SOLUTION BRIEF

Fortinet FortiGate App for Splunk

Threat Investigation Made Easy

The FortiGate App for Splunk combines the best security information and event management (SIEM) and threat prevention by aggregating, visualizing and analyzing hundreds of thousands of log events and data from FortiGate physical and virtual firewall appliances. The App dramatically improves the detection, response and recovery from advanced threats by providing broad security intelligence from data that is collected across the cloud.

Fortinet FortiGate App for Splunk

Every business has its specific demand and tolerance in terms of recovery and response time objectives to security events. The Fortinet FortiGate App for Splunk provides the Threat and UTM Dashboard, which offers presets and configuration to identify anomalous behavior.

FortiOS threat intelligence is built in the default App interface to quickly sort and de-duplicate threats. Instantaneous charting and pivoting on data analytics can pinpoint security breaches across multiple domains and geographic areas. Businesses can fulfill the fastest Response and Recovery Time Objectives with real-time information throughout Fortinet firewall infrastructure.

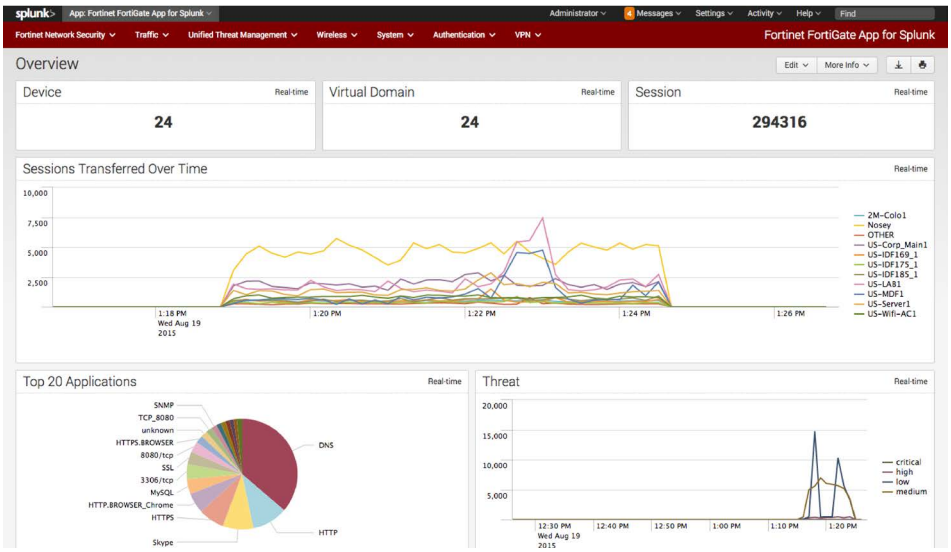


Figure 1: Fortinet FortiGate app for Splunk overview.

Benefits

- Visualizes logging data efficiently with integrated security analysis
- Makes data aggregation easier by interacting with pre-defined security metrics
- Improves protection from advanced threats with built-in Threat and UTM dashboards
- Extends datacenter security awareness with real time monitoring and trending

The App can absorb a high volume of elevated logs in real time and provide insights to examine advanced threat intent, widespread backdoor viruses, and unexpected information flows in a single pane of glass, enabling quick visualization of everything that's happening in your datacenter and cloud.

The **Fortinet FortiGate App for Splunk** solution delivers advanced advanced security reporting and analysis in the datacenter that benefits operational reporting, as well as providing simplified and configurable dashboard views across Fortinet firewall appliances, physical and virtual. It enables security analysts, administrators, and architects to correlate application and user activities across all network and security infrastructures from a real-time and historical perspective.

