Objective & Audience

Objective
Help you prepare to take the Oracle Hyperion Data Relationship Management Essentials (1Z1-588) exam by providing pointers to resources that you can use in your preparation.

Targeted Audience

- Technical / Functional Consultants
- Strong foundation and expertise in implementing, configuring and designing the Oracle Hyperion Data Relationship Management 11.1.2 solution
- Participated in couple of Oracle Hyperion Data Relationship Management implementations
Exam Topics
Oracle Hyperion Data Relationship Management Essentials exam consists of twelve topics:

1. Implementation Scope and Risks
2. DRM Overview
3. Managing the Initial Data Load
4. Managing Properties and Property Categories
5. Alternate Hierarchies
6. Mappings
7. Managing Data Feeds
8. Versioning
9. Business Rules
10. Users
11. Workflow
12. API Integration

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.
Topic 1: Implementation Scope and Risks

Objectives

- Describe best practices for project scoping and establishing implementation timelines  
  Learner
- Describe common implementation risks  
  Learner
- Describe phasing implementations  
  Learner
- Describe implementation roles and responsibilities  
  Learner
- Evaluate common customer Issues  
  Practitioner
- Evaluate common customer strengths  
  Practitioner
- Describe testing and rollout best practices  
  Practitioner

Training Options

- OPN Boot Camp
  - Oracle Hyperion Data Relationship Management 11.1.2 Implementation Boot Camp
- OU Instructor Led Training
  - Oracle Hyperion Data Relationship Management 11.1.2 Administration
- OPN Competency Center
  - Oracle Hyperion Data Relationship Management 11.1.2 Implementation Specialist Guided Learning Path

Sample Question

Select the two options that will complete this sentence to make it a true statement:

"A customer who uses best practices in the master data management of relationships and hierarchies _____."

A. utilizes multiple points of maintenance for hierarchies and data relationships
B. synchs master data to reporting systems
C. utilizes a web-based solution for mastering relationships between customer contact information and customer order information
D. synchs master data to ERP systems
E. utilizes a solution that is not based on business user requirements
Topic 2: DRM Overview

Objectives

- Describe DRM key features
- Manage versions
- Manage hierarchies
- Manage nodes
- Use Property Queries
- Manage Exports / Reports
- Use Audit Data
- Describe user roles and responsibilities
- Describe the DRM Architecture

Level

- Learner

Training Options

- OPN Boot Camp
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- OU Instructor Led Training
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- OPN Competency Center
  - Oracle Hyperion Data Relationship Management 11.1.2 Implementation Specialist Guided Learning Path

Sample Question

- Select the valid filter that can be applied to narrow the transaction history results when searching the transaction history?

  A. Property Description
  B. Action Description
  C. Specific transaction ID
  D. From and/or To values
  E. Node Description
Topic 3: Managing the Initial Data Load

Objectives

- Perform structural reconciliation  
  level: Practitioner
- Manage naming collisions  
  level: Practitioner
- Manage duplicate nodes  
  level: Practitioner

Training Options

- **OPN Boot Camp**
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- **OU Instructor Led Training**
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- **OPN Competency Center**
  - Oracle Hyperion Data Relationship Management 11.1.2 Implementation Specialist Guided Learning Path
Topic 4: Managing Properties and Property Categories

Objectives

- Manage properties from upstream and downstream systems  
  Practitioner
- Manage similar properties  
  Practitioner
- Manage property defaults  
  Practitioner
- Manage calculated properties (derived, inherited, lookup)  
  Practitioner
- Manage property scoping  
  Practitioner
- Manage node types  
  Practitioner
- Manage property categories  
  Practitioner
- Define and load properties and structure  
  Practitioner

Training Options

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Guided Learning Path

Sample Question -

- Which special characters can cause issues when used in DRM metadata objects (e.g. property name)?
  
  A. -
  B. |
  C. &
  D. /
  E. \n  F. ~

- 2nd question located on next page
Sample Question

- Identify the true statements about designing properties for downstream systems.
  1. System names should not match property definition names
  2. Property definitions must have unique fully qualified names and labels across namespaces.
  3. List values can be used to control end-user updates.
  4. List values in property definitions should match accepted formats and values of downstream systems.
  5. Users should build similar validations that are required for your downstream system.

