ThreatQuotient

ThreatQ ACE Operation Guide

Version 1.0.1

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Support Email: support@threatq.com
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Integration Details

ThreatQuotient provides the following details for this integration:

Current Integration Version	1.0.1
Compatible with ThreatQ Versions	>= 5.15.0
Support Tier	ThreatQ Supported

Introduction

The ThreatQ ACE operation utilizes the ThreatQ ACE library for parsing unstructured text for contextual intelligence such as IOCs, malware, adversaries, and tags.

The operation provides the following action:

- **Parse** - parses a selected object's unstructured description text for contextualization.

The operation is compatible with the following system objects:

- Adversaries
- Campaigns
- Events
- Files
- Incidents
- Malware
- Reports

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. Review any additional settings, make any changes if needed, and click on **Save**.
5. 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
Parse	Parses the given object for context.	Adversary, Campaign, Incident, Event, File, Malware, Report	N/A

Parse

The Parse action parses the selected object's unstructured description text for contextualization.

Parse Parameters

The Parse action provides the following configuration parameters:

PARAMETER	DESCRIPTION
Dry Run	Disable this option to have the operation automatically upload the parsed context to the ThreatQ platform.
Select Parsers	Select which parsers to use in extract data from the current object. Options include: • Indicators (default) • Vulnerabilities • Attributes • Tags • Malware • Adversaries • Attack Patterns
Parsed IOC Types	Select which IOCs types to parse for with the operation. Options include: • MD5 (default) • SHA-1 (default) • SHA-256 (default) • SHA-384 • CIDR Block (default) • URL (default) • FQDN (default) • Email Address • IP Address (default) • Filename • File Path
Default IOC Status	Select the default status of IOCs that are automatically ingested into the platform. This option only applies when you are have disabled the **Dry Run** option.

Configuration Parameters

☑ Dry Run

If disabled, this action will automatically upload the parsed context to ThreatQ. Indicators will be added with the "Review" status.

Select Parsers

Select which parsers to use to extract data from the current object

- ☑ Indicators
- ☐ Vulnerabilities
- ☐ Attributes
- ☐ Tags
- ☐ Malware
- ☐ Adversaries
- ☐ Attack Patterns

Parsed IOC Types

Select which IOC types to parse for

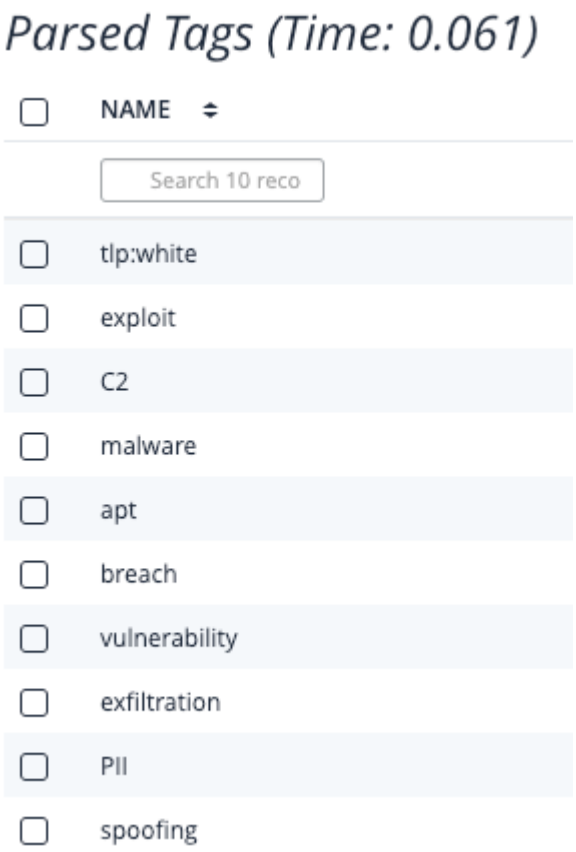
- ☑ MD5
- ☑ SHA-1
- ☑ SHA-256
- ☐ SHA-384
- ☑ CIDR Block
- ☑ URL
- ☑ FQDN
- ☐ Email Address
- ☑ IP Address
- ☐ Filename
- ☐ File Path

Default IOC Status

Review

Select the default status for IOCs automatically ingested into ThreatQ (when dry run is disabled)

