Objective & Audience

Objective
Help you prepare to take the Oracle FLEXCUBE Universal Banking 11 Technical Implementation Specialist (1Z0-579) Exam by providing pointers to resources that you can use in your Preparation.

Targeted Audience

- Technical Consultants
Exam Topics & Objectives

Exam Topics
The Oracle FLEXCUBE Universal Banking 11 Technical exam consists of seventeen topics:

1. Oracle FLEXCUBE Architecture
2. Oracle FLEXCUBE Object Naming Conventions
3. FLEXCUBE Hardware & Software Requirements
4. Oracle FLEXCUBE Installation using installer
5. Oracle FLEXCUBE Implementation
6. Migration Approach
7. Extensibility Feature
8. Oracle FLEXCUBE Gateway server for Interface
9. Reports
10. Interfaces
11. Support Process
12. End of Day (EOD)
13. Process Workflow (BPEL)
14. Enterprize Limit and Collateral Management (ELCM)
15. Switch Gateway (ATM and POS)
16. Electronic Messaging System (EMS)
17. Performance Tuning
Exam Objectives
The exam objectives are defined by learner or practitioner level of knowledge:

- **Learner-level:** questions require the candidate to recall information to determine the correct answer.

  Example: Define the term network.

- **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 requests xyz functionality, would you recommend a, b or c?
For each exam topic there have been identified alternative training options that are available at Oracle. The training options are divided into three categories:

- **Boot Camps**
  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.

- **Instructor-Led Training (delivered by Oracle University)**
  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 (OUKC), 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.

- **OPN Competency Center** is an intelligent training tool that allows partners to manage their Oracle training with role-focused guided learning paths and measure their achievement toward Specialization:
Topic 1: Oracle FLEXCUBE Architecture

Objectives

- Describe Oracle FLEXCUBE’s technical architecture
- Explain deployment options

Level

Learner

Training Options

- Boot Camp
  - Oracle FLEXCUBE Universal Banking 11 Technical Boot Camp

- Online Training
  - Oracle FLEXCUBE Universal Banking 11 Technical Implementation Specialist

Sample Questions:

- Oracle FLEXCUBE supports background processing for contract processing and automation. How is background processes invoked in Oracle Flexcube?
  
a) Manually done by backend office users
b) Using Oracle Jobs
c) Using Batch browser
d) Using STP
Topic 2: Oracle FLEXCUBE Object Naming Conventions

Objectives

- Explain naming conventions
- Describe coding standards and Processes

Level

- Learner

Training Options

- Boot Camp
  - Oracle FLEXCUBE Universal Banking 11 Technical Boot Camp

- Online Training
  - Oracle FLEXCUBE Universal Banking 11 Technical Implementation Specialist

Sample Questions:

- How are tables in Oracle Flexcube referred to in the source code?
  a) By wrapping the table names
  b) By directly referring to the table name
  c) Using synonyms of the table name
  d) Using database link to the table
Topic 3: FLEXCUBE Hardware & Software Requirements

Objectives

- Describe hardware requirements
- Describe software requirements

Training Options

- Boot Camp
  - Oracle FLEXCUBE Universal Banking 11 Technical Boot Camp

- Online Training
  - Oracle FLEXCUBE Universal Banking 11 Technical Implementation Specialist

Sample Questions:

- Which of the following software is required to launch FLEXCUBE in Internet Explorer?
  a) Apache Ant
  b) MSXML Parser
  c) WinSCP
  d) FTP
Topic 4: Oracle FLEXCUBE Installation using installer

Objectives

- Setup a Database Server
- Setup an Application Server
- Setup a Client Machine

Level

- Practitioner

Training Options

- Boot Camp
  - Oracle FLEXCUBE Universal Banking 11 Technical Boot Camp

- Online Training
  - Oracle FLEXCUBE Universal Banking 11 Technical Implementation Specialist

Sample Questions:

- Which is the tool used to create the schemas corresponding to SOA Component?
  - a) Oracle Repository Creation Utility
  - b) Oracle J Developer
  - c) Oracle Data Pump
  - d) Oracle Flexcube Installer
Topic 5: Oracle FLEXCUBE Implementation

Objectives

- Perform environment management  Practitioner
- Perform release management  Practitioner
- Apply Source Control using the Version Control System  Practitioner
- Use parameterization sheets  Practitioner
- Use the migration template, approach and scripts  Practitioner
- Apply debugging techniques  Practitioner
- Deploy fixes and new releases  Practitioner

Training Options

- Boot Camp
  - Oracle FLEXCUBE Universal Banking 11 Technical Boot Camp

- Online Training
  - Oracle FLEXCUBE Universal Banking 11 Technical Implementation Specialist

Sample Questions

- Which system parameter determines the site-specific code changes done for a bank?
  a) Custom
  b) x9$
  c) BIC Code
  d) MIC Code
**Topic 6: Migration Approach**

