

Optiv Threat Intel

Splunk App

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Overview

Optiv Threat Intel is a Splunk App that automatically correlates your data with several popular open threat lists. After a few mouse clicks we can start hunting for log sources that are beaconing out or being attacked by known bad IP ranges. The app can provide increased visibility to potentially malicious activity going on in the organization.

Features:

- Threat list visualization feature that shows where most of the attackers are located on a globe.
- Easily choose indexes, sourcetypes, or hosts for log entries that match threat list destination IPs.
- IP search feature that displays threat list activity.
- RSS feed which will poll several information security news sites and consolidate the stories on one page.
- Updated information is pulled down from the web every 8 hours.
- Threat list visualization that shows where most of the attackers are located on a globe.
- Easily choose indexes, sourcetypes, or hosts for log entries that match threat list destination IPs, URLs and domains.
- Email alerting feature to notify you of a threat list match that is correlated against your organization's machine data.
- IP search feature that displays threat list activity.
- Domain search feature that displays threat list activity.

This document serves as a guide to both the Optiv_TA_threat app as well as the Optiv Threat Intel app, as they go hand-in-hand.

Optiv Threat Intel is the app, installed on the search head(s), which visualizes the data collected. Optiv_TA_threat is the threat list collection engine which is installed on a forwarder server that makes the web requests. Both apps are to be installed on only one node in a Splunk environment. There is no need to install multiple copies anywhere.

Splunk Role Matrix:

Role	App to install
Search heads	Optiv Threat Intel
Indexers	N/A
Heavy or Universal Forwarder	Optiv_TA_threat
Other Splunk roles	N/A

For a distributed environment that does not contain heavy or universal forwarders, installing Optiv_TA_threat on the search head is acceptable.



Optiv Threat Intel Application characteristics:

Characteristic	
Has index-time operations	False
Must be installed on indexers*	False
Create an index	True
Implements summarization	True

Optiv TA threat Application characteristics:

Characteristic	
Has index-time operations	True
Must be installed on indexers*	False
Create an index	True
Implements summarization	False

*An “**optiv**” index is required on each indexer for the app to function.

Prerequisites

- Splunk 6.3.x, 6.4.x or 6.5.x
- Linux or Windows Operating System
- If there is a distributed environment, install each app as indicated above.
- Web access is required to several threat list and news RSS sites.
- For the Globe visualization, install the Custom Visualizations app found at:
<https://splunkbase.splunk.com/app/2717/>

Install

- Login to Splunk as an administrator.
- Go to Apps->Manage apps
- Click **Install app from file**.
- Browse to the file folder with the app zip file.
- Choose the file and click OK
- After the app is uploaded and installed, restart Splunk.



Upgrade Instructions

- Stop Splunk
- Remove the app from the directory structure:

```
rm -rf /opt/splunk/etc/apps/optiv_threat_intel  
rm -rf /opt/splunk/etc/apps/optiv_TA_threat
```

- Start Splunk
- Install using the steps shown in the Install section.

Support

Support is provided as a best effort basis. For best results post on Splunk Answers.

