ThreatQuotient for ThreatMiner Operation

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Version 1.0

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About This ThreatQuotient for ThreatMiner Operation

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History

Table 1: Document History Information

Version No.	Issue Date	Status	Reason for Change
0.1	23 Apr 2018	Initial Draft	Initial draft
0.2	23 Apr 2018	First Draft	ThreatQuotient internal review
1.0	12 May 2018	Release	Release

Review

Table 2: Document Revision Information

Reviewer's Details	Version No.	Date
Tony Michelizzi	0.1	23 Apr 2018
Les Adams	0.2	23 Apr 2018
Leon Brown	1.0	12 May 2018

Document Conventions

Alerts readers to take note. Notes contain suggestions or references to material not covered in the document.

Alerts readers to be careful. In this situation, you may do something that could result in equipment damage or loss of data.

Alerts the reader that they could save time by performing the action described in the paragraph.

Alerts the reader that the information could help them solve a problem. The information might not be troubleshooting or even an action.

1 Introduction

1.1 Application Function

The ThreatQuotient for ThreatMiner Operation provides enrichment data for indicators. Those indicators included are shown below in Table 3: Enrichment Indicators Information.

Table 3: Enrichment Indicators Information

Indicators	
IP Address	FQDN
MD5	SHA-1
SHA-256	SHA-384
SHA-512	Email Address
Filename	Mutex
Registry Key	URL Path
User-agent	

1.2 Preface

This guide provides the information necessary to implement the ThreatQuotient for ThreatMiner Operation. This document is not specifically intended as a site reference guide.

It is assumed that the implementation engineer has experience installing and commissioning ThreatQuotient Apps and integrations covered within the document, as well as experience necessary to troubleshoot at a basic level.

1.3 Audience

This document is intended for use by the following parties:

1. ThreatQ and Security Engineers.
2. ThreatQuotient Professional Services Project Team & Engineers.

1.4 Scope

This document covers the implementation of the application only.

Table 4: ThreatQuotient Software & App Version Information

Software/App Name	File Name	Version
ThreatQ	Version 3.6.x or greater	
ThreatQuotient for ThreatMiner Operation	1.0.0	

1.5 Assumptions

The following criteria is assumed to be in place and functional to allow the implementation of the ThreatQuotient for ThreatMiner Operation into the managed estate:

- All ThreatQuotient equipment is online and in service.
- Infrastructure/transmission at all sites and between sites is in place to support the network traffic.
- All required firewall ports have been opened.
- All equipment is powered from permanent power supplies.
- A clock source of sufficient accuracy is connected to the network and the network and devices are using it as the primary clock source.

2 Implementation Overview

This document provides direction on how to install and configure the ThreatQuotient for ThreatMiner Operation found within the ThreatQ instance.

2.1 Prerequisites

Throughout this implementation document, there will be referrals to several files and directories, some of which will be symbolic, and others may change depending on specifics of the environmental setup.

Ensure all ThreatQ devices are set to the correct time, time zone and date, and using a clock source available to all.

For Example:

Figure 1: Time Zone Change Example

```
sudo ln -sf /usr/share/zoneinfo/America/Los_Angeles /etc/localtime
```

2.2 Security and Privacy

For ThreatQuotient Professional Services engineers to configure the system, local network access is required to connect to the managed estate. Therefore, the implementation must occur at an office or data center location.

Passwords have not been provided in this document. Please contact your project team for this information, if required.

All engineers are reminded that all data belonging and pertaining to the business is strictly confidential and should not be disclosed to any unauthorized parties.

The data held within this document is classed as confidential due to its nature.

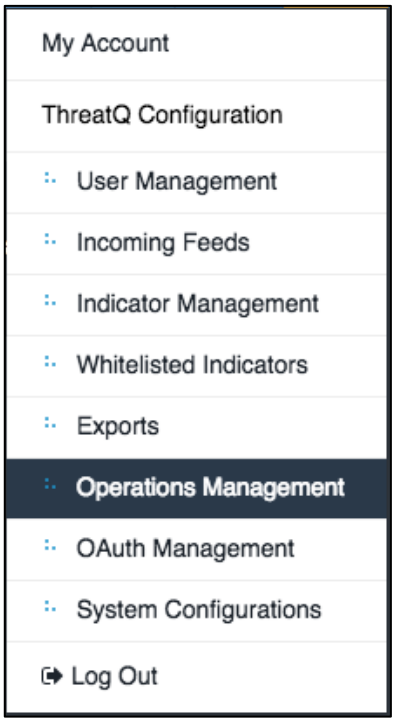
3 ThreatQuotient for ThreatMiner Operation Installation

3.1 Setting up the Integration

Ensure the file `threat_miner-1.0.0-py3-none-any.whl` is available on the device being used to administer the ThreatQ instance in which the ThreatQuotient for ThreatMiner Operation is being installed/upgraded.