**Objectives**

- Setup a migration approach
- Create Contracts for Issuance of Counter Guarantees

**Level**

Practitioner

**Training Options**

- **Boot Camp**
  - Oracle FLEXCUBE Universal Banking 11 Technical Boot Camp

- **Online Training**
  - Oracle FLEXCUBE Universal Banking 11 Technical Implementation Specialist

**Sample Questions**

- While migrating the data from the legacy system to Flexcube, which one of the following statement is correct?
  
a) All historic data from the legacy system will be migrated to Flexcube

b) There is an option available in Flexcube whether historic data to be migrated from legacy system or not

c) No historic data will be migrated from legacy system to Flexcube

d) Historic data from the legacy system will be migrated to different server and Flexcube will fetch the details from this server.
Topic 7: Extensibility Feature

Objectives

- Customize the database side
- Use FLEXCUBE RAD/MICON (Management and Integration Console Tool)
- Customize source maintenance in the version control system and deploy on top of the kernel and cluster sources

Level

Practitioner

Training Options

- Boot Camp
  - Oracle FLEXCUBE Universal Banking 11 Technical Boot Camp
- Online Training
  - Oracle FLEXCUBE Universal Banking 11 Technical Implementation Specialist

Sample Questions

- MICON (RAD) Tool is used for FLEXCUBE Screen design. Which all options are available in MICON Tool?
  a) Function Generation
  b) Notifications
  c) Data Extractor
  d) Screen Customizer
  e) Notification Triggers
Topic 8: Oracle FLEXCUBE Gateway server for Interface

Objectives

- Explain Outbound Integration Architecture
- Explain Inbound Integration Architecture
- Generate an ASCII file and upload
- Map Gateway objects for the core and training modules

Level

- Learner
- Practitioner

Training Options

- Boot Camp
  - Oracle FLEXCUBE Universal Banking 11 Technical Boot Camp

- Online Training
  - Oracle FLEXCUBE Universal Banking 11 Technical Implementation Specialist

Sample Questions:

- Which of the following algorithm is supported in Oracle FLEXCUBE generic interface?
  a) CSC -32 Algorithm
  b) Adler-32 Algorithm
  c) CRC -32 Algorithm
  d) DS -32 Algorithm
Topic 9: Reports

Objectives

- Gather requirements for reports
- Develop reports
- Use the OBIEE tool and universe to write reports
- Describe key database object/entities for key tables of core and modules

Level

- Practitioner
- Practitioner
- Practitioner
- Learner

Training Options

- Boot Camp
  - Oracle FLEXCUBE Universal Banking 11 Technical Boot Camp
- Online Training
  - Oracle FLEXCUBE Universal Banking 11 Technical Implementation Specialist

Sample Questions

- Repository metadata must pass a consistency check before you can make the repository available for queries. Which of the following types of messages does the consistency checker return?
  - a) Error
  - b) Warning
  - c) Override
  - d) Best practices
Topic 10: Interfaces

Objectives

- Gather requirements for interfaces
- Develop Interfaces

Level

- Practitioner

Training Options

- Boot Camp
  - Oracle FLEXCUBE Universal Banking 11 Technical Boot Camp

- Online Training
  - Oracle FLEXCUBE Universal Banking 11 Technical Implementation Specialist

Sample Questions

- Which is the language format used by the FCUBS Application Server layer for request/response messages from/to an external system?
  a) Java
  b) PDF
  c) XML
  d) HTML
Topic 11: Support Process

Objectives

- Use Implementation Support (i-assist portal)
- Use Global Support (i-support portal)

Level

Practitioner

Training Options

- Boot Camp
  - Oracle FLEXCUBE Universal Banking 11 Technical Boot Camp

- Online Training
  - Oracle FLEXCUBE Universal Banking 11 Technical Implementation Specialist

Sample Questions

- Which system is used to log FLEXCUBE production issues of Bank?
  - a) MICON
  - b) OBIEE
  - c) I-Support
  - d) I-Assist
  - e) VERCON
Topic 12: End of Day (EOD)

Objectives

| Explain the stages in Oracle FLEXCUBE End of Day operation | Learner |
| Perform End of Day Monitoring in Oracle FLEXCUBE | Practitioner |
| Set-up the Mandatory Program for the Branch in Oracle FLEXCUBE | Practitioner |
| Set-up 24*7 support for Interfaces using Tanking and UnTanking | Practitioner |
| Set-up Mandatory Reports for the Branch in FLEXCUBE | Practitioner |

Training Options

- Boot Camp
  - Oracle FLEXCUBE Universal Banking 11 Technical Boot Camp

- Online Training
  - Oracle FLEXCUBE Universal Banking 11 Technical Implementation Specialist

Sample Questions

- GL Balance sheet report is generated during the End of Day in FLEXCUBE. Which is the correct stage to generate the GL Balance sheet report from FLEXCUBE?
  
  a) End of Transaction Input  
  b) End of Financial Input  
  c) Post End of Transaction Input stage  
  d) Date Change  
  e) Beginning of Day
Topic 13: Process Workflow (BPEL)

Objectives

- Set-up the Process Workflow in Oracle FLEXCUBE  
  Practitioner
- Develop the Business Process Execution Language (BPEL) Integration with Oracle FLEXCUBE  
  Practitioner

Training Options

- Boot Camp
  - Oracle FLEXCUBE Universal Banking 11 Technical Boot Camp

- Online Training
  - Oracle FLEXCUBE Universal Banking 11 Technical Implementation Specialist

Sample Questions

FLEXCUBE supports process workflow definition. Which software is required to be deployed in Application Server to support the Process Workflow definition in FLEXCUBE Application?