Example - Parsed Tags



Example - Parsed Attributes

Parsed Attributes (Time: 0.239)

NAME	VALUE
Search 40 reco	Search 40 reco
Affected Operating System	Windows
Affected Operating System	Linux
Detection	Trojan.PHP.Shell.JB
Detection	Trojan.Script.Crypt.dsonvo
Detection	Trojan.PHP.Crypt
Detection	Trojan.PHP.Shell.LV
Detection	Trojan.Win32.Malware
Detection	W32/Trojan3.XZP
Detection	Trojan.Generic.20173242
Detection	Trojan.Cozer.B
Detection	Win.Trojan.OnionDuke-5486244-0
Detection	Trojan.Win32.MiniDuke.ekecow
Detection	W32/Trojan3.XZO
Detection	Trojan.Generic.20173160
Detection	Win.Trojan.OnionDuke-5486245-0
Detection	Trojan.Win32.AD.ekdqnf
Detection	Trojan.Win32.Agent
Detection	W32/Dridex.HX
Detection	Win.Trojan.Agent-5486255-0
Detection	Trojan.Rtf.Stealer.efqzyl
Detection	Trojan.Win32.Zlader
Detection	Trojan.Win32.Crypt5.AYWX
Detection	Trojan.Fareit.Win32.14782
Detection	Win.Trojan.Agent-5486256-0
Detection	Trojan/Win32.Fareit

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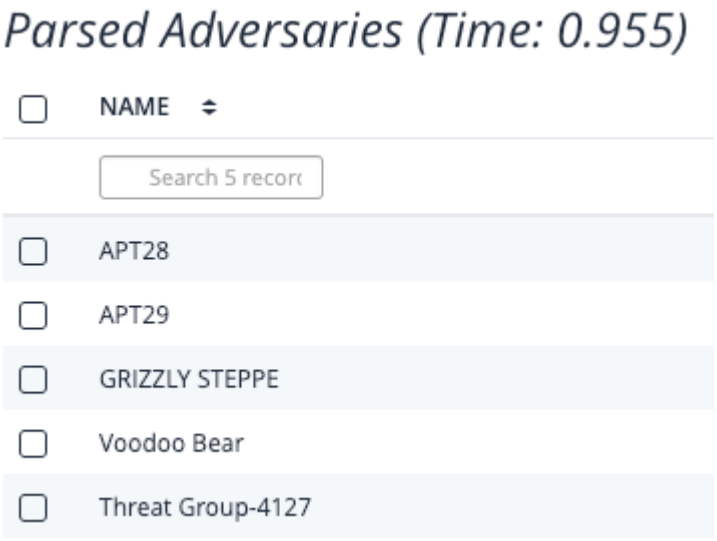
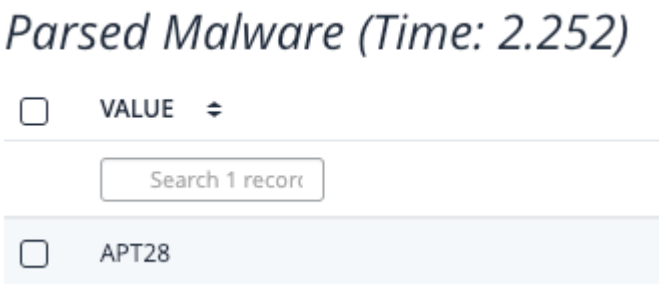
Add Selected Attributes