A. 1, 2, 4 only
B. 1, 2, 3, 4 only
C. 1, 3, 4 only
D. 3, 4, 5 only
E. 1, 2, 3, 4, 5
Objectives

- Define and build alternate hierarchies       Level: Learner
- Support differences or force consistency     Level: Practitioner
- Build alternate hierarchies from attributes and an export  Level: Practitioner

Training Options

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Sample Question

- Per the example: Market

  South
  Texas
  Houston
  Dallas
  Austin
  Louisiana
  Baton Rouge
  New Orleans

  North
  New York
  New York City
  Massachusetts
  Boston

  West
  California
  Los Angeles
  San Francisco

You maintain the Market hierarchy in DRM. A target system needs a mapping of Sales Managers to Sales Region (North, West, and South). Each Region will have a single Sales Manager. A Sales Manager will be responsible for only one Region. What is the best way to meet this requirement?

A. Create an alternate hierarchy in the Market dimension with Regions rolling up to Sales Manager
B. Create a local property called "Sales Manager" for the entity node and populate the assigned sales manager at the city nodes.
C. Create a global inheriting property called "Sales Manager" for the entity node and populate the assigned sales manager for the Market nodes.
D. Create a property category called "Region" for the Sales Manager node and populate the assigned region
E. Create a property called "Region" for the Sales Manager node and populate the assigned region
Topic 6: Mappings

Objectives

- Manage basic one-to-one or one-to-many mappings using properties
- Manage basic one-to-one or one-to-many mappings using hierarchies
- Manage complex many-to-many mappings

Level

- Learner
- Learner
- Practitioner

Training Options

- OPN Boot Camp
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Sample Question

- located on next page
Topic 6: Mappings

Sample Question

Per the example:

All Products
  100 (Colas, TBH Colas Product Family)
    100-10 (Cola, TBH Cola Classic)
    100-20 (Diet Cola, TBH The Original Diet Cola)
    100-30 (Cola Zero, TBH Cola Zero with Zero Calories)
  200 (Root Beers, Root Beers Product Family)
    200-10 (Root Beer, TBH Root Beer Classic)
    200-20 (Diet Root Beer, TBH The Original Diet Root Beer)
    200-30 (Root Beer Zero, TBH Root Beer Zero with Zero Calories)
  300 (Fruit Sodas, Fruitastic Sodas Product Family)
    300-10 (Strawberry, Strawberry Fruitastic)
    400-10 (Grape, Grape Fruitastic)

You need to build the Product hierarchy in your budgeting and forecasting system. Users will not plan at the SKU level but the product category level (e.g. Colas, Root Beer, etc.). Users will input into nodes that exist at the SKU level called “Colas Budget Input”, “Root Beer Budget Input”, etc. For every product category, a budget input node should be loaded to the budgeting and forecasting system. The resulting hierarchy in the budgeting system should look like the following:

All Products
  100 (Colas, TBH Colas Product Family)
    100-10 (Cola, TBH Cola Classic)
    100-20 (Diet Cola, TBH The Original Diet Cola)
    100-30 (Cola Zero, TBH Cola Zero with Zero Calories)
       100 Budget Input
  200 (Root Beers, Root Beers Product Family)
    200-10 (Root Beer, TBH Root Beer Classic)
    200-20 (Diet Root Beer, TBH The Original Diet Root Beer)
    200-30 (Root Beer Zero, TBH Root Beer Zero with Zero Calories)
       200 Budget Input
  300 (Fruit Sodas, Fruitastic Sodas Product Family)
    300-10 (Strawberry, Strawberry Fruitastic)
    400-10 (Grape, Grape Fruitastic)
       300 Budget Input

Identify the valid ways to meet this requirement in DRM.

A. Create an export that pulls the Product Category nodes. Modify the export output to add a new column with the node value that appends the “Budget Input” text to create a parent child format. Import and blend the new nodes into the DRM Product hierarchy.

B. Create an export that pulls the Product Category nodes. In the export, pull in the Name column twice and on the select “Name” column, append the “Budget Input” text creating a parent child type of export.

C. Create a derived property definition called “Budget Input”. Build derived logic to check if at the Product Category level in the hierarchy, populate the property with a concatenation of the name and “Budget Input”. Create a single export that pulls both the full hierarchy in parent child format and the Budget input property to create a complete hierarchy in parent – child format. Use the export output to build the Product hierarchy in the Budgeting and forecasting system.

