

## Oracle Tuxedo

### Oracle Tuxedo 12c Administration Training

**Duration:** 5 Days

Learn To:

- Configure Tuxedo application deployments.
- Execute capacity planning for applications that span multiple machines and domains.
- Configure Tuxedo applications to support native and remote clients to include Workstation and web services clients.
- Use advanced monitoring and dynamic performance configuration options.
- Secure Tuxedo applications and services.
- Create Tuxedo server and client executables from source code.
- Configure, monitor and troubleshoot various types of Tuxedo applications.
- Review Tuxedo Software Components & Deployment Architectures

#### Related Training

##### *Suggested Prerequisites*

Some degree of programming experience

TCP/IP knowledge

#### Course Objectives

- Describe Tuxedo architecture
- Configure and deploy Tuxedo applications
- Configure and deploy Tuxedo workstation clients and web service clients
- Configure and deploy SALT web services
- Execute Tuxedo administration tasks using command line tools
- Secure Tuxedo environments
- Configure multiple machine domains
- Configure advanced Tuxedo features
- Configure XA transactions
- Configure and deploy Tuxedo queues
- Configure multiple Tuxedo domains using domain gateways Monitor activity and performance of Tuxedo applications
- Install Tuxedo products and patching Tuxedo using TSAM

## Oracle Tuxedo

### Course Topics

#### Day 1:

##### **Introduction to Oracle Tuxedo**

What is Oracle Tuxedo?  
The History of Oracle Tuxedo

##### **Installation and Deployment**

Tuxedo Product Installation  
Tuxedo Patch Installation  
Deploying a Test Application

##### **Architecture Overview**

Application Server Architecture (n-Tier)  
What is Oracle Tuxedo?  
Components of a Tuxedo Application  
Message Paradigms

##### **Tuxedo Application Configuration**

Tuxedo Configuration File Basics  
Tuxedo Application Deployment Basics  
Additional \*MACHINES Section Parameters  
Additional \*SERVERS Section Parameters  
Using \*SERVICES Section Parameters

#### Day 2:

##### **Monitor and Maintain Tuxedo Applications**

Application Monitoring Tools  
The tadmin Command Line Utility  
Starting and Stopping Tuxedo Servers  
Tuxedo Java Servers

##### **Tuxedo Remote Clients: Configuration and Administration**

The /WS Subsystem  
Service Architecture Leveraging Tuxedo (SALT)  
Jolt

##### **Tuxedo Security Configuration and Administration**

Tuxedo Security Configurations  
Secure Socket Layer (SSL)  
Link-Level Encryption (LLE)  
Additional Security Features

#### Day 3:

##### **Distributed Application Configuration and Administration**

Basic MP Model Configuration  
Additional Configuration and Administration

##### **Distributed Transaction Configuration and Administration**

Transactions Overview  
Configuring Tuxedo for Transaction Support

## **Oracle Tuxedo**

### **Day 4:**

#### **Tuxedo Queuing Configuration and Administration**

/Q Subsystem Overview

Configuring Tuxedo for /Q Support

Configuring Tuxedo Message Queue

#### **Domain Gateway Configuration and Administration**

Basic Domain Gateway Configuration

Advanced Domain Gateway Enhancements

The WebLogic-Tuxedo Connector (WTC)

### **Day 5:**

#### **Monitor, Tune, and Troubleshoot Performance**

IPC Resource Requirements

Runtime and Configuration Performance Options

#### **Introduction to Tuxedo System and Applications Monitor (TSAM)**

Installing TSAM

TSAM Architecture

Configuring and Using TSAM

TSAM Plug-In for Oracle Enterprise Manager

#### **Other Questions and Answers**