

# Oracle BAM 11g: Build Real-Time Dashboards

## Overview of Oracle Business Activity Monitoring

- Oracle BAM
- Oracle BAM Architecture
- Oracle BAM Tools and Roles
- Oracle SOA Suite and Oracle BPM Suite

## Designing Data Objects

- BAM Data Objects
- How BAM Data Objects are Used
- Designing BAM Data Objects
- BAM Data Object Properties and Actions
- Calculated Fields
- Lookup Fields
- Restricting Access
- Dimensions and Hierarchies

## Integrating Data into Oracle BAM

- The Enterprise Integration Framework
- JMS Connector
- Oracle BAM Adapter
- Oracle BAM Web Services
- Oracle Data Integrator (ODI)
- Integrating External Data Sources

## Creating Simple Dashboards

- Oracle BAM Features
- Oracle BAM View Types
- Oracle BAM Tools
- Configuring Dashboards
- Distributing and Maintaining Dashboards
- Utility Views

## Filters, Parameters, and Prompts

- What Filters Are
- Creating Filters
- Complex Filters
- How Prompts and Parameters Work with Filters

- Creating Prompts and Parameters
- Adding a Prompt or Parameter to a Filter
- Maintaining Prompts and Parameters
- Cascading Prompts

## Configuring Drilling and Driving

- What Drilling Is
- Types of Drilling
- Drilling Down, Up, Through, and Across
- Views Driving Other Views
- Configuring Driving
- Enabling Multi-Select

## Defining Action Buttons

- Actionable Dashboards
- Action List Views
- Creating Action Buttons
- Action Types
- Configuring Actions

## Filtering Data Based on Time

- Time Filters
- Four Sample Scenarios Filtered by Time
- The Active Now Feature
- Continuous Time Series
- Time Series and Time Groups

## Creating Alerts

- What Alerts Are
- Creating Alerts
- Common Uses of Alerts
- Viewing and Maintaining Alerts
- Alert States
- Viewing Alert History
- Creating Alerts from Templates
- Using Alerts to Call a Web Service

## Designing Effective Dashboards

- Defining Requirements
- Designing the Layout

- Choosing View Types
- Formatting Views

## Monitoring BPM Processes

- Overview of Monitoring BPM Processes with Oracle BAM
- Configuring Built-In BPM Metrics
- Configuring Custom BPM Metrics
- Using Monitor Express and Custom Dashboards

## Monitoring BPEL Processes

- Activity Monitoring
- Counters, Intervals, and Business Indicators
- Sensors and Sensor Actions
- BAM Adapters as External References

## Using Oracle BAM Data Control

- ADF Overview
- Creating a BAM Server Connection
- Creating BAM Data Controls
- Binding BAM Data Controls to ADF Pages

## Oracle BAM Administration

- Administration Overview
- ICommand
- BAM Administrator
- Enterprise Manager Fusion Middleware Control console
- WebLogic Server Administration console
- Advanced Topics