Nutanix Epoch: Observability and Monitoring for AWS Applications

Instant Observability

Smart KPIs

Rapid Outage Response

Businesses are increasingly adopting distributed application architectures across Amazon Web Services (AWS) environments. This shift is exploding the number of service dependencies and application health metrics that need to be collected from short-lived instances. Also, given the variety of languages and frameworks used, application operations teams find it hard to standardize on a single monitoring tool to ensure uptime. As a result, troubleshooting is difficult, leading to prolonged outages.

There is a pressing need for an application monitoring service that provides visibility into service interactions and health metrics without relying on code instrumentation. Real-time, auto-discovered service dependency maps and golden signals for application health can greatly reduce the mean time-to-resolution and, most importantly, significantly improve application uptime and resilience.

Organizations with AWS applications need to:

- See clearly the interactions and dependencies between key application components
- Monitor the health of business-critical services and receive alerts on issues that impact end consumers
- Build more resilient applications and reduce the mean time-to-resolution for application issues
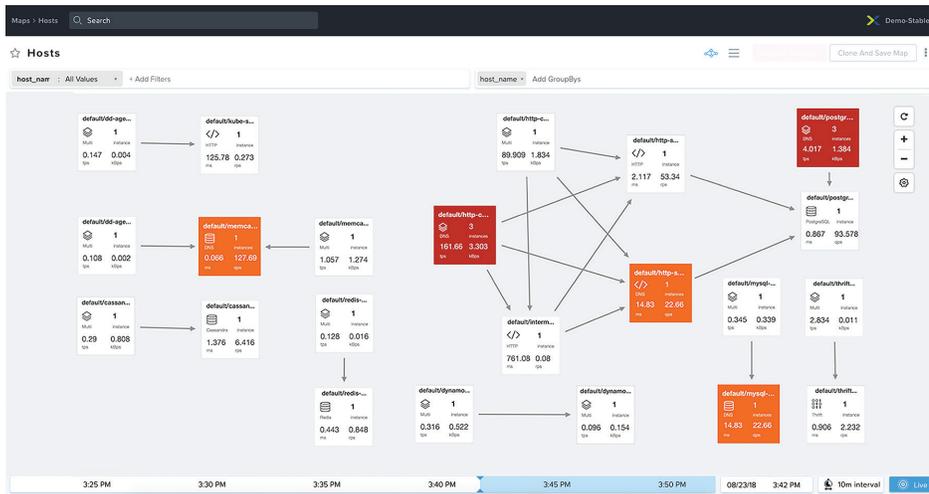
THE NUTANIX EPOCH SERVICE

Epoch is the observability and monitoring service delivered by Nutanix to help organizations increase the reliability and uptime of their AWS applications.

- **Instant Observability**: Epoch is a low-friction, framework-agnostic monitoring service that generates live application maps of the interactions among various components in distributed architectures. Get instantaneous visibility into your application health without any code instrumentation.

- **Smart KPIs**: Epoch delivers out-of-the-box alerting for "golden signals" of application health, such as latency, error rates, throughput, and more. Application operations teams get powerful insights into key performance indicators (KPIs) that impact the end-user experience and are able to set up alerts based on service-level objectives.

- **Rapid Outage Response**: Epoch empowers monitoring teams with a robust analytics engine that renders millions of data points in real-time and accelerates outage investigation. Application operations teams can test failure hypotheses quickly, leading to increased application uptime.

NUTANIX™

EPOCH: COMPLETE VISIBILITY INTO AWS APPLICATION HEALTH

Epoch empowers organizations with visibility into application health with auto-generated application maps and key metrics that help increase application reliability and uptime.

With Nutanix Epoch, enterprises can monitor the health of their critical applications, set up alerts on service-level objectives, and accelerate troubleshooting when issues arise. As a result, Epoch helps improve the overall health and uptime of their cloud applications.

An increasing number of business-critical applications now live on AWS. Nutanix Epoch gives you the single pane of glass you need to monitor your applications' health and keep your customers happy.

"Services like Nutanix Epoch provide our Engineers both a magnified and an aerial view of the infrastructure. Epoch can be set up in a matter of minutes and immediately we had complete visibility of the entire complex topology of our infrastructure. It provides continuous visibility that is paramount to improving the performance of our applications."

- Chetan Conikee, CTO at ShiftLeft

Learn More about Nutanix Epoch and Start a free trial at nutanix.com/epoch

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