Oracle Unified Business Process Management
Suite 11g Essentials
Exam Study Guide

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Objective & Audience

Objective
Help you prepare to take the Oracle Unified Process Management Suite 11g Essentials (1Z0-560) exam by providing pointers to resources that you can use in your preparation.

Targeted Audience
• Consultants working in the roles of process analyst/architect or process designer/developer.
• Candidates must have hands-on experience using Oracle's BPM Suite 11g product.
• Field experience with BPM in addressing customer opportunities is recommended.
• Up-to-date BPM Suite 11g product training is encouraged.
Exam Topics & Objectives

Exam Topics
The Oracle Unified Business Process Management Suite 11g Essentials exam consists of 11 topics:
1. BPM Fundamentals
2. Product Overview
3. Process Modeling
4. Process Simulation
5. Process Implementation
6. Process Analytics
7. Process Spaces and BPM Workspace
8. Business Rules
9. Human Workflow
10. Custom Workflow User Interface
11. Administration

Exam Objectives
The exam objectives are defined by a learner or practitioner level of knowledge:
• **Learner-level**: questions require the candidate to recall information to determine the correct answer. Example: Define the term cloud.
• **Practitioner-level**: questions require the candidate to derive the correct answer from the application of their knowledge, which can only be attained by extensive experience with the product. Example: The client requires a cloud implementation for both intranet and extranet usage. What would you recommend to address the need?
Training Options

For each exam topic there have been identified alternative training options that are available at Oracle. The training options are divided into four categories:

- **Instructor-Led Training**
  The boot camps are designed as a "jump start" training to enhance your skills by providing role-based training on industry-leading Oracle solutions and services. The boot camps are built as concise, intensive, and real-time training to give partners a competitive advantage as they prepare to build powerful solutions for their own customer base. Partners can choose to attend these boot camps in class or in a live virtual class format to maximize the effectiveness and the time allocated to training. Partners can take any publicly-scheduled Oracle University courses at steep discounts. Benefit from hands on experience to gain real working skill and work toward Oracle certifications.

- **Online Training**
  Oracle partners are entitled free access to the Oracle Knowledge Center, a vast library of recorded product courses. New courses are regularly added to the library, providing partners with the latest information and training to master new products or to increase proficiency on the new releases.

- **Documentation**
  Books, white papers, product user guides and reference manuals are available from Oracle on the web.
Topic 1: BPM Fundamentals

Objectives

- Define BPM and explain its value proposition
- Describe the closed-loop life cycle and Oracle’s BPM Methodology
- Explain capability maturity levels and elements of good BPM governance

Level

• Learner
• Learner
• Practitioner

Training Options

- Instructor-Led Training
  - Oracle Business Process Management Suite 11g Implementation Boot Camp (4 Days)
  - Oracle BPM 11g Modeling (3 Days)
  - Oracle BPM 11g: Implement the Process Model (3 Days)

- Online Training
  - Mastering Oracle BPM Suite 11g Webcast Series: BPM Overview (60 minutes)

- Documentation
  - Getting Started with Oracle BPM Suite 11gR1 - A Hands-On Tutorial: Chapters 1 & 2

Sample Questions

- Which one empowers the business user to model the business process?
  A. BPM Studio
  B. BPM Composer *
  C. Enterprise Manager
  D. BPM Analytics

- Which is the greatest benefit of the closed-loop lifecycle?
  A. Realizing continuous process improvement *
  B. Implementing business change
  C. Enabling the business analyst
  D. Enhancing collaboration
Topic 2: Product Overview

Objectives

- Explain key architecture components  
  Level: Learner
- Identify key design-time and run-time features  
  Level: Learner
- Describe supported personas  
  Level: Learner

Training Options

- Instructor-Led Training
  - Oracle Business Process Management Suite 11g Implementation Boot Camp (4 Days)
  - Oracle BPM 11g Modeling (3 Days)
  - Oracle BPM 11g: Implement the Process Model (3 Days)
- Online Training
  - Mastering Oracle BPM Suite 11g Webcast Series: BPM Overview (60 minutes)
- Documentation
  - Oracle BPM Suite 11g: BPM without Barriers (White Paper)
  - Getting Started with Oracle BPM Suite 11gR1 - A Hands-On Tutorial: Chapters 3 and 4

Sample Questions

- How is a data type expressed in BPM Suite 11g?
  A. business object *
  B. data object
  C. business item
  D. business data

