



Application Monitoring Tools

Monitoring tools play a crucial role in DevOps environment by providing real-time visibility into the performance, availability, and health of an application or infrastructure. They also aid in alerting and contribute to faster problem resolution, ultimately enhancing overall system stability.

Key Highlights

■ Scalability and Flexibility:

Application monitoring tools are designed to accommodate growing workloads and typically support multiple platforms, languages, and technology stacks.

■ Custom Dashboards:

Customizable dashboards enable you to visualize data in ways that are most meaningful for your team. You can create dashboards tailored to specific roles or areas of concern.

■ Alerting Rules:

Flexible alerting rules let you define custom thresholds and conditions for alert notifications. This adaptability ensures that you can be alerted to issues that matter most to your application's reliability and performance.

■ Integration Capabilities:

Application monitoring tools can integrate with other DevOps tools and services, such as version control, CI/CD pipelines, and incident management systems.

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Challenge

Environments without monitoring tools is difficult to identify the performance bottlenecks and errors in infrastructure and application side.

Solution

Adoption of New Relic makes easy to identify and rectify the errors.

Impact

Improved Application Performance, Faster Issue Resolution and Cost Optimization

Challenge

In complex cloud or on-premises environments without monitoring tools, identifying and addressing performance bottlenecks, slow transactions, and resource constraints is challenging. When issues arise, like application crashes or errors, extended downtime can be expected due to manual detection and resolution process. This can result in poor application performance, leading to frustrated users and potential business losses. To address these issues, the adoption of monitoring tools can have a transformative impact.

NuSolution

- NuWare is using New Relic as both an application monitoring and log monitoring tool for their integration, staging, and production environments.
- Provides deep visibility into your application's performance, helping you identify bottlenecks, slow transactions, and errors.
- New Relic Infrastructure allows you to monitor the health and performance of your servers, containers, and cloud services.
- Created the alert conditions based on the requirements.

Impact

Using New Relic as an monitoring tool NuWare was able to help the end users, clients, and also the internal team members to monitor the application, infrastructure and allows you to centralize and analyze log data. By enabling the synthetic monitoring you can proactively monitor the availability and performance of your web applications and APIs from multiple geographic locations and also helps to detect and address issues before they impact users, helps to identify and diagnose errors.