

# Oracle Tuxedo 12c: Application Administration

- **Introduction to Oracle Tuxedo**
  - What is Oracle Tuxedo?
  - The History of Oracle Tuxedo
- **Installation and Deployment**
  - Tuxedo Product 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
- **Monitor and Maintain Tuxedo Applications**
  - Application Monitoring Tools
  - The tadmin Command Line Utility
  - Starting and Stopping Tuxedo Servers
  - The Tuxedo System Event Broker
  - 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
  - Lightweight Directory Access Protocol (LDAP)
  - Secure Socket Layer (SSL)
  - Link-Level Encryption (LLE)
  - Additional Security Features
  - Extended Authentication and Authorization
- **Distributed Application Configuration and Administration**
  - Basic MP Model Configuration
  - Additional Configuration and Administration
- **Advanced Server Group Configuration**
  - Data-Dependent Routing (DDR)
  - Server Group Migration
- **Distributed Transaction Configuration and Administration**
  - Transactions Overview
  - Configuring Tuxedo for Transaction Support
  - Oracle Real Application Cluster (RAC) Use Case
- **Tuxedo Queuing Configuration and Administration**
  - /Q Subsystem Overview
  - Configuring Tuxedo for /Q Support

- Configuring Tuxedo Message Queue
- MQ Adapter
- **Domain Gateway Configuration and Administration**
  - Basic Domain Gateway Configuration
  - Advanced Domain Gateway Enhancements
  - The WebLogic-Tuxedo Connector (WTC)
- **Accessing the Tuxedo Management Information Base (MIB)**
  - SNMP and MIBs
  - Using the Tuxedo Admin API
- **Monitor, Tune, and Troubleshoot Performance**
  - IPC Resource Requirements
  - Runtime and Configuration Performance Options
- **Using Tuxedo System and Applications Monitor (TSAM)**
  - Installing TSAM
  - TSAM Architecture
  - Configuring and Using TSAM
  - TSAM Plug-In for Oracle Enterprise Manager
- **Exalogic Optimizations for Tuxedo**
  - Exalogic Overview
  - Tuxedo on Exalogic
  - Oracle Virtual Assembly Builder
  - Self-Tuning SPINCOUNT
  - Shared Memory Queues
  - Configuring Tuxedo to use InfiniBand
  - BRIDGE Bypass Using RDMA
  - Shared APPDIR