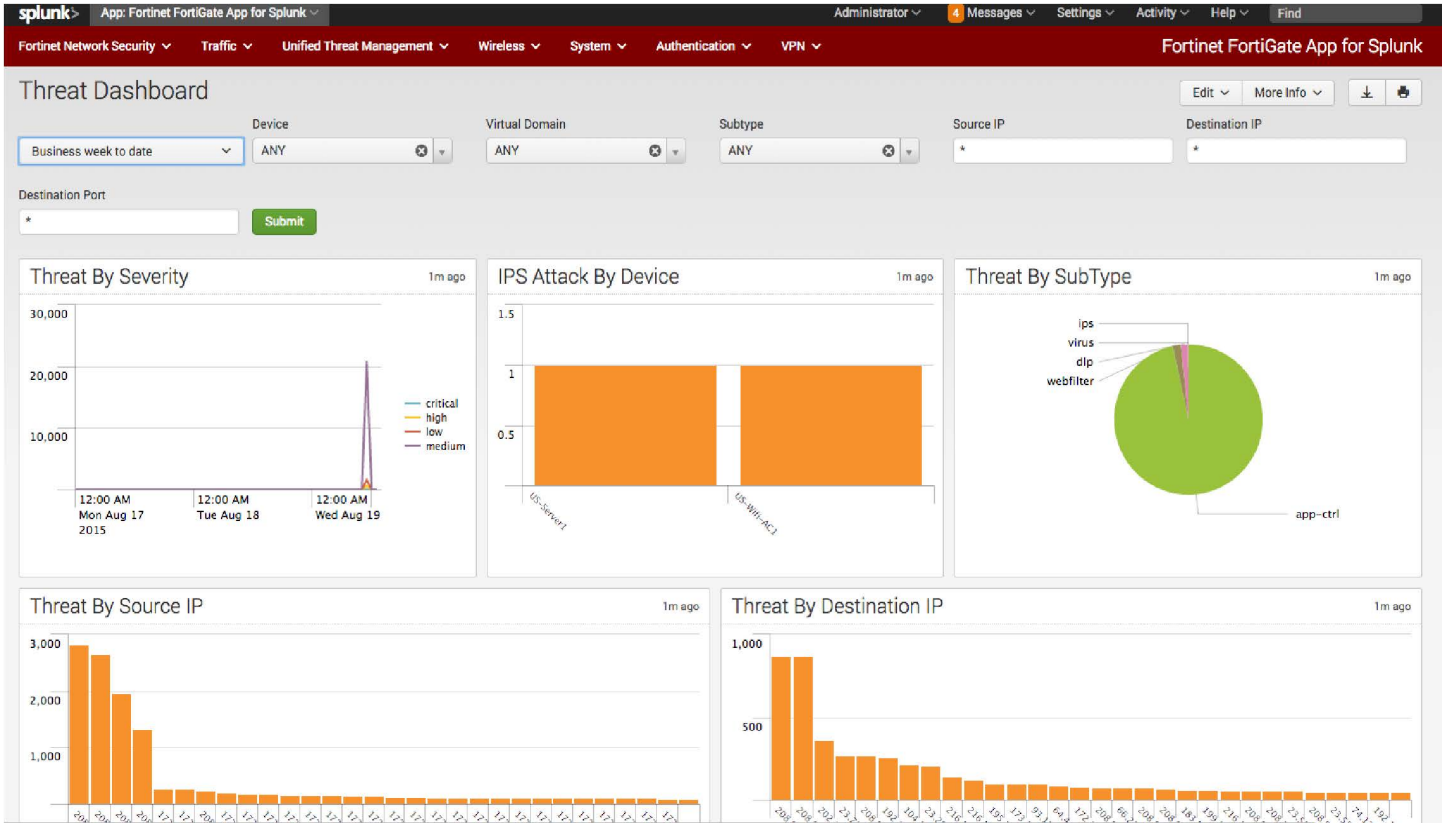


Figure 2: Fortinet FortiGate app for Splunk threat dashboard.

Security & Compliance

In the wake of high-profile data breaches, governments are looking to expand penalties for companies who are non-compliant, instead of just treating compliance mandates like PCI as a baseline for security. Security analytics are usually conducted manually and it becomes very time-consuming to drill into specific events, making the data mining process easily error-prone. Fortinet FortiGate App for Splunk is an enterprise-ready solution that effectively and efficiently inspects threats through up-leveled visualization. Less data loss means less revenue loss. This allows businesses to focus on critical investigations by responding more quickly to each data breach.

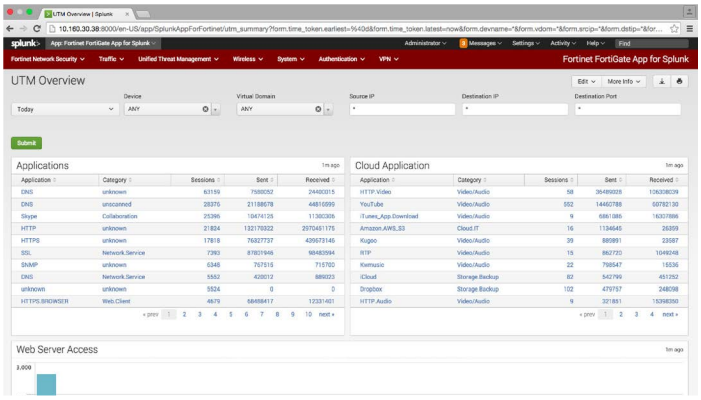


Figure 3: Built-in UTM Overview.