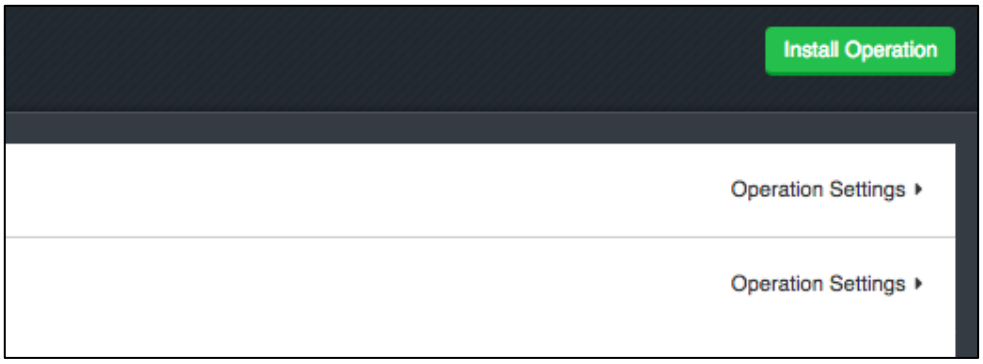
1. Navigate to **Settings** → **Operations Management**.

Figure 2: Operations Management – Install



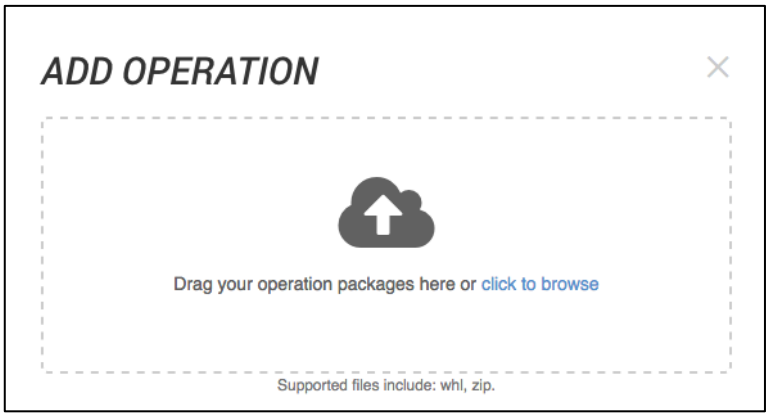
2. Click on the **Install Operation** button in the upper right corner.

Figure 3: Install Operation



3. Drag the `threat_miner-1.0.0-py3-none-any.whl` to the Add Operation Popup or click to Browse then browse to the required file.

Figure 4: Add Operation



4. Click on the install/upgrade button.

You may be presented with **OPERATION ALREADY INSTALLED** as shown below. Click **Upgrade** to continue.

Figure 5: Add Operation

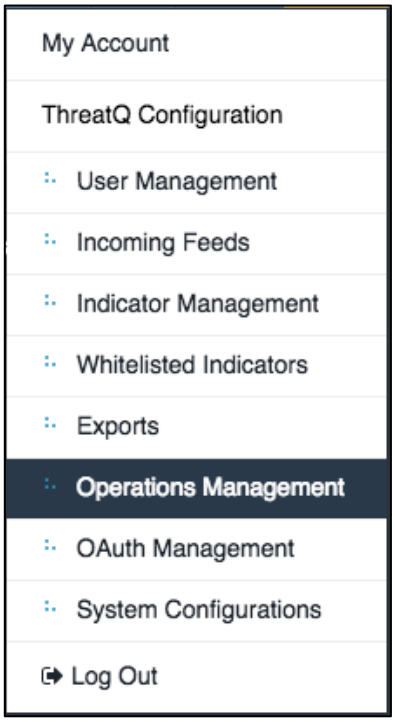
Installation / Upgrade is now complete.

3.2 Configuring the Operation

The following section covers the configuration of the ThreatQuotient for ThreatMiner Operation.

1. Navigate to **Settings** → **Operations Management.**

   Figure 6: Operations Management – Configuration



2. Expand the **ThreatMiner** configuration.

   Figure 7: Operation Configuration

3. Click **Save Changes**. To enable any changes that have been made.
4. Click the toggle in next to the **Threat Miner** name to enable the operation.

Appendix A: Acronym Listing / Full Glossary

Term	Definition
TQIS	ThreatQ Integration Server
CID	Container Identity
App	Application
Op	Operation
SDK	Software Development Kit
SCP	Secure Copy Protocol
HTTP	HyperText Transfer Protocol
CLI	Command Line Interface
VI	visual instrument (vi is a screen-oriented text editor)
IP	Internet Protocol
SHA	Secure Hash Algorithm
MD5	Message-Digest Algorithm

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