

Day - 1

- **Introduction and Overview of NewRelic**

- What is Application Performance Management?
- Understanding a need of APM
- Understanding transaction traces
- What is Application Performance?
- APM Benefits
- APM Selection Criteria
- Why NewRelic is best for APM?
- What is NewRelic APM?
- How does NewRelic APM work?
- NewRelic Architecture
- NewRelic Terminology

- **Installing and Configuring NewRelic APM Agents for Application**

- Register a Newrelic Trial account
- Installing a JAVA Agent to Monitor your Java Application
- Installing a PHP Agent to Monitor your PHP Application
- Installing New Relic Agent for .NET Framework Application
- Installing a Docker based Agent to monitor your Docker based Application
- Understanding of NewRelic Configuration settings of newrelic.yml
- Understanding of NewRelic Agent Configuration settings

- **Working with NewRelic Dashboard**

- Understanding a transactions
- Understanding Apdex and Calculating and Setting Apdex Threshold
- Understanding Circuit break
- Understanding Throughput
- Newrelic default graphs
- Understanding and Configuring Service Maps
- Understanding and Configuring JVM
- Understanding Error Analytics
- Understanding Violations
- Understanding and Configuring Deployments
- Understanding and Configuring Thread Profiler
- Depp Dive into Transaction Traces
- Profiling with New Relic
- Creating and managing Alerts
- Working with Incidents
- Sending NewRelic Alerts to Slack
- Assessing the quality of application deployments

- **Monitoring using Newrelic**

- View your applications index
- APM Overview page
- New Relic APM data in Infrastructure
- Transactions page
- Databases and slow queries
- Viewing slow query details
- External services page
- Agent-specific UI
- Viewing the transaction map

