ThreatQuotient

A Securonix Company

Dataminr Pulse Operation

Version 1.0.0

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ThreatQuotient
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ThreatQ Supported

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Contents

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Integration Details

ThreatQuotient provides the following details for this integration:

Current Integration Version	1.0.0
Compatible with ThreatQ Versions	>= 5.12.0
Support Tier	ThreatQ Supported

Introduction

The Dataminr Pulse Operation processes GenAI-enabled alerts ingested through the Dataminr Pulse CDF's Real-time Pulse Alerts feed, enriching them with Dataminr's AI-generated context. This context includes Live Briefs and Intel Agent entities such as Vulnerabilities, Malware, Adversaries, and related Attack Patterns.

The operation provides the following action:

- **Get Dataminr GenAI -** enriches Alerts with Dataminr AI-generated context.

The operation is compatible with Event (Alert) objects.

Prerequisites

The integration requires the following:

- A Dataminr Client ID.
- A DataMinr Client Secret.
- Alerts ingested as events from the Dataminr Pulse CDF.

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.

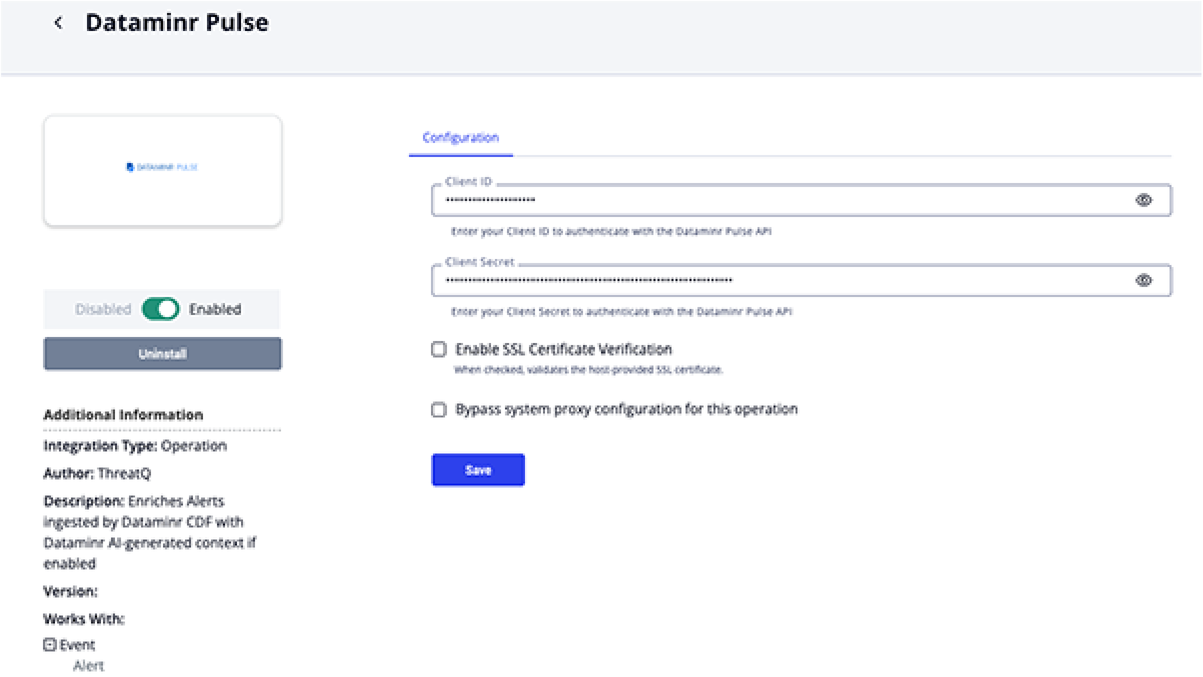
Configuration

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
Client ID	Enter your Client ID to authenticate with the Dataminr Pulse API.
Client Secret	Enter your Client Secret to authenticate with the Dataminr Pulse API.
Enable SSL Certificate Verification	Enable this parameter if the operation should validate the host-provided SSL certificate.



‹ **Dataminr Pulse**

Disabled ● Enabled

Uninstall

Additional Information

Integration Type: Operation

Author: ThreatQ

Description: Enriches Alerts ingested by Dataminr CDF with Dataminr AI-generated context if enabled

Version:

Works With:

⊟ Event
Alert

Configuration

Client ID: ••••••••••••••••••••••

Enter your Client ID to authenticate with the Dataminr Pulse API

Client Secret: ••

Enter your Client Secret to authenticate with the Dataminr Pulse API

☐ Enable SSL Certificate Verification

When checked, validates the host-provided SSL certificate.