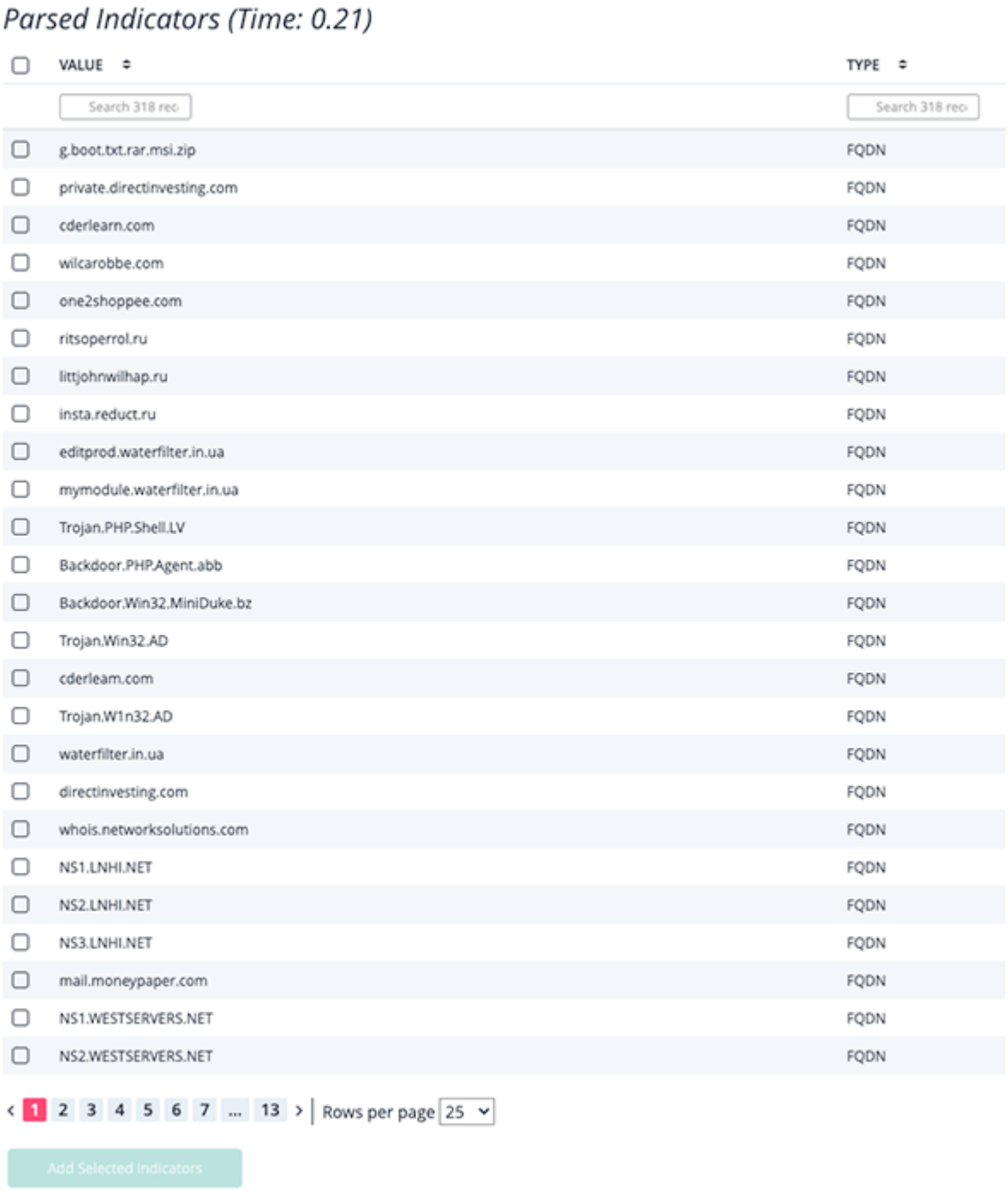
Example - Parsed Adversaries



Example - Parsed Malware

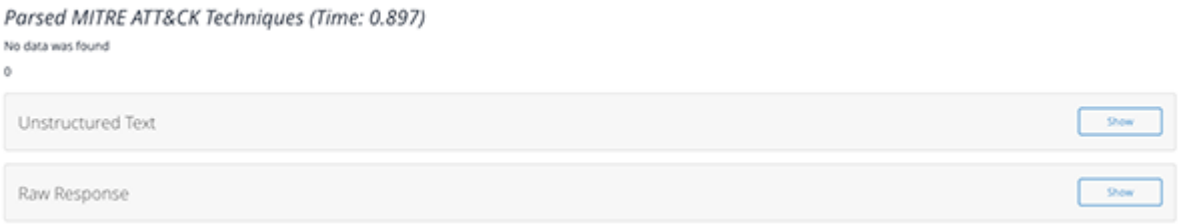


Example - Parsed Indicators



Example - Parsed Vulnerabilities

Example - Parsed MITRE ATT&CK Techniques



Change Log

- **Version 1.1.0**
  - The ACE library dependency is now embedded with the operation and no requires manual installation.
  - Updated the minimum ThreatQ version to 5.15.0
- **Version 1.0.0**
  - Initial release