



# Magic Quadrant for Application Performance Monitoring and Observability

Gartner.

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APM and observability tools are powerful analytics platforms that ingest multiple telemetry feeds and provide critical insight into application health, performance and increasingly, security. I&O leaders can use this research to explore the many, diverse options and overcome choice paralysis.

### Market Definition/Description

Gartner's view is focused on transformational technologies or approaches delivering on the future needs of end users. It is not focused on the market as it is today.

Gartner defines the application performance monitoring (APM) and observability market as software that enables the observation and analysis of application health, performance and user experience. The targeted roles are IT operations, site reliability engineers, cloud and platform teams, application developers, and product owners. These solutions may be offered for self-hosted deployment, as a vendor-managed hosted environment, or via SaaS.

The capabilities of APM and observability tools include:

- Observation of an application's complete transactional behavior
- Automated discovery and mapping of an application and its infrastructure components (including cloud services)

We believe observability and security are essential components of successful transformation strategies.

But innovating, operating efficiently, and enabling flawless and secure digital interactions in today's complex multi clouds takes more than just data on glass. Teams need causal AI-powered answers and intelligent automation from data.

Download the complimentary report to explore:

- The trends driving the APM and Observability market.
- The latest Gartner evaluation criteria.
- An analysis of APM and Observability vendors