☐ Bypass system proxy configuration for this operation

Save

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
Get Dataminr GenAI	Enriches Alerts with Dataminr AI-generated context	Events	Alert

Get Dataminr GenAI

The Get Dataminr GenAI operation action parses a GenAI-enabled alert ingested by the Dataminr CDF, incorporating Dataminr's AI-generated contextual information.

> The alert_id used in the request is the `Alert ID` attribute ingested by Dataminr CDF when the Alert has GenAI enabled.

`GET https://api.dataminr.com/pulse/v1/alerts/{alert_id}`

Sample Response:

```
{
    "metadata": {
        "cyber": {
            "threatActors": [
                {
                    "name": "APT Iran"
                }
            ],
            "vulnerabilities": [
                {
                    "id": "CVE-2025-64095",
                    "products": [
                        {
                            "productVersion": "10.1.1",
                            "productVendor": "dnnsoftware",
                            "productName": "Dnn.Platform"
                        }
                    ],
                    "cvss": 10.0
                }
            ]
        }
    },
    "linkedAlerts": [
        {
            "count": 1,
            "parentAlertId": "12626486461170500867-1762460407000-1"
        }
    ],
    "headline": "Proof of concept exploit code reportedly published for
critical severity unauthenticated file upload and overwrite vulnerability
CVE-2025-64095 in DotNetNuke software by APT Iran hacking group: Local Source
via GitHub.",
    "publicPost": {
        "timestamp": "2025-11-07T06:12:18.380Z",
        "href": "https://r.dataminr.com/3ZkQ5MvN491805464490091",
        "channels": [
            "blog"
        ]
    },
    "liveBrief": [
        {
            "timestamp": "2025-11-07T06:17:04.676399Z",
            "version": "current",
            "summary": "The APT Iran hacking group has reportedly published
proof of concept exploit code for the critical severity unauthenticated file
upload and overwrite vulnerability CVE-2025-64095 in DotNetNuke software."
        }
    ],
    "intelAgents": [
        {
            "timestamp": "2025-11-07T06:17:38.026Z",
            "version": "current",
            "summary": [
                {
                    "type": [
                        "CYBER"
                    ],
                    "title": "Vulnerability Background",
                    "content": [
                        "A critical vulnerability in the DNN (formerly
DotNetNuke) web content management platform, specifically versions prior to
10.1.1, has been identified as remotely exploitable with a CVSS score of 10.0.
This vulnerability can lead to site defacement and XSS attacks."
                    ]
                }
            ],
            "discoveredEntities": [
                {
                    "name": "CVE-2025-64095",
                    "type": "vulnerability",
                    "summary": "DNN (formerly DotNetNuke) is an open-source web
content management platform (CMS) in the Microsoft ecosystem. Prior to 10.1.1,
the default HTML editor provider allows unauthenticated file uploads and images
can overwrite existing files. An unauthenticated user can upload and replace
existing files allowing defacing a website and combined with other issue,
injection XSS payloads. This vulnerability is fixed in 10.1.1.",
                    "publishedDate": "2025-10-28T22:15:38Z",
                    "products": [
                        {
                            "productVendor": "dnnsoftware",
                            "productName": "dotnetnuke"
                        }
                    ],
                    "epssScore": 12.5,
                    "cvss": 10.0
                },
                {
                    "name": "APT Iran",
                    "type": "threatActor",
                    "summary": "APT Iran is a pro-Iranian hacktivist group that
has claimed attacks against targets in the US and Israel. The group’s campaigns
have included purported attempts to disrupt fuel distribution systems.
According to the APT Iran Telegram account, the group has exploited RDP access
to deploy LockBit Black ransomware in attacks. They also allegedly compromised
Israel’s Ministry of Health by exploiting an F5 BIG-IP vulnerability.",
                    "countryOfOrigin": "IR"
                }
            ]
        }
    ],
    "dataminrAlertUrl": "https://app.dataminr.com/#alertDetail/
5/7954142829626090758176249593838O-1762495938380-1",
    "alertTimestamp": "2025-11-07T06:17:01.833Z",
    "alertReferenceTerms": [
        {
            "text": "cyber exploits"
        }
    ],
    "alertId": "79541428296260907581762495938380-1762495938380-1"
}
```

ThreatQuotient provides the following default mapping for this action:

