ThreatQuotient

A Securonix Company

MITRE ATT&CK Navigator Operation

Version 1.0.3

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ThreatQuotient
20130 Lakeview Center Plaza Suite 400
Ashburn, VA 20147

ThreatQ Supported

Support

Email: tq-support@securonix.com
Web: https://ts.securonix.com
Phone: 703.574.9893

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

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Support Web: https://ts.securonix.com
Support Phone: 703.574.9893

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Integration Details

ThreatQuotient provides the following details for this integration:

Current Integration Version	1.0.3
Compatible with ThreatQ Versions	>= 4.30.0
Support Tier	ThreatQ Supported

Introduction

The MITRE ATT&CK Navigator Operation for ThreatQ allows an analyst to export an Adversary, and its related Attack Patterns, for use in the MITRE ATT&CK Navigator.

The operation provides the following action:

- **Generate Layer -** export Adversary and related Attack Patterns as JSON following the MITRE ATT&CK Navigator 4.2 specification.

The operation is compatible with the following system objects:

- Adversaries
- Campaigns
- Events
- Malware
- Reports
- Tools

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
Enable SSL Certificate Verification	Enable this parameter for the integration to validate the host-provided SSL certificate.
Disable Proxies	Enable this parameter if the integration should not honor proxies set in the ThreatQ UI.

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
Generate Layer	Export Adversary and related Attack Patterns as JSON following the MITRE ATTACK Navigator 4.4 specification.	Adversaries, Campaigns, Events, Tools, Malware, Reports	N/A

Generate Layer

The Generate Layer action exports Adversary and related Attack Patterns as JSON following the MITRE ATTACK Navigator 4.4 specification.

Sample Response:

```
{
    "versions": {
        "layer": "4.4",
        "navigator": "4.8.0"
    },
    "hideDisabled": false,
    "description": "Generated: 2026-03-05 08:29:05",
    "domain": "enterprise-attack",
    "legendItems": [
        {
            "label": "Is part of 'None'",
            "color": "#ff6666"
        }
    ],
    "sorting": 0,
    "filters": {
        "platforms": [
            "PRE",
            "Windows",
            "Linux",
            "macOS",
            "Network",
            "AWS",
            "GCP",
            "Azure",
            "Azure AD",
            "Office 365",
            "SaaS",
            "Google Workspace",
            "Containers"
        ]
    },
    "techniques": [],
    "name": "FIN6"
}
```

ThreatQuotient provides the following default mapping for this operation action based on each item with the `.adversary`.

