# McAfee TIE Operation Implementation Guide

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## **Contents**

McAfee TIE Operation Implementation Guide	
Warning and Disclaimer	2
Contents	4
Introduction	5
Actions	5
Query Reputation	6
Set Reputation	7
Operation Configuration	9
Operation Installation	9



#### Introduction

The McAfee TIE operation has get and set actions. The get action queries the configured TIE server for any threat information for the indicator in question. The set operation sets the Enterprise Threat Level of the indicator in question on the McAfee TIE server.

This integration requires:

• ThreatQ version 4.11 or higher

#### **Actions**

Action	Description	Object Type
Query Reputation	Query a McAfee TIE server for additional attributes relevant to certain indicators	Indicator
Set Reputation Might Be Malicious	Set the Enterprise reputation for an indicator	Indicator
Set Reputation Most Likely Malicious	Set the Enterprise reputation for an indicator	Indicator
Set Reputation Unknown	Set the Enterprise reputation for an indicator	Indicator
Set Reputation Known Malicious	Set the Enterprise reputation for an indicator	Indicator



Action	Description	Object Type
Set Reputation Known Trusted	Set the Enterprise reputation for an indicator	Indicator

## **Query Reputation**

The following indicator types in ThreatQ can run this operation currently:

- MD5
- SHA-1
- SHA-256

This operation will create up to 12 attributes for an indicator depending upon how much information the McAfee ecosystem has about this indicator. The table below summarizes these 12 attributes. Each cell in the table represents the attribute name in ThreatQ.

McAfee Source	Reputation	Created At	Count	Prevalence
Global Threat Intelligence (GTI)	Global Threat Intelligence Trust Level	Global Threat Intelligence Created At	Global Threat Intelligence Count	Global Threat Intelligence Prevalence
Advanced Threat Defense (ATD)	Advanced Threat Defense Trust Level	Advanced Threat Defense Created At	Advanced Threat Defense Count	Advanced Threat Defense Pre- valence



McAfee Source	Reputation	Created At	Count	Prevalence
Enterprise	Enterprise	Enterprise	Enterprise	Enterprise Pre-
	Reputation	Created At	Count	valence

The reputation attribute values are created from the mapping given in the table below.

McAfee Reputation Score	ThreatQ Trust Level Attribute Value
0	Not Set
1	Known Malicious
15	Most Likely Malicious
30	Might Be Malicious
50	Unknown
70	Might Be Trusted
85	Most Likely Trusted
100	Known Trusted

# **Set Reputation**

This operation allows the user to set the Enterprise reputation 'trust level' in the McAfee TIE Database for the following indicator types in ThreatQ:



- MD5
- SHA-1
- SHA-256

The reputation attribute values are created from the mapping given in the table below.

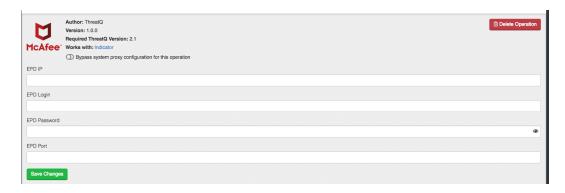
McAfee Reputation Score	ThreatQ Trust Level Attribute Value
1	Known Malicious
15	Most Likely Malicious
30	Might Be Malicious
50	Unknown
100	Known Trusted





## **Operation Configuration**

This operation requires a signed certificate for communication with the McAfee DXL server. Currently, the operation will use the McAfee EPO to generate this certificate (meaning, the operation will not work with a signed certificate generated outside of this program). To be able to generate the certificate, the operation will require input arguments as shown below.



The parameter description is as below:

EPO IP: The IP Address of the McAfee EPO server.

• **EPO Login**: EPO Login

• EPO Password: EPO Password

• EPO Port: This field is optional. If left blank, the default port, 8443, is used.

# **Operation Installation**

Using the whl file, this operation can either be installed via the user interface by navigating to **Operations Management** and clicking **Install Operation**.

Another way to install the operation is to use the **tq\_plugin** command on the CLI as follows (make sure to run as <a href="mailto:apache">apache</a> user as shown):



sudo -u apache /opt/threatq/python/bin/tq-plugin
install mcafee\_tie-1.0.0-py3-none-any.whl

sudo -u apache php /var/www/api/artisan threatq:plugin-sync