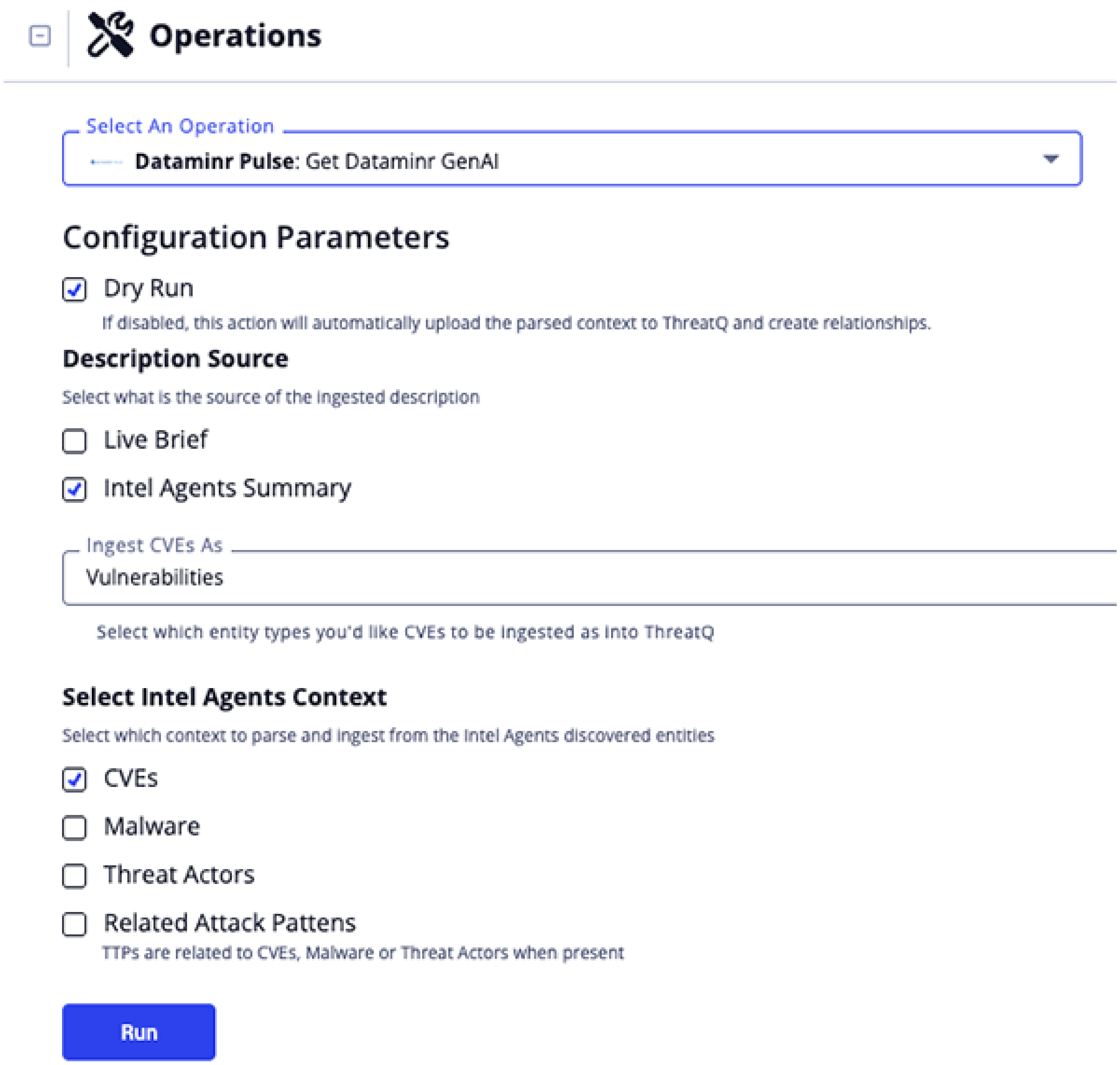
FEED DATA PATH	THREATQ ENTITY	THREATQ OBJECT TYPE OR ATTRIBUTE KEY	PUBLISHED DATE	EXAMPLES	NOTES
`.liveBrief.summary`	Alert Description	N/A	N/A	`The APT Iran hacking group...`	User-Configurable.
`.intelAgents.summary.title+ .intelAgents.summary.content`	Alert Description	N/A	N/A	`Vulnerability Background \n A critical vulnerability in the DNN ...`	User-Configurable.
`.intelAgents.discoveredEntities.name`	Related Vulnerability/ Indicator	Vulnerability/CVE	N/A	`CVE-2025-64095`	User-Configurable.If `.intelAgents.discoveredEntities.type` is `vulnerability`
`.intelAgents.discoveredEntities.name`	Related Adversary	Adversary	N/A	`APT Iran`	User-Configurable.If `.intelAgents.discoveredEntities.type` is `threatActor`
`.intelAgents.discoveredEntities.name`	Related Malware	Malware	N/A	N/A	User-Configurable.If `.intelAgents.discoveredEntities.type` is `malware`
`.intelAgents.discoveredEntities.summary`	Related Vulnerability/ Indicator Description	N/A	N/A	`DNN (formerly DotNetNuke) is an...`	User-Configurable.If `.intelAgents.discoveredEntities.type` is `vulnerability`
`.intelAgents.discoveredEntities.products.productVendor[]`	Related Vulnerability/ Indicator Attribute	Vendor Name	N/A	`dnnsoftware`	User-Configurable.If `.intelAgents.discoveredEntities.type` is `vulnerability`
`.intelAgents.discoveredEntities.products.productName[]`	Related Vulnerability/ Indicator Attribute	Product Name	N/A	`dotnetnuke`	User-Configurable.If `.intelAgents.discoveredEntities.type` is `vulnerability`
`.intelAgents.discoveredEntities.epssScore`	Related Vulnerability/ Indicator Attribute	EPSS Score	N/A	`12.5`	User-Configurable.If `.intelAgents.discoveredEntities.type` is `vulnerability`
`.intelAgents.discoveredEntities.cvss`	Related Vulnerability/ Indicator Attribute	CVSS Score	N/A	`10.0`	User-Configurable.If `.intelAgents.discoveredEntities.type` is `vulnerability`
`.intelAgents.discoveredEntities.aliases[]`	Related Adversary Attribute	Alias	N/A	N/A	User-Configurable.If `.intelAgents.discoveredEntities.type` is `threatActor`
`.intelAgents.discoveredEntities.affectedOperatingSystems[]`	Related Malware Attribute	Affected Operating System	N/A	N/A	User-Configurable.If `.intelAgents.discoveredEntities.type` is `malware`
`.intelAgents.discoveredEntities.ttps[]`	Related Attack Patterns	Attack Pattern	N/A	N/A	User-Configurable. Related to the Alert related object(Vulnerability/ Indicator, Adversary, Malware), based

