Splunk and Instana: Better Together

With applications front-and-center of many enterprises' digital transformation, thousands of Splunk customers around the globe use Splunk to collect, index and analyze their machine data so they can prevent application failures and troubleshoot problems quickly when they occur. Many of those same Splunk customers are also using Instana to provide in-depth code-level visibility into applications. Combined, the integration of Splunk and Instana provides a COMPLETE view of how your applications are performing and enables you to take a platform approach to application management.

The Splunk App for Instana provides predefined visualizations of Instana data and leverages Splunk's built-in machine learning algorithms to predict future values of metrics. This in turn enables you to forecast potential problems ***BEFORE*** they occur. APM is a great source of data for your IT Troubleshooting and Monitoring needs and this integration will enable you to elevate your AI Ops capability thru machine learning and easy correlation of your APM data with all other data sources ingested in Splunk.

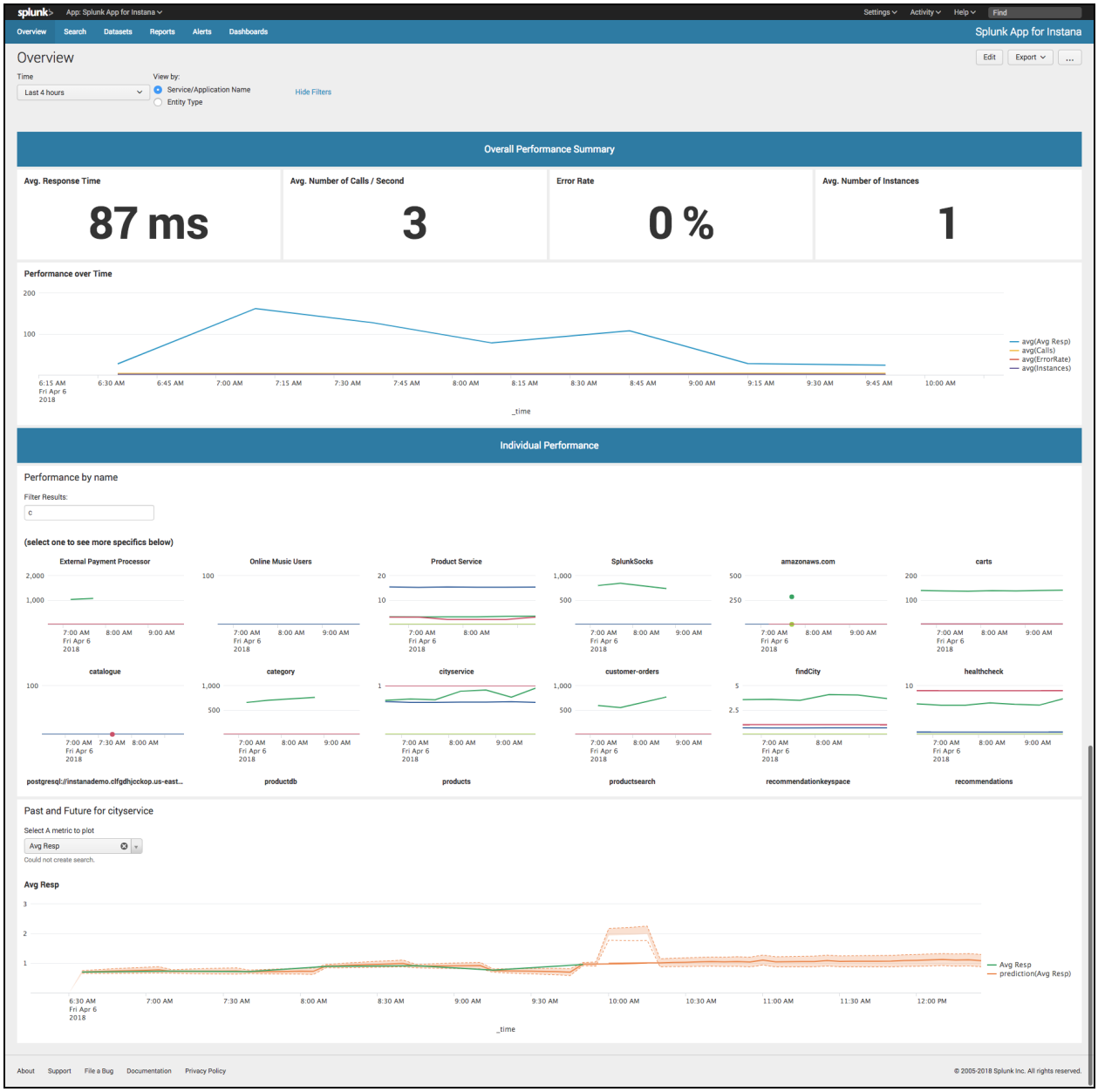
The Splunk Add-On for Instana is also preconfigured for use with Splunk IT Service Intelligence (ITSI). Splunk ITSI provides end-to-end visibility into the operational health of critical IT and business services to simplify operations, prioritize problem resolution and enable analytics-driven IT. The Splunk Add-On for Instana provides out-of-the-box APM KPIs in Splunk ITSI providing even easier ways for your organization to leverage AI Ops in your everyday world.

