



Use the App

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Suggested Investigations

- **Confirm that your system is blocking threats that the system has identified:**
 - On the Threats > Threat Summary page, filter for threats not blocked, regardless of direction.
 - On the Threats > Intrusion Events page, filter for Impact 1 threats not blocked.
- **Look for compromised internal hosts:**

Attacks initiated by internal hosts always indicate compromise.

 - On the Threats > Intrusion Events page, filter for Impact 3 threats whether or not they were blocked, then click the relevant internal hosts option in the pie chart below the timeline. Investigate the internal IP addresses in the table at the bottom of the page.
 - Then do the same for Impact 2 events.
 - On the Threats > Threat Summary page, filter for Direction originating with internal hosts, whether blocked or not, and investigate internal hosts involved, regardless of whether or not the threats were blocked.
- **Identify hosts affected by malware that entered your network before it was known to be a threat:**

Identify affected hosts using the retrospective malware events graph on the Threats > Threat Summary page.
- **Look for anomalies on your network, such as unapproved applications or nonstandard ports in use:**
 - Check the graphs on the Network page.
 - Look for activity on uncommon ports, as highlighted on the "Top Server Applications In Use with Least Seen TCP Ports" graph on the Network page.
- **Review the data for outliers – activity or parameters that are unexpectedly frequently or infrequently seen.**

- **Investigate any unexpected hosts on your network:**

Level 0 intrusion events without associated host discovery on the network could indicate the presence of a ghost network.

(Level 0 intrusion events also could indicate that your network discovery policy is not properly implemented.)

- **Look for spikes or trends in high-priority attacks over time or against key hosts (for example, servers):**

These are easiest to see in the timeline graphs on each page under the Threats menu.

Select various time ranges to see what stands out.

- **Eliminate large chunks of insignificant data so the important data stands out.**

- **Look carefully at unique events**, which may indicate highly targeted attacks.

- **Drill down on interesting items.**

As you find patterns, hosts, users, applications, ports, etc. that raise flags, drill down and filter to see what other transactions involve the relevant entities. Also right-click items to see if additional information is available.

- **As you explore, look for any other behavior that could be suspicious.** For example:

- A single URL is unexpectedly associated with multiple IP addresses and MAC addresses over time.
- A host has unexpectedly connected to 30 different endpoints in the past hour using SSH.

- **Look for events and data associated with a particular IP address:**

Use the Threats > Context Explorer page.



Note If your filter includes many IP addresses, the app may become very slow, depending on how you have your data set up.

- **See also [Intrusion Event Impact Levels](#), on page 3.**

Widget descriptions:

Most of the widgets in this app are the same as their equivalents in the Firepower Management Center. For information about these widgets, see the *Firepower Management Center Configuration Guide* for your version at <https://www.cisco.com/c/en/us/support/security/defense-center/products-installation-and-configuration-guides-list.html>.

Intrusion Event Impact Levels

Table 1:

Impact Level	Description and Suggested Actions
0	<p>Unexpected Hosts on the Network</p> <p>Neither the source nor destination host IP address is within the network as defined in the discovery policy in Firepower Management Center.</p> <p>If your discovery policy is correctly configured, Impact 0 events may indicate unauthorized devices on the network (a ghost network.)</p> <p>Click this impact level and look at the table at the bottom of the page to determine which sensor is seeing this traffic and engage your network team to locate and isolate these devices.</p>
1	<p>High Priority Intrusion Events</p> <p>The targeted host is vulnerable to the exploit.</p> <p>These events can be OS, server, or client vulnerabilities, or indications of compromise as defined by Cisco Talos.</p> <p>To see a breakdown of these events by type, see the “Impact 1 – High Priority Events” widget below, or look at the table at the bottom of the page to see a list of at-risk hosts.</p>
2	<p>Possibly Compromised Hosts</p> <p>If the exploit originates inside your network, this indicates a compromised host and you should investigate the source IP address.</p> <p>Firepower has not identified a known vulnerability on the destination host to the exploit.</p> <p>However, regardless of the source IP, you should verify that the destination host has not been compromised.</p>
3	<p>Probably Compromised Hosts</p> <p>Impact 3 events generally occur only when an internal host is the source of an exploit.</p> <p>An internally-sourced event always indicates a compromised host.</p> <p>Click the relevant widget below to display internally-sourced events in the table at the bottom of the page, then investigate the source IP addresses in that table.</p>
4	<p>Hosts Not Fully Integrated into the Network</p> <p>The host is within the expected range of IP addresses as configured in a discovery policy in Firepower Management Center, but has no host profile.</p> <p>The host may be new to your network, for example as part of an acquisition or network buildout that has not yet been properly configured.</p>