- Which two activities are supported by BPM Studio?
  A. Designing BAM dashboards
  B. Creating user interfaces *
  C. Building value chain models
  D. Designing adapter services *
Topic 3: Process Modeling

Objectives

- Describe the purpose and evolution of BPMN  
  Level: Learner
- Implement roles and organizational units  
  Level: Practitioner
- Use the main diagramming objects  
  Level: Practitioner
- Add conditional logic, parallel paths and loops  
  Level: Practitioner
- Design subprocesses to organize your models  
  Level: Practitioner

Training Options

- Instructor-Led Training
  - Oracle Business Process Management Suite 11g Implementation Boot Camp (4 Days)
  - Oracle BPM 11g Modeling (3 Days)
  - Oracle BPM 11g: Implement the Process Model (3 Days)
- Online Training
  - Building Your First Process with Oracle BPM 11g (Self-Paced: 2 hours)
  - Oracle BPM 11g Quick Start Series: Implementing a Business Process in Oracle BPM 11g (40 minutes)
  - Mastering Oracle BPM Suite 11g Webcast Series: Mastering BPMN 2.0 (79 minutes)
  - Modeling a Business Process in Business Process Composer (12 minutes)
  - Modeling and Simulating a Business Process in Oracle BPM 11g (40 minutes)
- Documentation
  - Getting Started with Oracle BPM Suite 11gR1 - A Hands-On Tutorial: Chapter 7

Sample Questions

- How many start and end events can a BPMN process have?
  A. only one start event and only one end event
  B. only one start event, but multiple end events
  C. multiple start events, but only one end event
  D. multiple start events and multiple end events *

- Identify one gateway that cannot have an outgoing conditional path.
  A. Exclusive Gateway
  B. Inclusive Gateway
  C. Parallel Gateway *
  D. Event Gateway
Topic 4: Process Simulation

Objectives

- Explain simulation scope and objectives  
  Level: Learner
- Create process simulation models  
  Level: Practitioner
- Create project simulation definitions  
  Level: Practitioner
- Run simulations and analyze results  
  Level: Practitioner

Training Options

- Instructor-Led Training
  - Oracle Business Process Management Suite 11g Implementation Boot Camp (4 Days)
  - Oracle BPM 11g: Implement the Process Model (3 Days)
  - Oracle BPM 11g Modeling (3 Days)
- Online Training
  - Oracle BPM 11g Quick Start Series: Modeling and Simulating a Business Process in Oracle BPM 11g (40 minutes)
- Documentation
  - Getting Started with Oracle BPM Suite 11gR1 - A Hands-On Tutorial: Chapter 9

Sample Questions

- Which three can you analyze using simulation?
  A. Process throughput and performance *
  B. Resource allocation for roles *
  C. Activity-based cost *
  D. End-to-end production run-time durations
  E. ROI

- Which two correctly describe a Project Simulation Model?
  A. It is used for simulation across multiple processes. *
  B. It describes the simulation scenario for a process model.
  C. It is associated with shared resources. *
  D. It is configured using BPMN 2.0 notation.
  E. It is driven by parameters provided at application deployment time.
Topic 5: Process Implementation

Objectives

- Describe task types
- Explain ways to start and end processes
- Implement event support and exception handling
- Create business objects and task services
- Generate a form for a task
- Configure service tasks and script tasks
- Create service implementations
- Map data for activities
- Implement security roles and identity management

Level

Learner
Practitioner

Training Options

- Instructor-Led Training
  - Oracle Business Process Management Suite 11g Implementation Boot Camp (4 Days)
  - Oracle BPM 11g: Implement the Process Model (3 Days)
  - Oracle BPM 11g Modeling (3 Days)
- Online Training
  - Building Your First Process with Oracle BPM 11g (Self-Paced)
  - Oracle BPM 11g Quick Start Series: Implementing a Business Process in Oracle BPM 11g (40 minutes)
  - Mastering Oracle BPM Suite 11g Webcast Series: Mastering BPMN 2.0 (79 minutes)
- Documentation
  - Getting Started with Oracle BPM Suite 11gR1 - A Hands-On Tutorial: Chapter 10

Sample Questions

- You need a set of participants to vote on a task. The appropriate task to use for this pattern is ______.
  A. FYI
  B. Initiator
  C. Group *
  D. Management
- To assign a global unique identifier (GUID) to a variable, you would use a(n) ______.
  A. simple expression
  B. XPath expression *
  C. XSLT transformation
  D. service invocation to a service that provides a GUID
Topic 6: Process Analytics

