

Training: IBM  
 IBM Tivoli Monitoring for Implementers



## TRAINING GOALS:

With IBM Tivoli Monitoring, you can manage your systems graphically, dynamically, and flexibly. A browser-enabled interface helps transform systems management data into information you need to keep systems available. In this course, you learn how to implement IBM Tivoli Monitoring version 6.3. This training class is provided in a classroom environment with multiple opportunities for hands-on lab practice.

- Plan an IBM Tivoli Monitoring implementation
- Install Tivoli Monitoring server components and their prerequisites
- Install and configure Tivoli Enterprise Monitoring Agents
- Configure and maintain IBM Tivoli Monitoring
- Install and configure Jazz for Service and Management and Tivoli Monitoring Dashboards
- Install and configure event synchronization with Netcool/OMNIBus and IBM Tivoli Enterprise Console
- Configure and verify availability for IBM Tivoli Monitoring
- Describe how to implement Tivoli Monitoring user security, infrastructure component communication security, and communications through firewalls

This intermediate-level course is for anyone involved in the implementation of IBM Tivoli Monitoring version 6.3.

## CONSPECT:

### Planning an IBM Tivoli Monitoring implementation

- Overview and references
- Architecture and components
- Design process
- Deployment and availability
- Preparing for the installation
- Component interoperability and upgrades

### Installing IBM Tivoli Monitoring infrastructure

- Preparing for installation
- The Startup Center
- Installing monitoring servers
- Installing portal server components
- Installing the portal client
- Post-installation tasks

### **Installing IBM Tivoli Monitoring agents**

- Introduction to installing and configuring agents
- Prerequisite checker for operating system agents
- Remote installation
- Installing agents remotely from the command line
- Self-describing agents
- Silent installation
- Installing IBM Tivoli Monitoring for Databases DB2 Agent

### **Configuring and managing IBM Tivoli Monitoring Agents**

- Agent configuration
- Using the portal client to manage agents
- Troubleshooting agent deployment
- Jazz for Service Management and Tivoli Monitoring Dashboards
- Jazz for Service Management Overview
- Installing Jazz for Service Management
- Installing the Tivoli Enterprise Monitoring Automation Server
- Installing the IBM Tivoli Monitoring Dashboard
- Verifying Jazz for Service Management
- Verifying Tivoli Monitoring Dashboard

### **Maintaining IBM Tivoli Monitoring**

- Working with monitoring components
- Data backup and restore
- Maintenance
- Monitoring server and self-monitoring

### **Integrated event management**

- Overview of integrated event management

- Netcool/OMNibus integration
- Tivoli Enterprise Console integration
- Event forwarding on z/OS

### **Configuring availability in IBM Tivoli Monitoring**

- Goals of resiliency and high availability
- Heartbeats
- Clustering
- Hot standby overview
- Monitoring agent and remote monitoring server failover
- Portal server in the failover scenario
- Troubleshooting options

### **Security for IBM Tivoli Monitoring**

- User authentication
- Infrastructure component communication security
- Secure Socket Layer
- Firewall considerations with Tivoli Monitoring
- Granular authorization
- Single sign-on
- Additional security topics

## **REQUIREMENTS:**

You should complete course *IBM Tivoli Monitoring 6.2.3 Fundamentals (TM022)* **or** have equivalent knowledge and experience.

### **Difficulty level**

