OpsRamp

a Hewlett Packard Enterprise company

OpsRamp Cloud and Cloud-Native Observability

Overview

The Cloud and Cloud-Native Observability solution within OpsRamp, a Hewlett Packard Enterprise company, is designed to provide organizations with deep visibility and actionable insights into their hybrid cloud and cloud-native environments. By leveraging a comprehensive set of powerful monitoring and observability capabilities, OpsRamp enables ITOps and DevOps teams to ensure the reliability, performance, and security of their business-critical services, applications and infrastructure.

Key Features

Multi-Cloud Monitoring: Gain real-time visibility into your multi-cloud environments, including AWS, Azure, Google Cloud, and more. Monitor resource utilization, performance metrics and cost management across all major cloud providers from a single dashboard.

Cloud-Native Support: OpsRamp is tailored to support cloud-native technologies such as Kubernetes, Docker, and serverless architectures, providing deep insights into containerized applications and microservices.

Log Aggregation, Analysis and Management: The platform offers centralized log management, allowing organizations to collect, store, and analyze log data from cloud services, applications, and infrastructure components, facilitating troubleshooting and compliance efforts. Correlate logs with performance metrics to detect anomalies more effectively and efficiently.

Comprehensive Metrics Monitoring: Monitor CPU, memory, network, and storage metrics to ensure optimal resource utilization. Set custom thresholds and alerts for proactive issue detection and resolution.

Distributed Tracing: Utilizing distributed tracing, OpsRamp enables end-to-end visibility into complex, microservices-based architectures, helping organizations identify latency bottlenecks and optimize application performance.

Alerting and Notification: Configure alerts based on predefined conditions or custom rules. Receive real-time notifications via email, SMS, or integration with popular collaboration tools such as Slack.

Cloud Cost Management: Track cloud spending and resource usage to prevent cost overruns. Analyze cost trends and identify opportunities for optimization.

Container Observability: Monitor containerized applications and Kubernetes clusters. Visualize resource usage, auto-scaling events, and pod-level performance.

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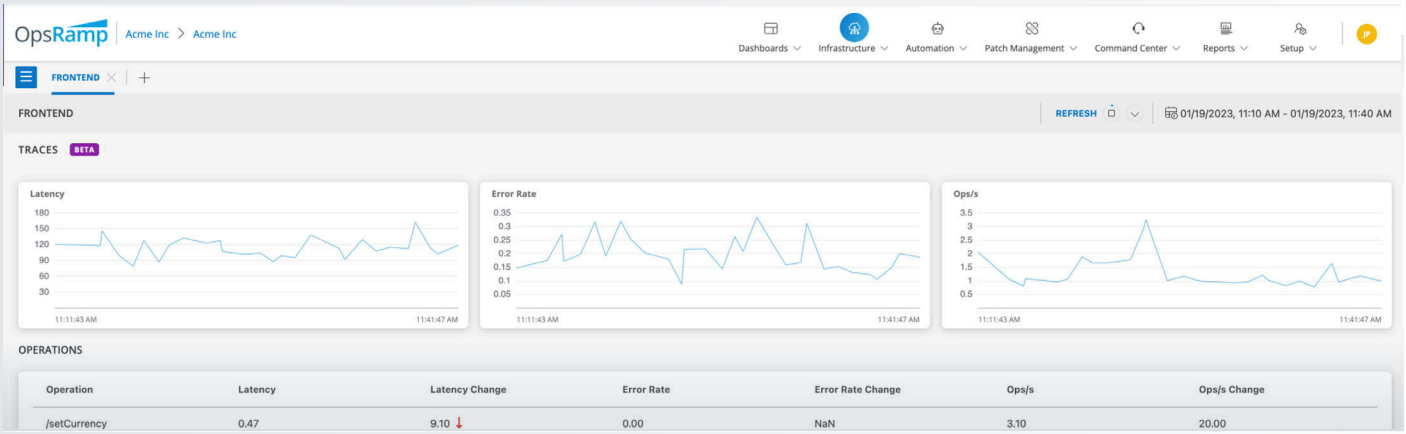

Solution Benefits

- **Enhanced Reliability:** Identify and resolve issues proactively to maintain high service reliability.
- **Optimized Performance:** Improve resource allocation and application performance for an improved user experience.
- **Increased Security:** Detect and respond to security threats and unusual behavior effectively.
- **Reduced Downtime:** Minimize service disruptions and ensure business continuity.
- **Simplified Management:** Consolidate cloud and cloud-native observability into OpsRamp's single, unified platform for ease of management and control.

Key Personas & Use Cases:

- Cloud Operations
- DevOps
- Site Reliability Engineering (SRE)
- Application Development
- IT Operations

Compatibility

OpsRamp's Cloud and Cloud-Native Observability solution is compatible with a wide range of cloud providers and container orchestration platforms. Over 2,500 integrations are supported out-of-the-box and custom integrations can be developed via OpsRamp's API-first architecture. For a complete list of supported integrations, please visit: opsramp.com/integrations.

Conclusion

OpsRamp's Cloud and Cloud-Native Observability empowers organizations to navigate the complex landscape of modern IT environments with confidence. By providing deep visibility, powerful analytics, and proactive alerting, OpsRamp ensures the reliability, performance, and security of cloud and cloud-native applications and infrastructure, ultimately enabling your business to survive and thrive in the digital age.

For more on how OpsRamp can help you expand and differentiate your service offerings while simultaneously improving efficiencies and performance, reach out to info@opsramp.com or explore our solution at OpsRamp.com.