                "type": "DHCP_ACK"
            }
        ],
        "dst": "192.168.1.1",
        "dst_port": 67,
        "duration": 0.004355,
        "history": "^d",
        "packets": 2,
        "packets_orig": 0,
        "packets_resp": 2,
        "protocol": "DHCP",
        "service": "dhcp",
        "session": 1,
        "src": "192.168.1.41",
        "src_port": 68,
        "transport": "UDP",
        "ts_begin": 1583750059.184499,
        "ts_end": 1583750059.188854,
        "uid": "CnmnL8FPcbmixXLv1"
    },
    ...
},
"annotations": {
    "network": {
        "204.79.197.200": {
            "country": "US",
            "ts": "2020-03-09T10:39:51Z",
        }
    }
}
```

```
        "reverse_dns": [
            "a-0001.a-msedge.net"
        ],
        "country_name": "United States",
        "org": "Microsoft Corporation",
        "asn": 8068
    },
    ...
}
},
"artifacts": {
    "24": {
        "antivirus": {
            "reversing_labs": {
                "status": "UNKNOWN",
                "scanner_count": 0,
                "scanner_match": 0,
                "threat_name": "",
                "query_hash": {
                    "sha256": "7e9422f3ff99cd583d23daac980b4bbfa9f9da7db7daf5d0698312f9998e71e5"
                },
                "first_seen": "0001-01-01T00:00:00Z",
                "threat_level": 0,
                "trust_factor": 0,
                "last_seen": "0001-01-01T00:00:00Z"
            }
        },
        "created-time": 0,
        "created_by": [],
        "entropy": 3.3735620533361894,
        "executed_from": [],
        "magic-type": "data",
        "md5": "41f805506d2635ed832726196191973c",
        "mime-type": "application/octet-stream; charset=binary",
        "modified_by": [],
        "origin": "extracted",
        "path": "/\u0005kjjaqfajn2c0uzgv1l4qy5nfwe",
        "read_by": [],
        "relation": {
            "process": null,
            "extracted_from": [
                "5"
            ],
            "contains": null,
            "network": null
        },
        "sha1": "1c8f8f62a7f60281a882d65cc7602afdf9190e98",
        "sha256": "7e9422f3ff99cd583d23daac980b4bbfa9f9da7db7daf5d0698312f9998e71e5",
    }
}
```

```

        "size": 168,
        "type": "",
        "whitelist": []
    },
    ...
},
"status": {
    "origin": "sandcastle",
    "ran": true,
    "vm": "win7-x64",
    "playbook": "default",
    "id": "43a5ae8937855851ee142092d4cd6642",
    "analysis_submitted_at": 1583750033,
    "state": "proc",
    "ven": "phl-ven",
    "sha256": "48c02c817aef30b675938044d65862e920c494ec13e60567f2c7aca3d7cc07b",
    "status": "Updating analysis status.",
    "running_on": "mtv-work-087",
    "analysis_started_at": 1583750035,
    "md5": "a28a6b6e8924ec4173241a8eff8bf8d3",
    "vm_runtime": 300,
    "sha1": "45d2abc7ff3693bb8a0d93fffc36561be28ccb3",
    "sample_started_at": 1583750081,
    "queue": "NA",
    "original_filename": "woodguilt.com%2F87229782.png.url"
},
"domains": {
    "woodguilt.com": {
        "status": "indeterminate",
        "content_categories": [],
        "security_categories": []
    }
},
...
