# Application Monitoring

AppDynamics Application Performance Monitoring (APM), a component of the AppDynamics platform, provides end-to-end visibility into the performance of your applications.

AppDynamics works with popular programming languages such as Java, .NET, Node.js, PHP, Python, C/C++, and more, enabling you to:

- Troubleshoot problems such as slow response times and application errors.
- Automatically discover application topology and how components in the application environment work together to fulfill key business transactions for its users.
- Measure end-to-end business transaction performance, along with the health of individual application and infrastructure nodes.
- Receive alerts based on custom or built-in health rules, including rules against dynamic performance baselines that alert you to issues in the context of business transactions.
- Analyze your applications at the code execution level using snapshots.

## Agent Installation
- Install the Java Agent
- Install the .NET Agent for Windows
- Install the Node.js Agent
- Install the Python Agent

## Configuration
- Transaction Detection Rules
- Backend Detection Rules
- Error Detection
- Data Collectors

## Monitoring Applications
- Business Transactions
- Transaction Snapshots
- Tiers and Nodes
- Troubleshooting Applications

## Concepts
- Overview of Application Monitoring
- Organize Business Transactions
- Flow Maps
- Remote Services