Oracle SOA Suite Admin

1. Introducing SOA and Oracle SOA Suite

- ✓ Describing Service-Oriented Architecture (SOA) Concepts
- ✓ Introducing Service Component Architecture (SCA) Composite Applications
- ✓ Describing Oracle SOA Suite 11g Architecture and Components
- ✓ Introducing Oracle SOA Suite 11g Administration Tools

2. Installing Oracle SOA Suite

- ✓ Creating SOA Schemas with the Repository Creation Utility
- ✓ Installing Oracle SOA Suite 11g
- ✓ Configuring an Oracle WebLogic Domain with SOA Suite 11g Components
- ✓ Exploring Oracle Enterprise Manager Fusion Middleware Control Console

3.Managing SOA Composite Applications

- ✓ Describing Composite Application Structure and Dependencies
- ✓ Deploying Composite Applications
- ✓ Testing and Monitoring Composite Applications
- ✓ Managing Composite Application Life Cycle

4.Administering the SOA Infrastructure

- ✓ Configuring Oracle SOA Suite 11g SOA Infrastructure Properties
- ✓ Monitoring SOA Infrastructure Run-time Information

5.Administering Oracle JCA Adapters and Binding Components

- ✓ Describing JCA Adapters and Binding Components
- ✓ Configuring JCA Adapter Properties
- ✓ Configuring File, Database, and JMS JCA Adapter Run-time Resources
- ✓ Monitoring JCA Adapter Instances and Faults

6.Administering BPEL Process Service Components and Engines

- ✓ Describing BPEL Components and Service Engine
- ✓ Configuring BPEL Service Engine Properties
- ✓ Tracking Messages in a Composite Application With a BPEL Process
- ✓ Monitoring BPEL Process Component Instances
- ✓ Managing BPEL Process Component Instances and Faults

7.Administering Oracle Mediator Service Components and Engines

- ✓ Describing Mediator Components and Service Engines
- ✓ Configuring Mediator Service Engine Properties
- ✓ Monitoring Mediator Component Instances and Routing Iinformation
- ✓ Managing Mediator Faults

8.Administering Decision Service Components and Business Rules Service Engines

- ✓ Describing Decision Services and Business Rules Service Engines
- ✓ Monitoring Business Rules Service Engine Instances and Faults

9.Administering Oracle User Messaging Service

- ✓ Describing User Messaging Service (UMS) Architecture and Components
- ✓ Configuring UMS for Human Workflow and BPEL Process Components
- ✓ Configuring Oracle WebLogic Server Embedded LDAP Server
- ✓ Configuring the Email Messaging Driver
- ✓ Testing UMS Services

10.Administering Human Task Service Components and Human Workflow Service Engines

- ✓ Describing Human Workflow Components and Service Engine
- ✓ Configuring the Human Workflow Services
- ✓ Configuring Human Workflow Task Service Properties
- ✓ Exploring the Worklist Application for Task Management Application
- ✓ Describing User Messaging Preferences Preferences

11.Administering Oracle BPMN Process Service Components and Engines

- ✓ Describing BPMN Process Service Components and Engines
- ✓ Configuring BPMN Process Service Components and Engines
- ✓ Monitoring Oracle BPMN Process Service Components and Engines

12.Administering Oracle Business Activity Monitoring

- ✓ Describing Oracle BAM Components and Architecture
- ✓ Configuring the Oracle BAM Adapter
- ✓ Configuring Oracle BAM Server Properties
- ✓ Managing Oracle BAM Users and Distribution Lists
- ✓ Monitoring BAM Activity and Components

13.Administering Oracle B2B

- ✓ Describing the B2B Components and Concepts
- ✓ Describing the B2B Console and Administration Tasks
- ✓ Configuring a B2B Inplementation
- ✓ Testing a B2B Implementation
- ✓ Monitoring B2B Messages in Oracle B2B Console

14.Administering Business Events

- ✓ Describing Business Events
- ✓ Describing the Event Delivery Network Architecture
- ✓ Managing Business Event Subscriptions
- ✓ Monitoring Business Event Occurences

15.Configuring Security Services and Policies

- ✓ Describing Oracle Web Services Manager Functionality
- ✓ Describing Web Service Security Concepts
- ✓ Creating a Simple Web Service Security Policy
- ✓ Securing a Service Endpoint with the Security Policy
- ✓ Monitoring Web Service Security Violations

16.Tuning Performance of Oracle SOA Suite and Components

- ✓ Implementing Best Practice Starting and Stopping Managed Servers
- ✓ Extending SOA Database Tablespaces
- ✓ Managing connection thresholds
- ✓ Optimizing Loading of Enterprise Manager Metric Page Information
- ✓ Purging data from Dehydration Store

17.Troubleshooting Oracle SOA Suite

- ✓ Resolving Managed Server Startup Problems
- ✓ Managing Connection Timeouts
- ✓ Identifying Log Files
- ✓ Configuring Log Levels
- ✓ Viewing Log File Entries
- ✓ Identifying and Resolving Common Application Problems

18.Configuring High Availability for Oracle SOA Suite

- ✓ Describing Types of High Availability Options
- ✓ Describing High Availability Implementations

19.Backing Up and Recovery of Oracle SOA Suite Instances

- ✓ Adopting a Backup and Recovery Strategy
- ✓ Backing Up Oracle Fusion Middleware Environments
- ✓ Backing Up the SOA Database Schemas
- ✓ Recovering Oracle Fusion Middleware Environments
- ✓ Recovering SOA Database Schemas