Seamless Integration with FortiGate Firewalls

The FortiGate App also verifies current and historical logs and administrative events including firewall, anti-virus, IPS and application control. All features are supported with Fortinet VDOM enabled, in both NAT and Transparent mode. Most common traffic protocols are supported and included over IPv4 such as:

- **TCP: telnet, http, ftp**
- **UDP: syslog, tftp**
- **ICMP: ping**

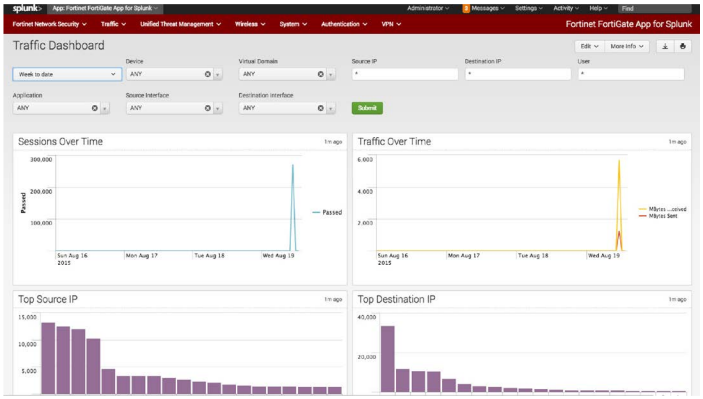


Figure 4: Traffic analysis in Fortinet FortiGate app for Splunk presets.

Compatibility List

Fortinet versions

- FortiGate appliances with FortiOS v5.0/v5.2/v5.4
- FortiGate-VM on VMware ESXi 6 with FortiOS v5.0/v5.2/v5.4

Splunk versions

Version 6.x

- Linux Enterprise version
- Windows Server 2008, 2008 R2, 2012 and 2012 R2, Windows 7, and 8 and 8.1

Fortinet FortiGate Add-On for Splunk

In addition to the direct Fortinet FortiGate App for Splunk listed in Splunkbase https://splunkbase.splunk.com/app/2800/, Fortinet has also developed the Fortinet FortiGate Add-On for Splunk, the technical add-on (TA) can be added into solutions such as Splunk App for Enterprise Security.

The FortiGate add-on enables Splunk Enterprise and Enterprise Security to ingest or map security and traffic data collected from FortiGate physical and virtual appliances across domains. Key features include:

- Streamlining authentication and access from FortiGate, such as administrator login, user login, and VPN termination authentication into Splunk Enterprise Security Access Center.
- Mapping FortiGate malware reporting into Splunk Enterprise Security Endpoint Malware Center.
- Ingesting traffic logs, IPS logs, system configuration logs and Web filtering data, etc.

Fortinet FortiGate Add-On for Splunk provides common information model (CIM) knowledge, advanced “saved search”, indexers and macros to use with Splunk App for Enterprise Security.

