

n. Set up or used continuous monitoring

Continuous monitoring is an importance aspect of ensuring high performance and availability for our application. BE usually attempts to utilize the monitoring tools and technologies available from our customers for the efficient and integrated management experiences when possible. Given this application is a prototype and deployed in an isolated environment we opted to use the robust capabilities of AWS.

Specifically, we utilized AWS CloudWatch to provide continuous monitoring of our prototype environment. The CloudWatch service monitors EC2 & Elastic Beanstalk resources and applications in real-time including a log collection service that tracks system and program logs that can be used to identify application errors and security issues. Monitoring rules were set to push notifications to the team based on a custom ruleset.

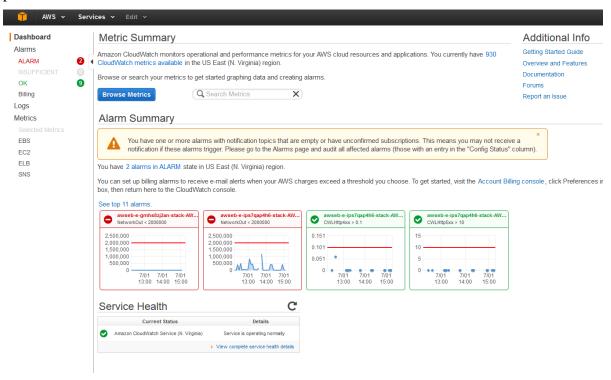


Figure 1. AWS Alarms

Request for Quotation (RFQ) 4QTFHS150004 Approach Criteria Evidence



Figure 2. AWS Alarm details

Before moving a prototype application to production, BE would work with the DevOps/Operations team to determine the most appropriate way to monitor the application to include performance and security.



Alarms

Alarms were set up for each of the basic monitoring settings. Thresholds were configured for each setting, and if the threshold was breached, an email would be sent to the dev team describing which alarm had been activated.

Below we have an example of the Latency Alarm being activated and displayed to the team.

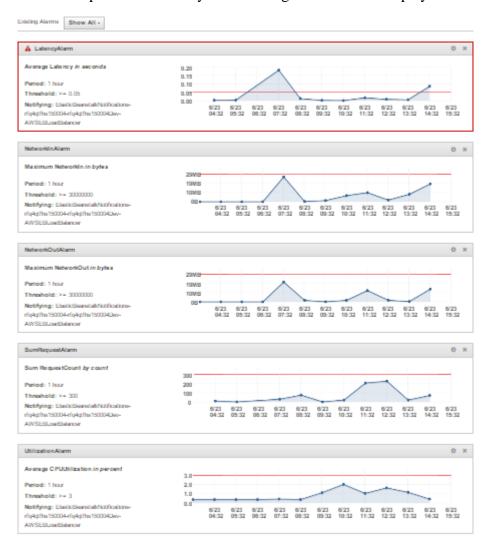


Figure 3. Latency Alarm Activation