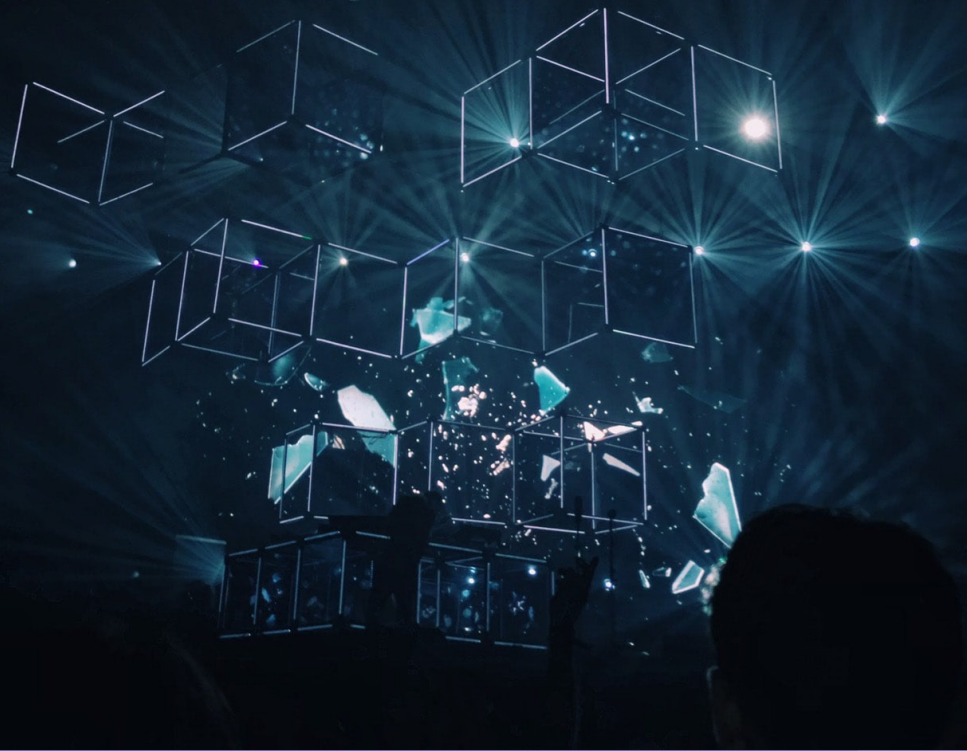


Case Study

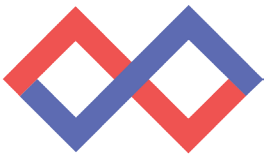
A Splunk Expert Tries Gravwell



We frequently have discussions with prospective customers about the differences between Gravwell and Splunk. A common theme of those questions is "How easy is it for a Splunk expert to get spun up and fully integrated using Gravwell?" In this case study, we'll hear about one of our new integration service partner's first experiences with Gravwell. The following is a "mock customer" use case put together over the course of a single day as they experimented with setting up a customer in Gravwell.