}
}

```

ThreatQuotient provides the following default mapping for this feed:

FEED DATA PATH	THREATQ ENTITY	THREATQ OBJECT TYPE OR ATTRIBUTE KEY	NORMALIZATION	PUBLISHED DATE	NOTES
data.status.original_filename	Report. Value	N/A	data.status.analysis _started_at	woodguilt.com%2F87229782.png.url	Limited to 50 chars
data.metadata.malware_desc[0].filename	Attachment. Title	N/A	data.status.analysis _started_at	woodguilt.com%2F87229782.png.url	Limited to 50 chars. User-configurable.
data.status.id	Report. Attribute	Threat Grid Link	data.status.analysis _started_at	43a5ae8937855851ee142092d4cd6642	Formatted into URL

FEED DATA PATH	THREATQ ENTITY	THREATQ OBJECT TYPE OR ATTRIBUTE KEY	NORMALIZATION	PUBLISHED DATE	NOTES
data.status.vm	Report.Attribute	Threat Grid VM	data.status.analysis_started_at	win7-x64	N/A
data.status.playbook	Report.Attribute	Threat Grid Playbook	data.status.analysis_started_at	default	N/A
data.threat.heuristic_score	Indicator/Report.Attribute	Heuristic Score	data.status.analysis_started_at	0	Updatable
data.threat.threat_score	Indicator/Report.Attribute	Threat Score	data.status.analysis_started_at	36	Updatable
data.metadata.malware_desc[].filename	Indicator.Value	Filename	data.status.analysis_started_at	woodguilt.com%2F87229782.png.url	N/A
data.metadata.malware_desc[].magic	Indicator.Value	URL	data.status.analysis_started_at	MS Windows 95 Internet shortcut text (URL=<woodguilt.com/87229782.png>), ASCII text	Value is split so we can get the actual URL
data.metadata.malware_desc[].md5	Indicator.Value	MD5	data.status.analysis_started_at	a28a6b6e8924ec4173241a8eff8bf8d3	N/A
data.metadata.malware_desc[].sha1	Indicator.Value	sha1	data.status.analysis_started_at	45d2abc7ff3693bb8a0d93ffc36561be28ccb3	N/A
data.metadata.malware_desc[].sha256	Indicator.Value	SHA-256	data.status.analysis_started_at	48c02c817adef30b675938044d65862e920c494ec13e60567f2c7aca3d7cc07b	N/A
data.metadata.iocs[].title	TTP/Attack Pattern.Value	N/A	data.status.analysis_started_at	DNS Query Returned Non-Existent Domain	User-configurable.
data.metadata.iocs[].description	TTP/Attack Pattern.Description	N/A	data.status.analysis_started_at	This indicator indicates that a DNS query was performed to an unregistered domain name..	N/A
data.metadata.iocs[].mitre-tactics[]	TTP.Value	N/A	data.status.analysis_started_at	N/A	If no mapping found, just title case, Mapped: {MITRE ID} -
data.metadata.iocs[].mitre-techniques[]	TTP/Attack Pattern.Attribute	Technique	data.status.analysis_started_at	N/A	Title-cased
data.metadata.iocs[].data[].Path	Indicator.Value	File Path	data.status.analysis_started_at	N/A	N/A
data.metadata.iocs[].data[].Domain	Indicator.Value	FQDN	data.status.analysis_started_at	N/A	N/A
data.metadata.iocs[].data[].URL	Indicator.Value	URL	data.status.analysis_started_at	N/A	N/A

FEED DATA PATH	THREATQ ENTITY	THREATQ OBJECT TYPE OR ATTRIBUTE KEY	NORMALIZATION	PUBLISHED DATE	NOTES
data.metadata.iocs[].data[].IP	Indicator.Value	IP Address	data.status.analysis._started_at	N/A	N/A
data.metadata.iocs[].data[].SHA256	Indicator.Value	SHA-256	data.status.analysis._started_at	N/A	N/A
data.metadata.iocs[].data[].Process_Name	Indicator.Value	Filename	data.status.analysis._started_at	N/A	Status: Indirect
data.metadata.iocs[].data[].Original_Filename	Indicator.Value	Filename	data.status.analysis._started_at	N/A	N/A
data.metadata.iocs[].data[].Antivirus_Result	TTP/Attack Pattern/Indicator.Attribute	Antivirus Detection	data.status.analysis._started_at	N/A	N/A
data.metadata.iocs[].data[].Security	TTP/Attack Pattern/Indicator.Attribute	Security Category	data.status.analysis._started_at	N/A	N/A