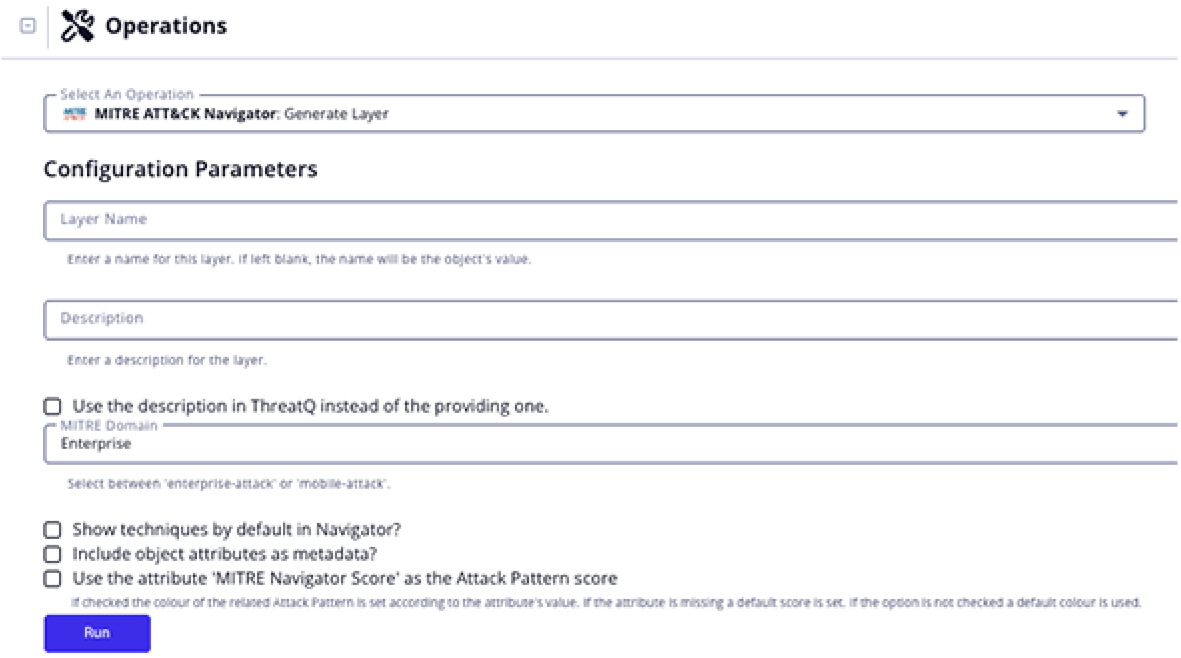
FEED DATA PATH	THREATQ ENTITY	THREATQ OBJECT TYPE OR ATTRIBUTE KEY	EXAMPLES	NOTES
versions.layer / versions.navigator	Integration Layer	Hardcoded values	{ "layer": "4.4", "navigator": "4.8.0" }	Always set by plugin to match MITRE Navigator spec.
.hideDisabled	Integration Layer	Default value	false	Defaults to False unless explicitly changed.
.description	Source Object	Object description or generated timestamp	"Generated: 2026-03-05 08:29:05"	Uses ThreatQ description if use_tq_description is enabled, otherwise timestamp.
.domain	Integration Layer	User parameter	"enterprise-attack"	Selected between Enterprise or Mobile domains.
.legendItems	Integration Layer	Derived from config	[{"label": "Is part of 'None'", "color": "#ff6666"}]	Added when add_technique_score is False.
.sorting	Integration Layer	Default value	0	Always set to 0.
.filters.platforms	Integration Layer	Domain filter map	[PRE, Windows, Linux, macOS, Network, AWS, GCP, Azure, Azure AD, Office 365, SAAS, Google Workspace, Containers]	Populated from filter_map dictionary in script.
.techniques	Attack Pattern	Related Attack Pattern attributes	[] (empty in FIN6 sample)	Built dynamically from linked Attack Patterns.
.name	Source Object	Object value	"FIN6"	Uses obj.get("value"), obj.get("name"), or obj.get("title").
.metadata	Source Object	Object attributes	[{"name":"Sector","value":"Finance"}] (if present)	Only included if attribute_metadata option is enabled.
techniques[].techniqueID	Attack Pattern	Attribute: Technique ID	"T1078"	Extracted via regex or attribute.
techniques[].tactic	Attack Pattern	Attribute: Tactic	"defense-evasion"	Lowercased and hyphenated.
techniques[].score	Attack Pattern	Attribute: MITRE Navigator Score	75	Used if add_technique_score is enabled; defaults to 50 if missing.
techniques[].color	Attack Pattern	Default color	"#ff6666"	Used when scores are not enabled.
techniques[].enabled	Attack Pattern	Hardcoded value	true	Always set to true by the plugin.
techniques[].metadata	Attack Pattern	All attributes	[{"name":"Source","value":"ThreatQ"}, {"divider":true}]	Added if attribute_metadata option is enabled.
techniques[].showSubtechniques	Attack Pattern	Derived from technique ID	true	Ensures parent techniques expand properly when subtechniques exist.

Run Configuration Options

> These configuration options are set after selecting the action to run against an object and are not set from the operation's configuration screen.

The following configuration options are available for this action:

RUN OPTION	DESCRIPTION
Layer Name	Name for this layer. If left blank, the name will be the object's value.
Description	Enter a description for the layer. A description is not needed if you have enabled the **Use the description in ThreatQ instead of the providing one** option.
Use the description in ThreatQ instead of the providing one	Enable this option to have the integration use the description in ThreatQ opposed to the one entered in the Description option.
MITRE Domain	Select the MITRE Domain for the layer. Options include **Enterprise** and **Mobile**.
Show techniques by default in Navigator	Enable this option to show techniques by default in Navigator.
Include object attributes as metadata	Enable this option to include object attributes as metadata.
Use the attribute 'MITRE Navigator Score' as the Attack Pattern score	Enable this option to use the value of the Attack Pattern's attribute `MITRE Navigator Score` to color the technique.



Operations

Select An Operation: **MITRE ATT&CK Navigator**: Generate Layer

Configuration Parameters

Layer Name

Enter a name for this layer. If left blank, the name will be the object's value.

Description

Enter a description for the layer.

□ Use the description in ThreatQ instead of the providing one.

MITRE Domain: Enterprise

Select between 'enterprise-attack' or 'mobile-attack'.

□ Show techniques by default in Navigator?

□ Include object attributes as metadata?

□ Use the attribute 'MITRE Navigator Score' as the Attack Pattern score

If checked the colour of the related Attack Pattern is set according to the attribute's value. If the attribute is missing a default score is set. If the option is not checked a default colour is used.

Change Log

- **Version 1.0.3**
  - Updated the integration to prevent crashes caused by duplicate uploads by ensuring file contents are unique and adding improved error handling.
  - Added the following configuration parameters:
    - **Enable SSL Certificate Verification -** determine if the integration should validate the host-provided SSL certificate.
    - **Disable Proxies -** determine if the integration should honor proxies set in the ThreatQ UI.
- **Version 1.0.2**
  - Added the Run Parameter, **Use the attribute 'MITRE Navigator Score' as the Attack Pattern score**, to set a score for each Attack Pattern.
- **Version 1.0.1**
  - The operation is now compatible with Tools and Events object types.
- **Version 1.0.0**
  - Initial release