Objectives

- Describe process analytics architecture and out-of-the-box metrics support
- Add a business indicator to a process and assign data
- Add measurement marks and counters to a process
- Create a dashboard
- Set up integration with Oracle BAM
- Create BAM data objects and alerts

Level

- Learner
- Practitioner

Training Options

- Instructor-Led Training
  - Oracle Business Process Management Suite 11g Implementation Boot Camp (4 Days)
  - Oracle BPM 11g: Implement the Process Model (3 Days)
  - Oracle BPM 11g Modeling (3 Days)
- Online Training
  - Oracle BPM 11g Quick Start Series: Monitoring a Business Process in Oracle BPM 11g (30 minutes)
  - Mastering Oracle BPM Suite 11g Webcast Series: Process Analytics-Intelligent Decision Making (60 minutes)
- Documentation
  - Getting Started with Oracle BPM Suite 11gR1 - A Hands-On Tutorial: Chapter 13

Sample Questions

- When are the process metrics data captured for all identified sampling points?
  A. as the process is executed *
  B. on completion of the process
  C. at regular intervals during the process execution
  D. at user-specified intervals

- Which two are correct about business indicators?
  A. Business indicators can be captured at measurement marks. *
  B. Dimensions allow the user to capture numerical values.
  C. All business indicators are captured at sampling points and a subset are captured at measurement marks. *
  D. Counters should always be used at Interval Start and Interval Stop.
Topic 7: Process Spaces and BPM Workspace

Objectives

- Describe the features and roles serviced by Process Spaces and the BPM Workspace
- Organize work by creating and using views
- Delegate and reassign work
- Manage and track processes

Level

- Learner
- Practitioner

Training Options

- Instructor-Led Training
  - Oracle Business Process Management Suite 11g Implementation Boot Camp (4 Days)
  - Oracle BPM 11g: Implement the Process Model (3 Days)
  - Oracle BPM 11g Modeling (3 Days)
- Online Training
  - Oracle BPM 11g Quick Start Series: Participating in a Business Process in Oracle BPM 11g (20 minutes)
  - Social BPM: Integrating Enterprise 2.0 with Business Applications (60 minutes)
- Documentation
  - Getting Started with Oracle BPM Suite 11gR1 - A Hands-On Tutorial: Chapter 12

Sample Questions

- Which tool do you use to view the data in a process instance?
  A. BPM Workspace Process Tracking
  B. BPM Business Catalog
  C. Fusion Middleware Control *
  D. BPM MDS Connection
- Which three actions can be performed in Process Spaces?
  A. set up business rules for collaboration
  B. share documents such as requirement documents, feedback documents, and design specs *
  C. discuss issues *
  D. define business indicators for custom dashboards
  E. create a process instance space for collaboration specific to one process instance *
Topic 8: Business Rules

Objectives

• Explain how rules are integrated with mediator and human workflow  
  Level: Learner
• Create an IF-THEN business rule  
  Level: Practitioner
• Define a business rule using a decision table  
  Level: Practitioner
• Test business rules  
  Level: Practitioner

Training Options

• Instructor-Led Training
  – Oracle Business Process Management Suite 11g Implementation Boot Camp (4 Days)
  – Oracle BPM 11g: Implement the Process Model (3 Days)
  – Oracle BPM 11g Modeling (3 Days)

• Online Training
  – Business Rules Component Overview (57 minutes)
  – Customizing Business Rules in Oracle BPM 11g (90 minutes)
  – Mastering Oracle BPM Suite 11g Webcast Series: Ruling with Rules (60 minutes)

• Documentation
  – Getting Started with Oracle BPM Suite 11gR1 - A Hands-On Tutorial: Chapter 14

Sample Questions

• In which two ways can BPMN processes use rules?
  A. Rules are used to define process flow. *
  B. Rules are used to describe human task assignments. *
  C. Rules are used to modify past actions.
  D. Rules are used to change completed task activities.