data.metadata.iocs[].data[].Category	TTP/Attack Pattern/Indicator.Attribute	Content Category	data.status.analysis._started_at	N/A	N/A
data.metadata.iocs[].Category	TTP/Attack Pattern.Attribute	Category	data.status.analysis._started_at	domain	N/A
data.metadata.iocs[].ioc	TTP/Attack Pattern.Attribute	Indicator	data.status.analysis._started_at	dns-query-nxdomain	A programmatic name for the TTP
data.metadata.iocs[].severity	TTP/Attack Pattern.Attribute	Severity	data.status.analysis._started_at	25	Updatable
data.metadata.iocs[].tags	TTP/Attack Pattern.Attribute	Tag	data.status.analysis._started_at	communication	N/A
data.metadata.iocs[].suspected-sample-categories	TTP/Attack Pattern.Attribute	Suspected Sample Category	data.status.analysis._started_at	N/A	N/A
data.metadata.domains.{domain}	Indicator.Value	FQDN	data.status.analysis._started_at	N/A	Domains with status innocuous are filtered out.
data.metadata.domains.{domain}.content_categories	Indicator.Attribute	Content Category	data.status.analysis._started_at	N/A	N/A
data.metadata.domains.{domain}.security_categories	Indicator.Attribute	Security Category	data.status.analysis._started_at	N/A	N/A
data.metadata.domains.{domain}.status	Indicator.Attribute	Status	data.status.analysis._started_at	indeterminate	Updatable

FEED DATA PATH	THREATQ ENTITY	THREATQ OBJECT TYPE OR ATTRIBUTE KEY	NORMALIZATION	PUBLISHED DATE	NOTES
data.metadata.domains.{domain}.risk_info.risk_score	Indicator Attribute	Risk Score	data.status.analysis_started_at	50	Updatable

## Get Sample (Supplemental)

This supplemental feed will fetch the sample from Threat Grid

```
GET https://panacea.threatgrid.com/api/v2/samples/{id}/analysis/sample.zip
```

There is no mapping for this supplemental feed.

# 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.

## Cisco Threat Grid

METRIC	RESULT
Run Time	1 minute
Attack Patterns	44
Attack Pattern Attributes	332
Indicators	46
Indicator Attributes	85
Report	1
Report Attributes	5
TTPs	9

# Change Log

- **Version 1.1.1**
  - Added the following new configuration parameter:
    - **Apply Severity Threshold to Domains as well** - filter out domains with risk score less than set IOC Severity Threshold.
  - Removed the following configuration parameter:
    - **Only Ingest Organizational Data.**
- **Version 1.1.0**
  - Updated the authentication method for the integration.
  - Added a configuration field: **Only Ingest Organizational Data.**
- **Version 1.0.9**
  - Resolved an issue where users would encounter a `RuntimeError('missing 2 required positional arguments: 'name' and 'value' ')` message.
- **Version 1.0.8**
  - Resolved an issue where users would encounter a `RuntimeError('Cannot unset key on non-Mapping value')` message.
- **Version 1.0.7**
  - Resolved an issue where users would encounter an error when creating objects from threat data.
- **Version 1.0.6**
  - Resolved an issue that would cause the following error when ingesting data: `Error creating objects from threat data....`
- **Version 1.0.5**
  - Added improved efficiency of the filter chain.
- **Version 1.0.4**
  - Added enable/disable configuration options for ThreatQ proxies and SSL verification.
- **Version 1.0.3**
  - Fixed an issue where users encountered empty key errors from supplement runs.
- **Version 1.0.2**
  - Fixed issue with empty key error in received response
  - Now ingests new URL indicators
- **Version 1.0.1**
  - Fixed filter error during ingestion
- **Version 1.0.0**
  - Initial release