Overview

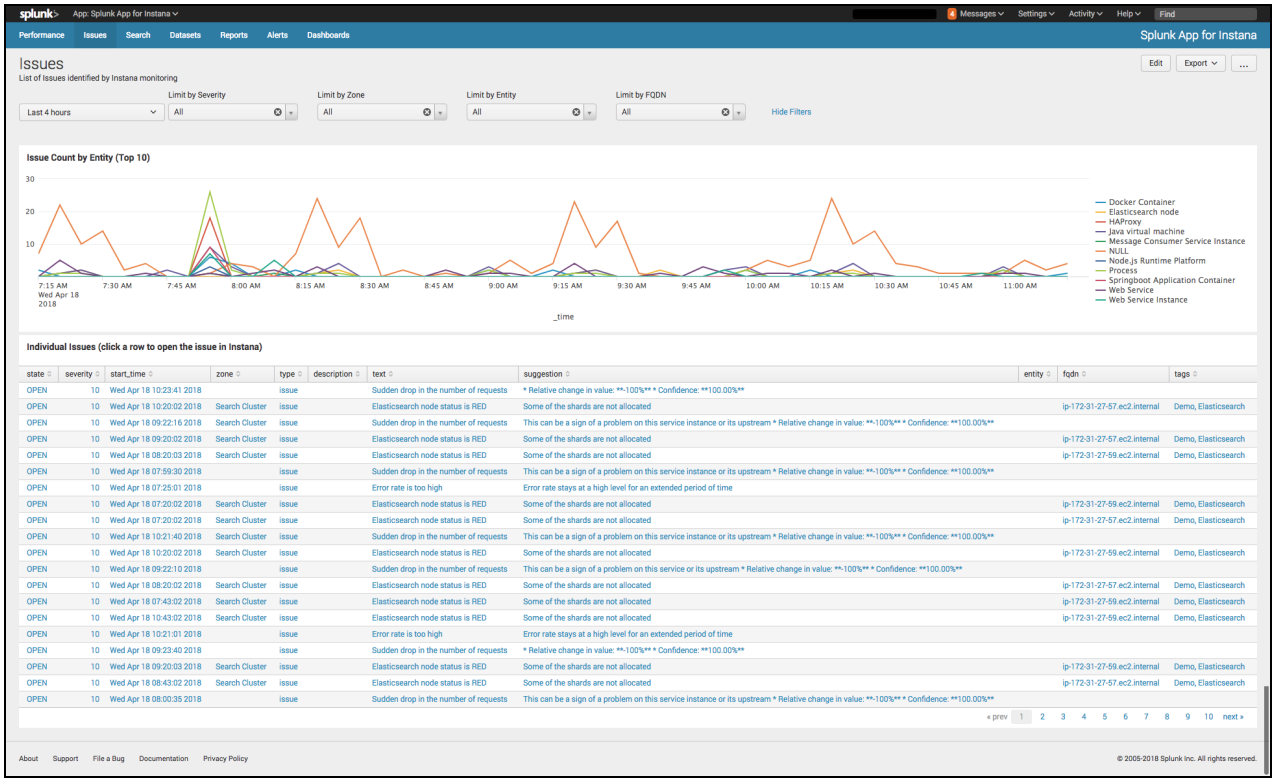
The Splunk Add-on for Instana uses Instana's REST APIs to gather data from the applications and services you are monitoring. This data can then be combined with all your other machine data in Splunk (wire data, log data, server data, security data and other infrastructure sources) to provide a complete picture of your applications' performance. In today's ever-changing, complex world of microservices and containerization this is even more critical to the success of your digital transformation.

Installation is quite simple. Install the Add-on, supply your Instana API Key and an Instana filter you already use and you will have Service, Application, End User and Entity metrics flowing into Splunk. Add an Instana webhook and you can also have Instana forward Issues to Splunk in real time. The integration is straightforward and you can be up and running in minutes correlating your Instana data with all of your other machine data already collected in Splunk.