• In an IF-THEN business rule, you can't ______.
  A. call a rule function
  B. use aggregations like count, max, and average
  C. use while loops
  D. change a fact object structure *
Topic 9: Human Workflow

Objectives

• Describe the architecture for workflow  
  Learner
• Explain the supported human task patterns  
  Learner
• Explain expiration and escalation policy options  
  Learner
• Configure a human task and add data assignments  
  Practitioner
• Create approval groups  
  Practitioner
• Set security and access controls  
  Practitioner

Training Options

• Instructor-Led Training
  – Oracle Business Process Management Suite 11g Implementation Boot Camp (4 Days)  
  – Oracle BPM 11g: Implement the Process Model (3 Days)  
  – Oracle BPM 11g Modeling (3 Days)
• Online Training
  – Human Task Component Overview (55 minutes)
• Documentation
  – Getting Started with Oracle BPM Suite 11gR1 - A Hands-On Tutorial: Chapter 15

Sample Questions

• The default owner for a task is the ______.
  A. operation system user that starts the server  
  B. Weblogic Server's identity  
  C. ProcessOwner application role *  
  D. anonymous user

• Which is the default signature policy for workflow participants?
  A. no signature required *  
  B. password required  
  C. digital signature required  
  D. password or digital signature required
Topic 10: Custom Workflow User Interface

Objectives
- Identify the key components of ADF
- Create business components and task flows
- Build a data entry form

Level
- Learner
- Practitioner

Training Options
- Instructor-Led Training
  - Oracle Business Process Management Suite 11g Implementation Boot Camp (4 Days)
  - Oracle BPM 11g: Implement the Process Model (3 Days)
- Online Training
  - Oracle ADF Quick Overview (10 minutes)
  - Introduction to Oracle ADF Seminar (32 minutes)
- Documentation
  - Oracle Fusion Middleware Developer’s Guide for Oracle SOA Suite 11g: Designing Task Forms for Human Tasks
  - Oracle ADF 11g Primer (White Paper)
  - Getting Started with Oracle BPM Suite 11gR1 - A Hands-On Tutorial: Chapter 16

Sample Questions
- Which three statements are true about ADF Business Components (ADF BCs)?
  A. **ADF BC is an object-relational mapping framework.**
  B. **ADF BC allows a convenient way to publish Service Data Object (SDO) services.**
  C. ADF BC View Objects are read-only views of the underlying database tables.
  D. **An ADF BC Entity Object represents a database table.**
- Which statement is false about generated task forms?
  A. A generated task form can be customized by adding and removing UI components or changing the layout.
  B. You can choose your own layout before the form is actually generated.
  C. You can add ADF BC data controls to a generated task form.
  D. **A generated task from project contains a single JSF page in a single unbounded task flow.**
Topic 11: Administration

Objectives

- Manage roles and configure organization units  Practitioner
- Manage approval groups and use flex fields  Practitioner
- Monitor business processes  Practitioner
- Troubleshoot installation and runtime issues  Practitioner

Training Options

- Instructor-Led Training
  - Oracle Business Process Management Suite 11g Implementation Boot Camp (4 Days)
  - Oracle BPM 11g: Implement the Process Model (3 Days)
- Online Training
  - Mastering Oracle BPM Suite 11g Webcast Series: Deployment and High Availability (60 minutes)
- Documentation
  - Oracle Fusion Middleware Installation Guide for Oracle SOA Suite and Oracle Business Process Management Suite 11g: Troubleshooting
  - Getting Started with Oracle BPM Suite 11gR1 - A Hands-On Tutorial: Chapter 19

Sample Questions

- When you create a swimlane role, the artifact that's created is a(n) _____.
  A. virtual user
  B. approval group
  C. LDAP group
  D. application role *

- When are role mappings, defined through JDeveloper, used to update the realm's security configuration?
  A. only during the first deployment *
  B. for every deployment
  C. for every deployment of the same version
  D. for every deployment of a newer version

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Exam Registration

• **How to register for the exam?**
  You can register for all Oracle certification exams with Pearson VUE. Before a registration can be submitted, a Pearson VUE profile must be created using your Company ID. Your Company ID can be obtained by contacting your local Oracle Partner Business Center or by signing in to your OPN account. Your Company ID is located in the section on the right under "Company information".

  Please follow these instructions in order to properly set-up your Pearson VUE account for the first time.

• **Have you completed an Oracle Certification Exam in the past?**
  Due to systems enhancements, each partner who has completed an Oracle Certification Exam will need to update their Pearson VUE profile in order to receive credit and for those records to appear in the OPN Competency Center.

• **How to get full recognition as Certified Implementation Specialist?**
  To get full recognition as a Certified Implementation Specialist you need to:
  A. Update your Pearson VUE profile with your Company ID
  B. Activate your Certview Account

  Please follow these instructions and your records will be properly recorded.
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