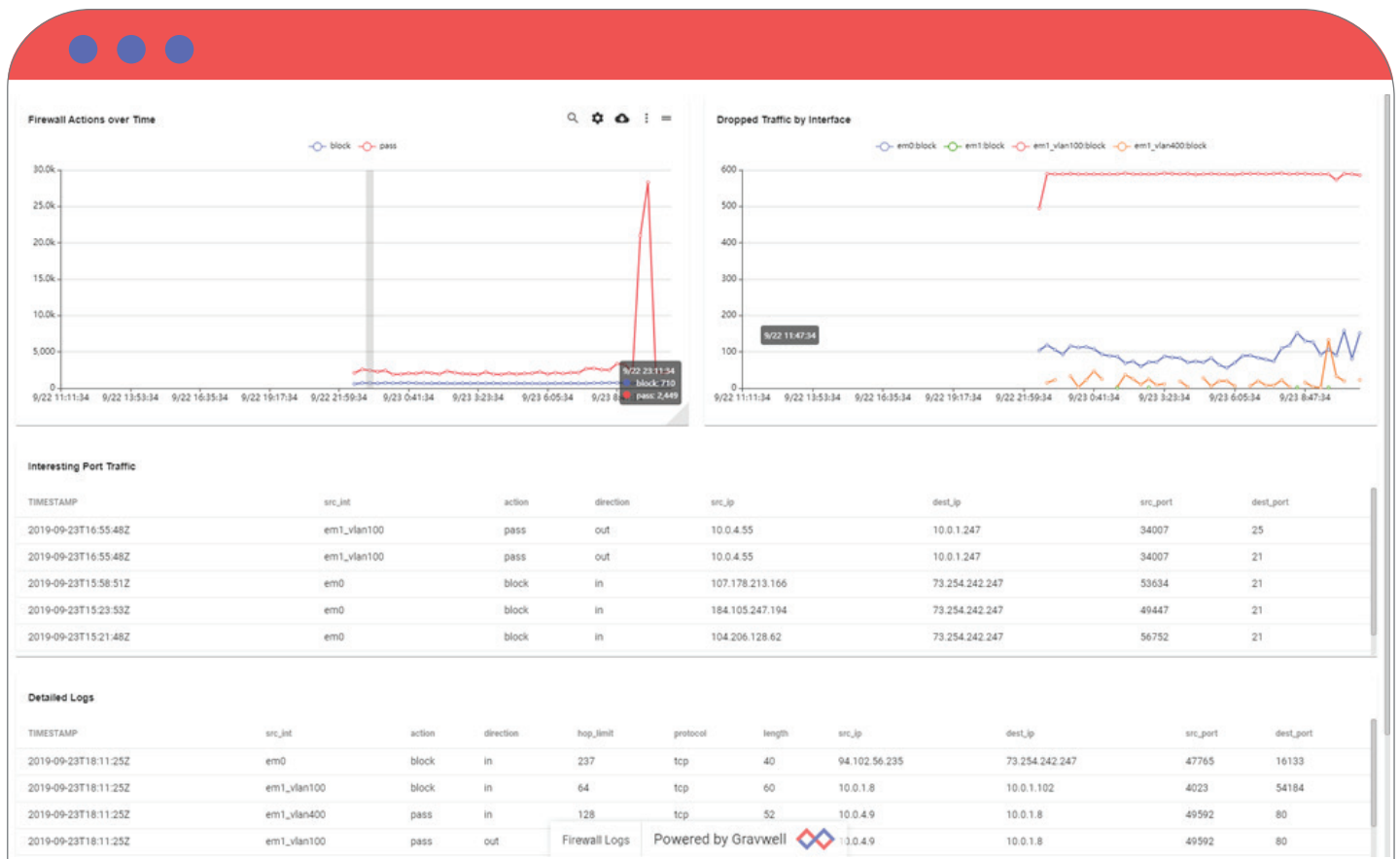
Gravwell



• Firewall Activity

This dashboard provides a general overview into the firewall's activities:

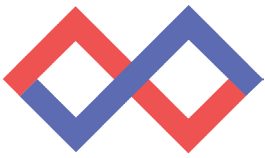
- The rate of traffic passes versus drops.
- Which interfaces are dropping the most traffic.
- The types of "interesting" traffic seen crossing or attempting to cross through the firewall.



The "Interesting Port Traffic" panel can easily be set to alert the firewall administrator.

• Software Inventory

This dashboard helps address the customer's problem with undesirable software installations on their systems. It also helps provide a detailed view into all packages installed across all systems. There is also the possibility for the customer to rely on a lookup table to identify all undesired software (this demo simply looks at "Telnet").



Additional Technical Info & Considerations

File followers were deployed to each server; tagging setup and file following was implemented as appropriate. In addition, the firewall was configured to ship netflow v5 data to the Gravwell instance's IP.

For the demo's purposes, all data was fed into the default well. In a real environment, they would likely use a different well for netflow for better control over age-out and retention policies. They would also want to consider the use of a packet capture instead of netflow for root-cause analysis on a shorter retention -- however for this scenario, they wanted to be able to deploy Gravwell and address the sample problems without requiring the customer to make any network changes.

They created an auto-extractor for the opnsense firewall logs and added a grokfile as a resource (using <https://raw.githubusercontent.com/gravwell/resources/master/grok/all.grok>). They relied fairly heavily on the grokfile as a quick way to parse out apache logs. With more time, they would explore making these searches more efficient by only looking at the specific fields needed from the apache logs.

Suspicious Software Installs		Package Installs by Host	
src	package_name	src	count
10.0.1.247	telnet	10.0.1.239	647
10.0.1.239	telnet	10.0.1.247	2

All Software installed (Last 7 Days)
package_name
base-passwd
base-files
dpkg
libc6
perl-base
mawk
debconf
lsb-base
libaudit-common
libsemanage-common
ncurses-base
sensible-utils
gcc-9-base
libudev1

Conclusion

We at Gravwell are excited to be expanding our partner network. We have been happy to see that Splunk experts can easily pick up Gravwell and go from zero to value in a very, very short amount of time. Getting Gravwell spun up is so much easier than the other tools on the market thanks to our tech stack and our amazing engineering team.

If you're not a Splunk expert, we have a wonderful Customer Success team that's ready to get you up and running in no time.

If you're experiencing any of the Splunk pain that so many others are feeling, give Gravwell a spin and see the power of data analytics re-thought for the age when every company is a data company.