



## **BISP – OBIEE Admin**

### **Introduction to OBIEE**

- What is OBIEE?
- OBIEE Architecture
- OBIEE System Components, Logging, and Configuration
- BI Domain Architecture
- BI Integration with Other Products
- OBIEE Documentation
- The OBIEE Sample Application
- The Sample App – The Dashboard Pages
- The Sample App – The Simple Demo
- The Sample App – Reverse Engineering It
- The Sample App – Installed Users
- Starting and Stopping BI Services
- Logging in and out
- The BI Web Interface
- The Global Header
- Acting as Another User
- Setting Preferences
- The Catalog Menu

- Hands-on Lab Exercises
- OBIEE Management Tools

## **Overview of OBIEE Management Tools**

- The Fusion Middleware Control
- The Fusion Middleware Control
- Fusion Middleware Control – The Core Application
- Uploading the Repository
- WebLogic Server Console
- WebLogic Server Administration Control
- Starting and Stopping the Weblogic Server
- The WLST Tool
- WLST – Connecting and Disconnecting
- Enabling the SSL Port
- WLST Scripts
- The BI Admin Tool
- The Job Manager
- Configuration Files
- Administering the Repository

## **The Administration Tool**

- The OBI Data Layers
- Viewing Physical Tables
- Checking Data Consistency
- Viewing Logical Tables

- Viewing the Presentation Layer
- Uploading the Repository
- Repository Version Numbers
- Using the MBean Browser for Repository Configuration
- Hands-on Lab Exercises
- Managing Variables

## **Introduction to Variables**

- Session Variables
- System Session Variable Reference
- Setting Non-System Session Variables
- Creating New Variables
- Initialization Blocks
- Associating Variables with Initialization Blocks
- Viewing Current Variable Values
- Testing Session Variables From Filters
- SQL-Based Non-System Session Variables
- Referencing the Session Variable
- Repository Variables
- Example – Dynamic Repository Variable
- Testing Repository Variables with Filters
- Presentation Variables
- Predefined Presentation Variables
- Referencing a Presentation Variable from a Title View
- Prompts and Presentation Variables

- Testing the Analysis Prompt
- Presentation Variables in Conditional Formatting
- Referencing a Variable with Conditional Formatting
- See it in Action!
- Column Prompts
- The Prompts Editor
- Column Prompts in Action
- Hands-on Lab Exercises
- Managing OBI Security

## **Authentication and Authorization Concepts**

- Application Policies and Application Roles
- Users, Groups, and Roles
- The WebLogic Security Realm
- Creating Users
- Security Providers
- Changing the Security Provider
- Managing User Passwords
- Managing Password Lockout
- Adding Users to Groups Creating Application Groups
- Application Roles
- Adding Users to Application Groups
- Creating a New Application Role
- Application Role Privileges
- Associating Application Groups with Roles

- Associating Users with Application Groups
- Testing Your New User
- Setting Object Permissions
- Setting up User Proxies
- Proxy Privilege (cont'd)
- Hands-on Lab Exercises
- Managing the Catalog

## **Catalog Overview**

- The Catalog Location
- Creating a New Catalog
- Deploying a Catalog to Production
- The Catalog Manager
- Catalog Manager – Online vs Offline Mode
- Opening in Offline Mode
- Deploying Catalog Objects
- Updating Catalog Objects
- Catalog Validation
- Setting Object Permissions through Catalog Manager
- Managing Catalog Groups
- Setting Object Properties
- Copying and Pasting Objects
- Paste Preferences
- Renaming Objects
- Searching for Catalog Objects

- Hands-on Lab Exercises

## **Configuring Analyses and Dashboard Settings**

- Setting Default Max Records
- Setting View Properties
- Data Attributes for Views
- Configuring Graphs and Gauges
- Setting Alternating Bar Colors
- View Interaction Settings
- Analysis
- Interaction Properties
- Interaction Property
- Add Remove Values true
- Configuring Prompts
- Presentation Defaults
- Customizing the Global Header Links
- Global Header Links – Elements and Attributes
- Enabling Custom Links
- Dashboard Page Links
- Setting Alternate Toolbar for BI Publisher Reports
- Setting Default Footers in New Analyses
- Auto-Preview Settings
- Setting Default Views with New Analyses

- Setting Dashboard Drilling Behavior
- Dashboard Headers, Footers, and Orientation
- Hands-on, Lab Exercises
- Agent and Mail Management

## **Introduction to Agents**

- Agent Permission Requirements
- Configuring the Mail Server
- What are Alerts?
- Saving Agents
- Hands-on Lab Exercises
- Configuring Writeback

## **Overview of Writeback**

- Configuring Write-Back
- Sample Write-Back Template
- The LightWriteback XML Element
- Lab Exercises

## **Viewing BI Metrics**

- Monitoring WebLogic Java Components
- Query Performance Tuning
- Fusion Middleware Control Performance Parameters
- Viewing and Purging the Cache
- Hands-on Lab Exercises

- Diagnosing Problems

## **Auditing Tools**

- Fusion Middleware Overview Page
- Fusion Middleware Diagnostics
- Diagnostic Log Files
- Configuring Diagnostics Log Settings
- Configuring Log Output Type
- Configuring Log Writers
- Query Logging
- Query Log Levels
- The Log Viewer Utility
- Reading the Query Logs
- Hand-on Lab Exercises
- OBIEE Backup and Recovery

## **Backup Overview**

- Files to Backup
- Backing Up MDS and BIPLATFORM Database Schemas
- Backing up the Homes
- Back Up Windows Registry Entries
- Recovery Basics
- Hands-on Lab Exercises
- Overview of NQSConfigINI File
- Repository

- Query Result Cache
- Usage Tracking
- Query Optimization
- Aggregate Persistence

### **Cache Management in OBIEE**

- overview of cache architecture
- purging cache
- scheduling cache
- manual and automatic cache in obiee

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