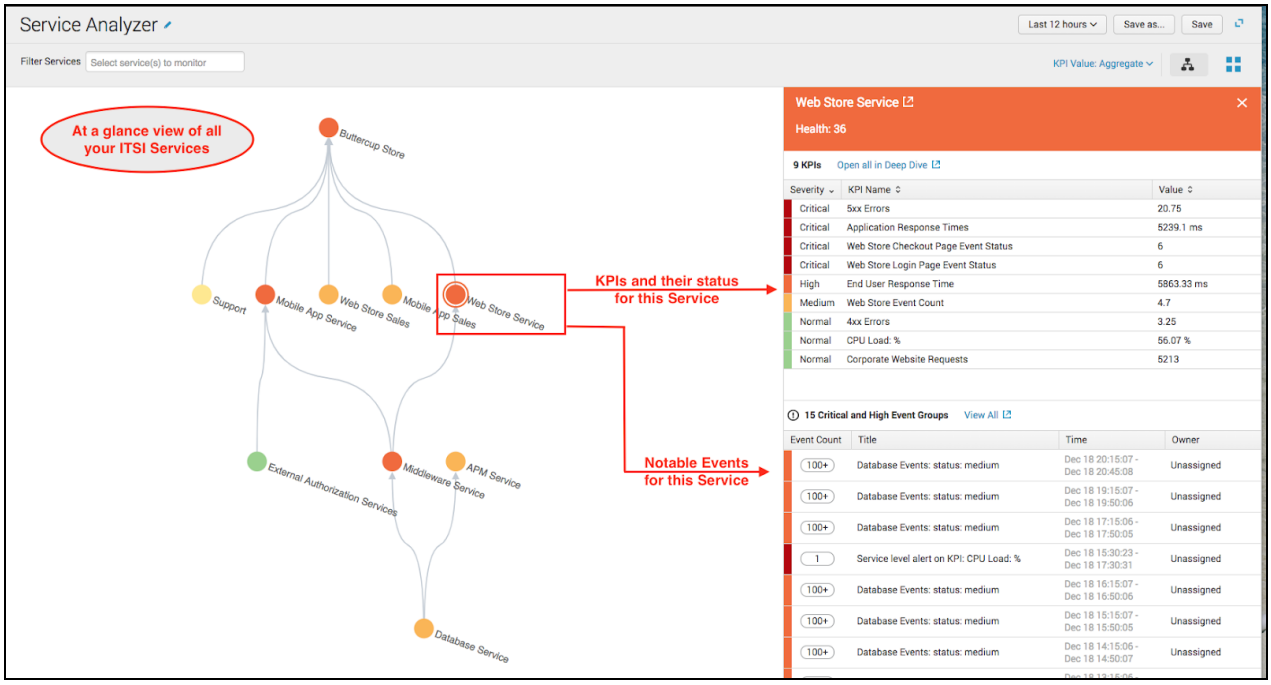
Performance Overview: This dashboard provides an overall view of performance across your entire Instana environment. It also shows individual performance histories and projections for each individual application, service and entity below. Alerts can be created from any of the charts including the predicted values which can be used to provide advance notice of potential problems.



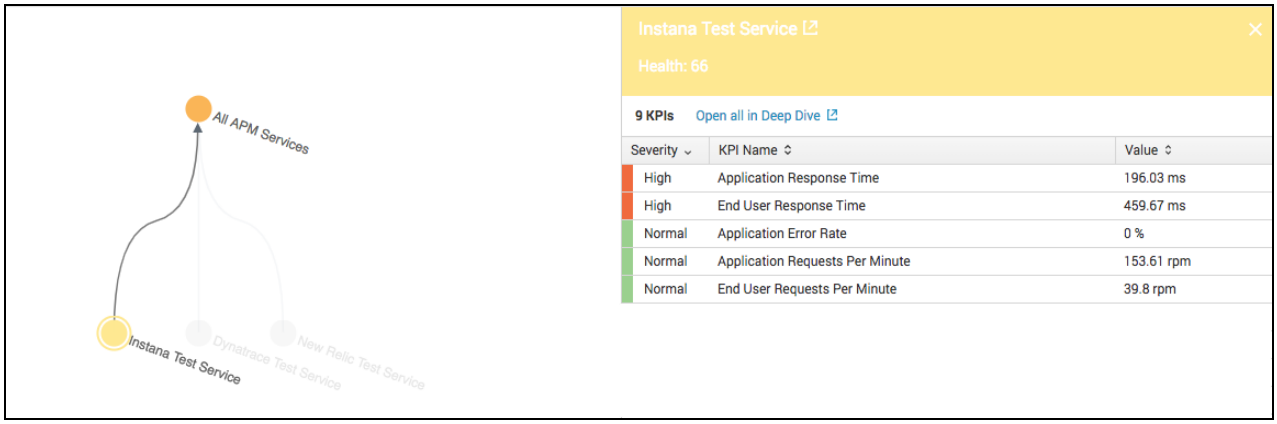
Instana Issues are immediately forwarded to Splunk and can be visualized over time to provide an easy way for you to see your most common issues and take action. The detail table below provides more details on each issue as well as in-context link directly back into the Instana.



Splunk IT Service Intelligence provides the ability to apply predefined KPIs to any service and gain instant visibility to service level impacts and dependencies across your IT ecosystem.



The Splunk Add-On for Instana provides a number of predefined KPIs for your to quickly add to your service definitions. these KPIs are automatically calculated, tracked and monitored over time.



This integration also provides the ability to normalize data coming from multiple APM tools. In some cases, organizations find themselves using different APM tools across their enterprise. Splunk ITSI provides the ability to normalize that data and provide a consistent set of performance measures and an overall measure of service health and availability.