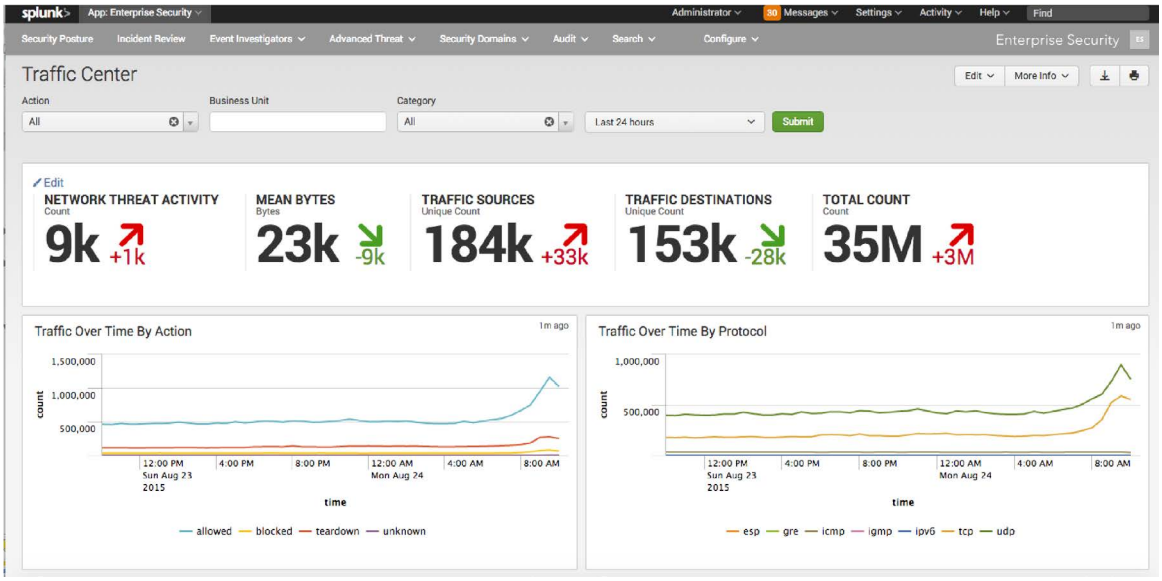
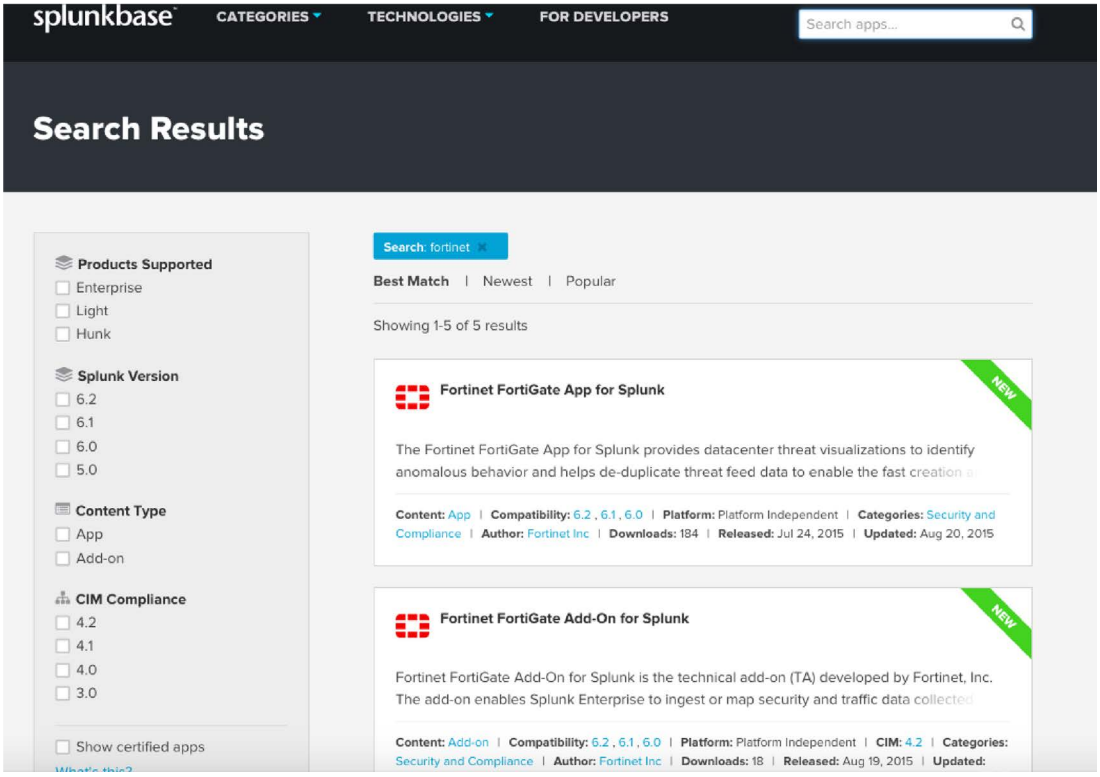


Figure 5: Fortinet FortiGate Add-On for Splunk Overview.



June 20, 2019 2:27 AM

429125-A-0-EN

D:\Fortinet\Solution Brief\FA\GREY Solution Briefs\FA - Fortinet Splunk\FA - Fortinet Splunk