Monitoring web application performance

You can search and measure many aspects of applications and their supporting middleware. These use cases show how to gain visibility of your application health and improve the customer experience by monitoring availability, performance, and usage of applications.

Data required

Application server data

To complete these processes, your deployment needs to ingest normalized data, populating the Web data model in the Common Information Model (CIM). For information on installing and using the CIM, see the Common Information Model documentation.

How to use Splunk software for this use case

Depending on what information you have available, you might find it useful to identify some or all of the following:

- Application error tracking
- Most used assets of a web application

Next steps

After you run these searches, you can triage applications in your environment, leverage proactive and predictive monitoring to trend past performance, and make prediction about application response times, error rates, and other important metrics. You can use web access logs to see which web assets are used the most and gain valuable insights about page access.

These additional Splunk resources might help you understand and implement this use case:

- Conf Talk: Five new Splunk features every DevOps / SRE needs to incorporate in 2021
- Conf Talk: Addressing customer issues with Splunk
- Blog: Decoding IIS logs
- Blog: Launching websites rapidly, without compromise

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