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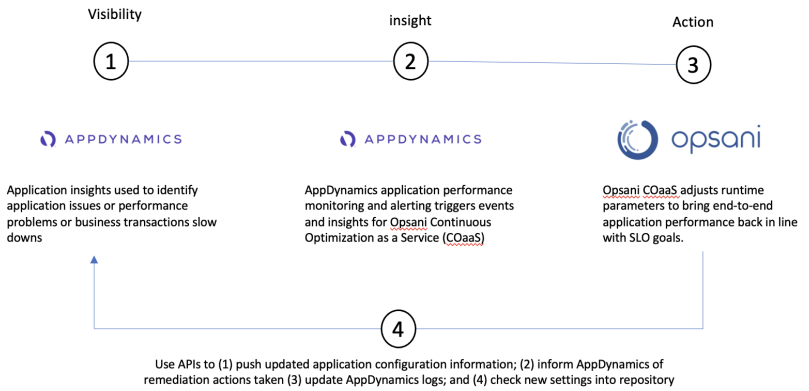
Autonomous Application Performance Management

opsani
(Action)

Opsani autonomously remediates system misconfiguration in real-time by consuming AppDynamics APM metrics to increase application reliability, enhance services performance, and lower operational costs.

Autonomous Application Performance Management

Opsani autonomously remediates system performance challenges in real-time thanks to AppDynamics APM metrics. The solution mitigates business risk associated with poor end-user experience, application performance, and cost overruns all without human intervention.



APPDYNAMICS AND OPSANI

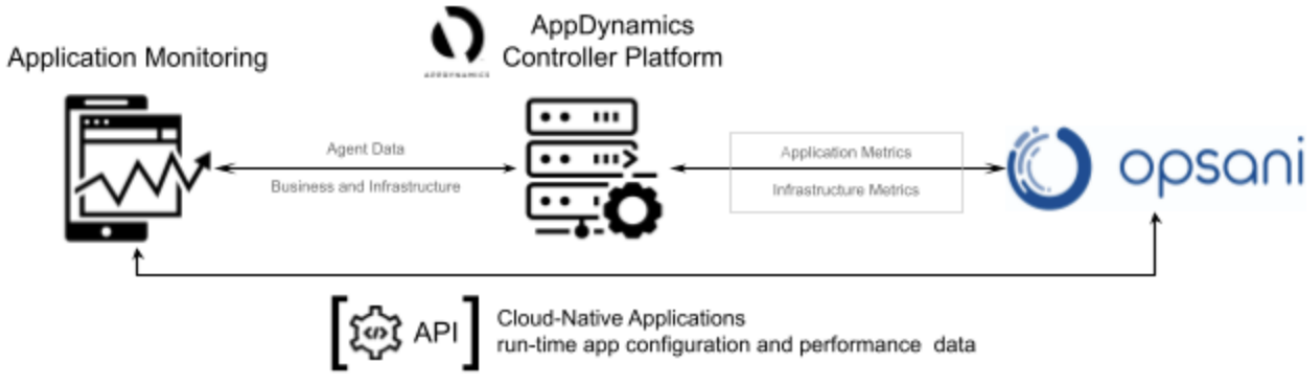
- **Extend APM into Cloud-Native Workloads** - Extend APM into cloud-native workloads. Optimize containers.
- **Manage Application Performance Autonomously** - automate with machine learning and offload developers
- **Lower Business Risk** - Deliver a better user experience at a lower cost.

The Architecture

Integrating with your existing AppDynamnics service, Opsani subscribes to AppDynamics analytics to listen for events. Opsani is a cloud service that relies on Servo, an open source container that co-resides with the application to collects metrics and modify application runtime parameters. Based on your SLO targets, the Opsani ML engine triggers autonomous remediation actions, and alerts you of configuration changes and improved performance results.

AppDynamics Business and Full-Stack Observability Fit

Opsani leverages AppDynamics application topology data to discover apps, identify SLO targets, and pinpoint the metrics needed to ensure the delivery of those SLOs. Based on AppDynamics inputs, Opsani autonomously right-sizes and tunes applications and instance count to provide the desired performance, reliability, and costs. AppDynamics leverages Opsani actions to provide richer remediation context to operators, showing the various states of optimization and, where appropriate, seeking user approval to trigger corrective actions.



Use APIs to (1) push updated application configuration information; (2) inform AppDynamics of remediation actions taken (3) update AppDynamics logs; and (4) check new settings into repository

Mitigate Business Risks

Cloud computing - deploying workloads on infrastructure managed and controlled by a third-party - and cloud-native development - continuous development, integration, and complex microservices architecture - complexify application performance tuning and optimization to the point beyond human capabilities. Opsani's ML capabilities enable you to observe application behavior changes and autonomously scales applications horizontally and vertically in real-time to deliver the best customer experience with increased performance, better reliability, and reduced operational costs.

Want to find out more?

Learn more about how AppDynamics and Opsani enable you to autonomously manage application performance.

https://www.opsani.com/AppDynamics

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