Introduction to Splunk Infrastructure Monitoring

About Splunk Infrastructure Monitoring

Splunk Infrastructure Monitoring addresses the monitoring of the lower parts of service stack. This includes elements such as servers, databases, container systems, app servers, or storage.

Monitoring these systems is critical to ensuring the applications that sit on top of them are available and performing well. An error in any one component can potentially negatively impact users. For example, if a server is running out of available memory, an end user trying to make a purchase on a web store that sits on top of that server could experience delays in response time.

These types of issues must be resolved quickly. The time it takes to detect and repair an issue is called Mean-Time-to-Repair (MTTR). A key goal of an organization's support team is to reduce the MTTR to such a level that the user's impact is minimized or possibly avoided to begin with.

When an issue is detected with Splunk Infrastructure Monitoring, it triggers the incident management lifecycle. In addition to detecting an issue, Splunk Infrastructure Monitoring is also used in the investigation step of the incident management cycle. Splunk Infrastructure Monitoring may be a single part of a set of investigation tools used depending on the issue - for example, Splunk Log Observer and Splunk ITSI could also be used.

The incident management lifecycle

The information provided in Splunk Lantern is intended for informational and educational purposes only. All information is provided in good faith, however, Splunk disclaims any and all representations and warranties, express and implied, regarding the information provided, including without limitation any warranties and representations regarding the completeness, adequacy or accuracy of the information. You agree to take full responsibility for the results arising from the use of the information provided.
Next steps

Ready to begin? To get started, select the next step that applies to you:

- [Do you need to get data in? Start at Step 1 - Get data in](#)
- [Already have data coming in? Jump to Step 2 - Implement Kubernetes monitoring use case](#)