FEED DATA PATH	THREATQ ENTITY	THREATQ OBJECT TYPE OR ATTRIBUTE KEY	PUBLISHED DATE	EXAMPLES	NOTES
					on `.intelAgents.discoveredEntities.type`.

Run Parameters

The following run parameters are available after selecting the operation's **Get Dataminr GenAI** action for an object:

PARAMETER	DETAILS
Dry Run	Disabling this run parameter for the action will result in it automatically uploading the parsed context to ThreatQ and creating relationships. This run parameter is enable by default.
Description source	Select what is the source of the ingested description. Options include: • Live Brief • Intel Agents Summary *(default)*
Ingest CVEs as	Select how to ingest CVEs into ThreatQ. Options include: • Vulnerabilities *(default)* • Indicators
Select Intel Agents Context	Select which context to parse and ingest from the Intel Agents discovered entities. Options include: • CVEs *(default)* • Malware • Threat Actors • Related Attack Pattens



Select An Operation: **Dataminr Pulse**: Get Dataminr GenAI

Configuration Parameters

☑ Dry Run

If disabled, this action will automatically upload the parsed context to ThreatQ and create relationships.

Description Source

Select what is the source of the ingested description

☐ Live Brief

☑ Intel Agents Summary

Ingest CVEs As: Vulnerabilities

Select which entity types you'd like CVEs to be ingested as into ThreatQ

Select Intel Agents Context

Select which context to parse and ingest from the Intel Agents discovered entities

☑ CVEs

☐ Malware

☐ Threat Actors

☐ Related Attack Pattens

TTPs are related to CVEs, Malware or Threat Actors when present

Known Issues / Limitations

- The operation uses `GenAI` and `Alert ID` attributes which are ingested by the Dataminr Pulse CDF's **Dataminr Real-time Pulse Alerts** feed. If the alert does not include a GenAI attribute set to `True`, it indicates that GenAI is not enabled for that alert.
- The operation must be run with the **Dry Run** run parameter disabled in order to ingest parsed context. This is due to a ThreatQ platform limitation.

> Disabling the **Dry Run** run parameter will result in the automatic ingestion of all data that was parsed.

Change Log

- **Version 1.0.0**
    - Initial release