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Screenshots

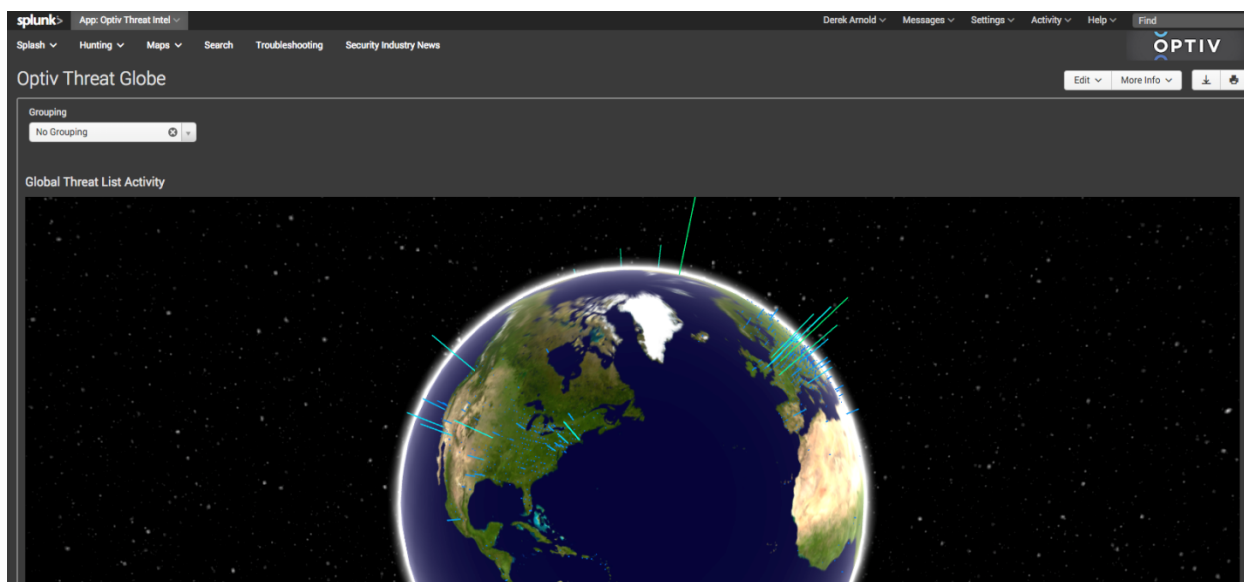


Figure 1: Optiv Threat Globe

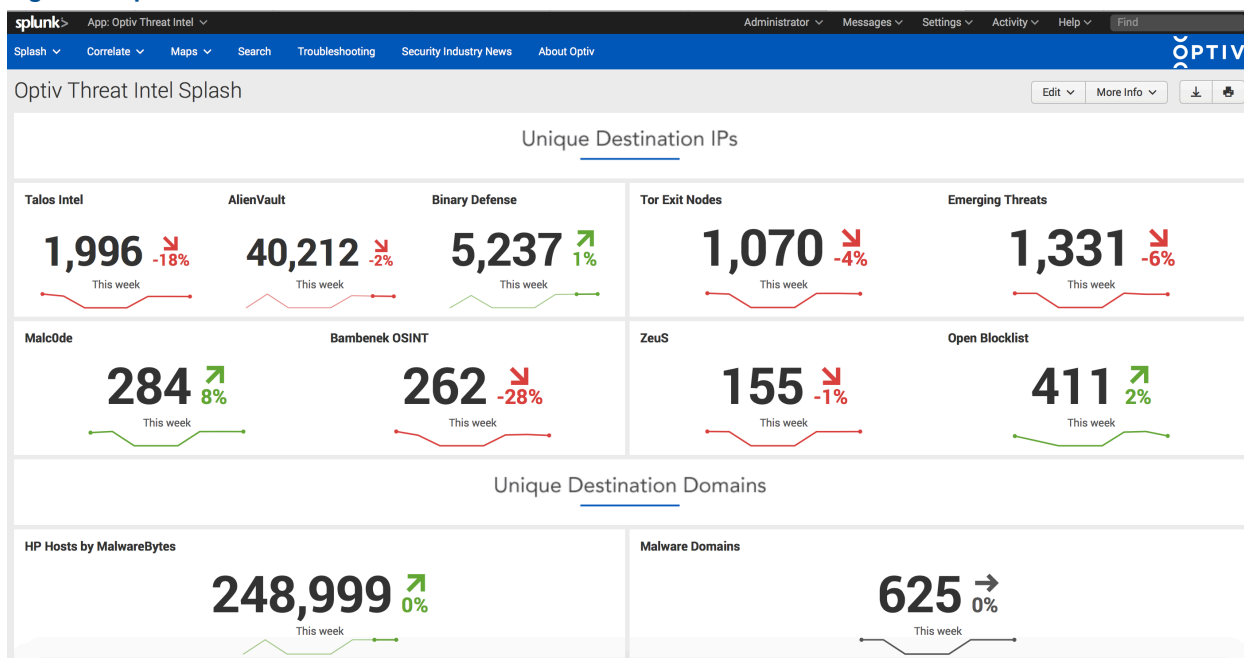


Figure 2: Optiv Threat Intel Splash

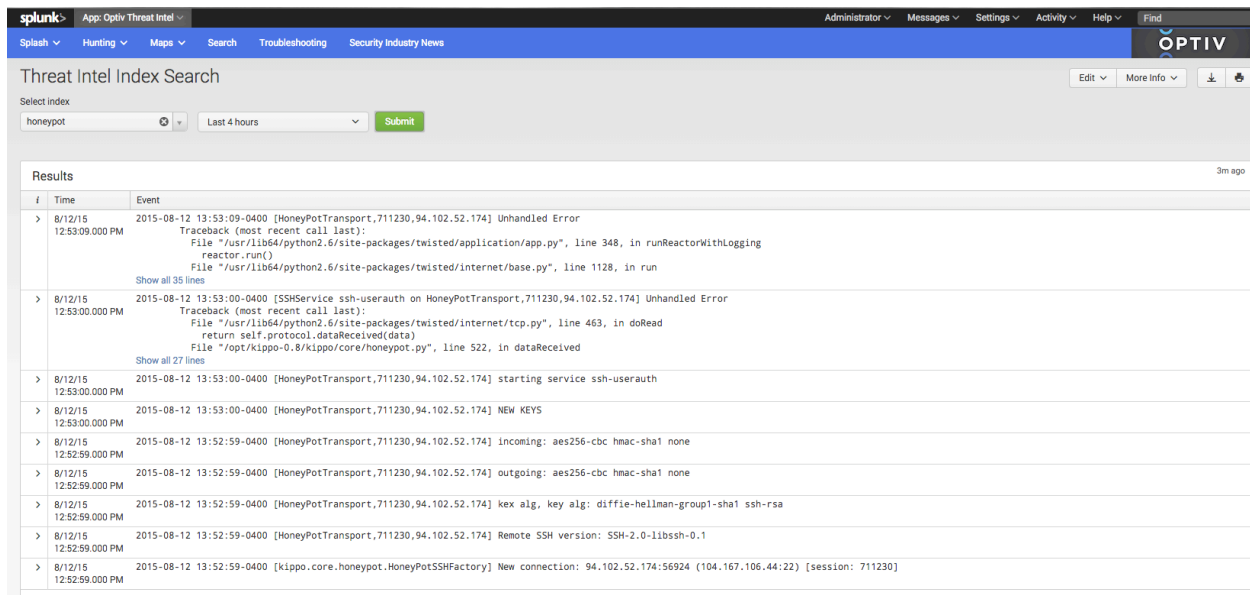


Figure 3: Threat Intel Index Search

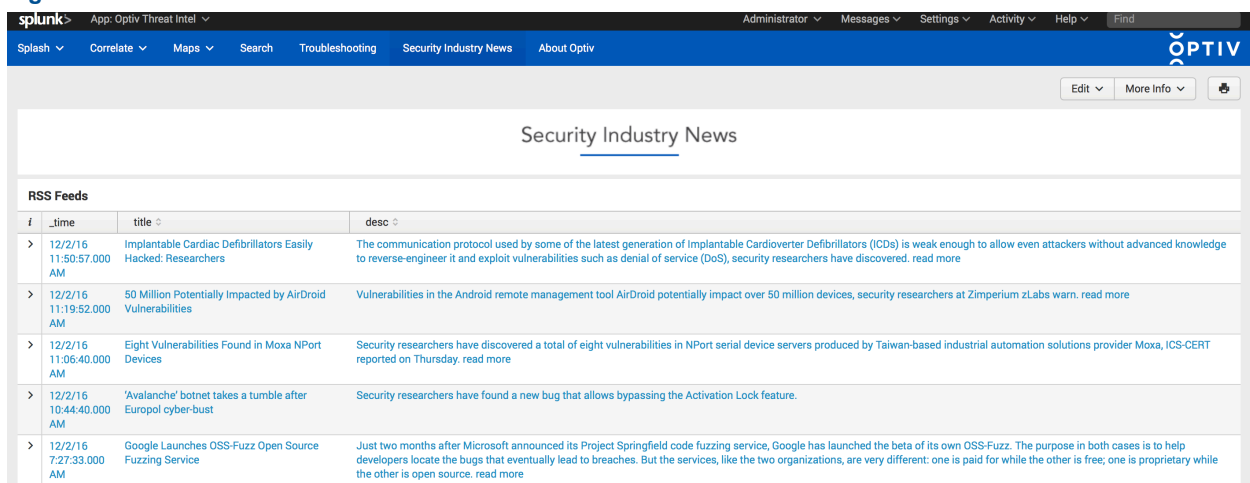


Figure 4: RSS Security Industry News



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Optiv is the largest holistic pure-play cyber security solutions provider in North America. The company's diverse and talented employees are committed to helping businesses, governments and educational institutions plan, build and run successful security programs through the right combination of products, services and solutions related to security program strategy, enterprise risk and consulting, threat and vulnerability management, enterprise incident management, security architecture and implementation, training, identity and access management, and managed security. Created in 2015 as a result of the Accuvant and FishNet Security merger, Optiv is a Blackstone (NYSE: BX) portfolio company that has served more than 10,000 clients of various sizes across multiple industries, offers an extensive geographic footprint, and has