Application Monitoring and Feedback Loops

Modality: On Demand

Duration: 16 Hours

About this Course:

This advanced-level course covers the key concepts of Feedback Loops Practices and Application Monitoring Principles. Professionals get practical experience of working with numerous types of feedback and learns its application in different phases of the value stream. This course also focuses on the key concepts and types of telemetry and focuses on the benefits and applications of telemetry.

This course introduces learners to Application Performance Management and helps them learn the art of monitoring performance, usage, and availability of applications. In addition to this, it also covers key concepts of Log Analytics and provides a comprehensive review of Operations Management Suite Log Analytics Configurations and Applications. Professionals also get to know visualization configurations and get to work with OMS Solutions. On average, a professional Log Analyst earns $102,000 annually.

Course Objectives:

The core objective of this course is to help professionals develop a better understanding and sound knowledge of the following key concepts:

- Application Feedback Monitoring Principles and Practices
- Types of Feedback and their Application in Value Stream
- Azure Application Insights Monitoring and Configuration
- Web Application Availability Monitoring
- Azure Application Insights Data Monitoring and Analysis
- Operations Management Suite Data Analysis, Query, and Configuration
- Application Insight Integration and OMS Notification Setup
- Web Application Configuration and Monitoring with New Relic
- Loggly Configuration and Application

Audience:

This course is specifically tailored for the App Developers, Log Analyst, and Microsoft Azure Professionals.

Prerequisites:

Professionals planning to enroll in the Application Monitoring and Feedback Loops course must comply with the following prerequisites:

- Experience of Working with a Software Delivering Company
- Fundamental Knowledge and Understanding of Microsoft Azure

Course Outline:

Application Monitoring Practices and Principles

- Module 1 Learning Objectives
- General Practices and Principles
- Application Performance Management
- Module 1 Review Questions

Health and Performance Monitoring with Application Insights

- Module 2 Learning Objectives
- Application Insights
- Configuration
- Search and Analysis
- Analytics
- Integration
- Developer Tools
- Labs
- Module 2 Review Questions

Log Analytics

- Module 3 Learning Objectives
- Log Analytics
- Connected Sources
- Data Sources
- Log Search
- Data Visualization
- Alerts
- Log Analytics REST API
- Labs
- Module 3 Review Questions

Integrating Third-Party Monitoring Tools

- Module 4 Learning Objectives
- New Relic
- Loggly
- Nagios Core
- Labs
- Module 4 Review Questions

Final Exam

- Graded Final Exam?