

Introduction

- i. Introducing SOA and Oracle SOA Suite
- ii. Describing Service-Oriented Architecture (SOA) Concepts
- iii. Introducing Service Component Architecture (SCA) Composite Applications
- iv. Describing Oracle SOA Suite 12c Architecture and Components
- v. Introducing Oracle SOA Suite 12c Administration Tools

Installing Oracle SOA Suite 12c

- i. Creating SOA Schemas with the Repository Creation Utility
- ii. Installing Oracle SOA Suite 12c
- iii. Configuring an Oracle WebLogic Domain with SOA Suite 12c Components
- iv. Exploring Oracle Enterprise Manager Fusion Middleware Control Console

Managing SOA Composite Applications

- i. Describing Composite Application Structure and Dependencies
- ii. Deploying Composite Applications
- iii. Testing and Monitoring Composite Applications
- iv. Managing Composite Application Life Cycle

Administering JCA Adapter(DB , File , JMS , SOAP , REST)

- i. Describing JCA Adapters and Binding Components
- ii. Configuring JCA Adapter Properties
- iii. Configuring File, Database, and JMS JCA Adapter Run-time Resources
- iv. Monitoring JCA Adapter Instances and Faults.

Administering BPEL Process Services

- i. Describing BPEL Components and Service Engine





- ii. Configuring BPEL Service Engine Properties
- iii. Tracking Messages in a Composite Application With a BPEL Process
- iv. Monitoring BPEL Process Component Instances
- v. Managing BPEL Process Component Instances and Faults

Administering Oracle Mediator Service Components

- i. Describing Mediator Components and Service Engines
- ii. Configuring Mediator Service Engine Properties
- iii. Monitoring Mediator Component Instances and Routing Information
- iv. Managing Mediator Faults

Administering Business Rules & Decision Services

- i. Describing Decision Services and Business Rules Service Engines
- ii. Monitoring Business Rules Service Engine Instances and Faults

Administering Oracle User Messaging Service

- i. Describing User Messaging Service (UMS) Architecture and Components
- ii. Configuring UMS for Human Workflow and BPEL Process Components
- iii. Configuring Oracle Web Logic Server Embedded LDAP Server
- iv. Configuring the Email Messaging Driver
- v. Testing UMS Services

Administering Human Task Service and Human Workflow

- i. Describing Human Workflow Components and Service Engine
- ii. Configuring the Human Workflow Services
- iii. Configuring Human Workflow Task Service Properties



- iv. Exploring the Work list Application for Task Management Application
- v. Describing User Messaging Preferences

Administering Business Events

- i. Describing Business Events
- ii. Describing the Event Delivery Network Architecture
- iii. Managing Business Event Subscriptions
- iv. Monitoring Business Event Occurrences

Configuring Security Services & Policies

- i. Describing Oracle Web Services Manager Functionality
- ii. Describing Web Service Security Concepts
- iii. Creating a Simple Web Service Security Policy
- iv. Securing a Service Endpoint with the Security Policy
- v. Monitoring Web Service Security Violations

Troubleshooting Oracle SOA Suite

- i. Resolving Managed Server Startup Problems
- ii. Managing Connection Timeouts
- iii. Identifying Log Files
- iv. Configuring Log Levels
- v. Viewing Log File Entries
- vi. Identifying and Resolving Common Application Problems

