

**IBM TDS (Tivoli Directory Server):** TDS is a powerful and authoritative enterprise directory infrastructure that is a critical enabler for enterprise security, important part of the IBM Tivoli Integrated Identity Management portfolio and plays a key role in building the enterprise identity data infrastructure for applications such as identity management, portals, and Web services and The default directory for WebSphere(R) Application Server and Portal, Tivoli Identity Manager and Access Managers, as well as the AIX operating system.

TDS Course Content:

# 1. Overview of Introduction to IT Service Management and Industry standards

Define Service and IT Service Management. ITSM is a discipline for managing information technology (IT) systems, centered on the customer's perspective of IT's contribution to the business. ITSM is process-focused and has ties and common interests with process improvement movement (e.g., TQM, Six Sigma, Business Process Management, CMMI) frameworks and methodologies.

# 2. Overview of Information Technology Infrastructure Library (ITILv3) Framework

ITIL is a set of concepts and policies for managing information technology (IT) infrastructure, development and operations. The IT Infrastructure Library (ITIL®) is a collection of best practices in IT Service Management. ITIL® is relevant to anyone involved in the delivery or support of IT services.

#### 3. Overview of IBM Service Management (ISM) Framework

IBM Service Management is built on the Tivoli Service Management Platform and wrapped with best practices, methodologies and services that help customers better manage the business of IT by delivering Visibility, Control and Automation.

### 4. Introduction to Tivoli Software and Tivoli Security Management Portfolio

- > Introduction to Tivoli
- > Tivoli and Smarter Planet
- ➤ Mapping Tivoli Products to ITIL Processes
- ➤ Tivoli Case Study
- > Tivoli Security Product Suite Overview
- ➤ Introduction to Identity and Access Management Family (IAM)
- Overview of Tivoli Directory Server
- Overview of Tivoli Access Manager Family
- Overview of Tivoli Identity Manager
- Overview of Tivoli Directory Integrator

### 5. IBM Tivoli Directory Server (ITDS)

Lesson 1: Understanding the LDAP Protocol Lesson 2: LDAP Architecture Lesson 3: Setting up a working Tivoli Directory server Lesson 4: TDS Commands and User/Group Management Lesson 5: Understanding TDS schema Lesson 6: Replication Lesson 7: Access Control List Lesson 8: Security Management in TDS Lesson 9: Distributed Directory Lesson 10: Web Admin Tool Lesson 11: Logging Utilities in TDS *IBM Tivoli Directory Server Lab Exercise for the respective lessons*.

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