A. Oracle 11g JDBC Thin Driver
B. Oracle Weblogic JMS
C. Oracle SOA suite
D. Oracle WebCache
E. Oracle Business Intelligence Publisher
Topic 14: Enterprize Limit and Collateral Management (ELCM)

Objectives

- Set-up the Enterprize Limit and Collateral Management (ELCM) Application
- Develop the ELCM Application integration with Oracle FLEXCUBE

Level

- Practitioner

Training Options

- Boot Camp
  - Oracle FLEXCUBE Universal Banking 11 Technical Boot Camp
- Online Training
  - Oracle FLEXCUBE Universal Banking 11 Technical Implementation Specialist

Sample Question

Which of the following statement/s is/are true with respect to ELCM Module in Oracle FLEXCUBE?

A. ELCM can work as an independent product
B. ELCM is Mandatory for all other modules in FLEXCUBE to work
C. Only one deployment with ELCM component is allowed per Domain
D. ELCM requires a separate database for its functionality.

1) A & B
2) B
3) A & C
4) A & D
Topic 15: Switch Gateway (ATM and POS)

Objectives

- Set-up the Switch Gateway
- Develop the Switch Gateway Interface with Oracle FLEXCUBE to support ATM and POS Interfaces
- Describe different transaction supports in the Gateway Switch
- Set-up the ATM/POS Simulator with Switch Gateway

Level

Practitioner
Learner

Training Options

- Boot Camp
  - Oracle FLEXCUBE Universal Banking 11 Technical Boot Camp

- Online Training
  - Oracle FLEXCUBE Universal Banking 11 Technical Implementation Specialist

Sample Question

To support ATM/POS interface with FLEXCUBE; FLEXSWITCH is used. Which of the following are the functionalities of the FlexSwitch?

A) To convert the ATM Switch Proprietary Format messages into ISO 8583 Format
B) To convert ISO8583 format into FC Gateway xML Messages
C) To convert Response XML back to ISO 8583 message format
D) To Convert Response XML back to Proprietary format messages which ATM Switch understand

1. A & B
2. A & C
3. A & D
4. B & C
5. B & D
Topic 16: Electronic Messaging System (EMS)

Objectives

- Set-up the Electronic Messaging System Application  
  Practitioner
- Develop the integration of the Electronic Messaging System Application with Swift Alliance Gateway, 
  Mail Server and Mobile SMS Notification  
  Practitioner
- Use message delivery type options in EMS  
  Practitioner
- Explain the Possible Duplicate Emission (PDE) check in SWIFT Messages  
  Learner

Training Options

- Boot Camp
  - Oracle FLEXCUBE Universal Banking 11 Technical Boot Camp
- Online Training
  - Oracle FLEXCUBE Universal Banking 11 Technical Implementation Specialist

Sample Question

Electronic Messaging System (EMS) is used to integrate FLEXCUBE with Swift Alliance. Which of the following options are correct w.r.t. EMS deployment?

A) FLEXCUBE Scheduler component of EMS Services polls the pre designated Directory and picks up the file from Ready Folder to WIP folder.

B) MDB Component of EMS Service will read the message queue and calls the database services for further processing of messages.

C) FLEXCUBE Scheduler of EMS Services can be used for reading the messages from the queue and making FLEXCUBE database calls.

D) MDB Component of EMS Services can be invoked directly by the External system and messages can be passed on directly to it and MDB can make JDBC calls to connect to FLEXCUBE database.

1. A & B
2. A & C
3. A, B & D
4. B & D
5. A & D
Topic 17: Performance Tuning

Objectives

- Describe the Tools and Techniques for Performance Tuning (Trace/TkProf/AWR/Explain Plan) - Learner
- Set-up the Data Purging in Oracle FLEXCUBE - Practitioner

Training Options

- Boot Camp
  - Oracle FLEXCUBE Universal Banking 11 Technical Boot Camp

- Online Training
  - Oracle FLEXCUBE Universal Banking 11 Technical Implementation Specialist

Sample Question

Which statement is True w.r.t. TKPROF command?
1. Generating the SQL Trace file
2. Formatting the Trace File Generated
3. Generate Export/ import Dump file
4. To format the .dmp file
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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