D. Create a derived property definition called “Budget Input”. Build derived logic to check if at the Product Category level, populate the property with a concatenation of the name and “Budget Input”. Create an export book that combines a Hierarchy export for full Product hierarchy and a second export selecting the Name and Budget Input properties. Use the export output to build the Product hierarchy in the Budgeting and forecasting system.
Topic 7: Managing Data Feeds

Objectives

- Identify upstream and downstream systems
- Identify and analyze interfaces used
- Describe timing of feeds
- Describe file formats and restrictions
- Describe Imports, Action Scripts, Blender, and Exports
- Manage upstream data feed(s) and reconciliation
- Manage downstream data feed(s) and reconciliation
- Include skipping and padding levels in balance or recursive hierarchy feeds
- Manage multiple downstream systems of the same type
- Generate mapping tables for ETL processes for downstream systems
- Implement automated data feed(s)

Level

- Learner
- Practitioner

Training Options

- OPN Boot Camp
  - [Oracle Hyperion Data Relationship Management 11.1.2 Implementation Boot Camp](#)
- OU Instructor Led Training
  - [Oracle Hyperion Data Relationship Management 11.1.2 Administration](#)
- OPN Competency Center
  - [Oracle Hyperion Data Relationship Management 11.1.2 Implementation Specialist Guided Learning Path](#)
Topic 8: Versioning

Objectives

- Manage version composition  
  Level: Learner
- Manage version timings  
  Level: Learner
- Manage usage of version status  
  Level: Learner
- Manage synch methodology for what/if and planning versions  
  Level: Practitioner

Training Options

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    Guided Learning Path
Topic 9: Business Rules

Objectives

<table>
<thead>
<tr>
<th>Level</th>
<th>Learner</th>
</tr>
</thead>
<tbody>
<tr>
<td>Describe</td>
<td>Practitioner</td>
</tr>
<tr>
<td>Manage business rules for downstream systems</td>
<td>Practitioner</td>
</tr>
<tr>
<td>Manage business rules for client processes</td>
<td>Practitioner</td>
</tr>
<tr>
<td>Manage business rules to address system issues</td>
<td>Practitioner</td>
</tr>
</tbody>
</table>

Training Options

- **OPN Boot Camp**
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Sample Question

During the analysis and design work for a DRM implementation project, several business rules were identified. After discussion and consideration, the project team determined that validations were required to enforce these business rules when users maintain nodes and hierarchies.

Identify the true statement about the DRM validations feature that will support the enforcement of business rules for end users during data entry.

A. Validations may be run in batch by an end user.

B. Only a DRM administrator can assign validations to version and hierarchies.

C. Null values are returned when multiple validations are assigned at the same time.

**D. All hierarchies and nodes of a version inherit the validations assigned to that version.**

E. Nodes within a hierarchy do not inherit the validations assigned to the hierarchy.
Topic 10: Users

Objectives

- Manage users and assign roles
- Manage node access groups and property categories
- Manage node access for users
- Setup anonymous access

Level

Learner

Training Options

- OPN Boot Camp
  - Oracle Hyperion Data Relationship Management 11.1.2 Implementation Boot Camp
- OU Instructor Led Training
  - Oracle Hyperion Data Relationship Management 11.1.2 Administration
- OPN Competency Center
  - Oracle Hyperion Data Relationship Management 11.1.2 Implementation Specialist

Guided Learning Path

Sample Question

- What functions can be performed by the Data Creator role?
  1. Manage all versions
  2. Create versions
  3. Manage user queries
  4. Manage standard queries
  5. Create Users

A. 1, 2 only
B. 2, 3 only
C. 3, 4 only
D. 4, 5 only
E. 1, 3, 4 only
F. 2, 3, 4 only
Topic 11: Workflow

Objectives

• Evaluate if workflow is needed and determine workflow requirements
• Integrate workflow through the request API

Level

Learner

Practitioner

Training Options

• OPN Boot Camp
  – Oracle Hyperion Data Relationship Management 11.1.2 Implementation Boot Camp
• OU Instructor Led Training
  – Oracle Hyperion Data Relationship Management 11.1.2 Administration
• OPN Competency Center
  – Oracle Hyperion Data Relationship Management 11.1.2 Implementation Specialist

Guided Learning Path

Sample Question

• Identify the true statements about Workflow in DRM.
  1. Workflow is exposed through the API.
  2. Change requests are validated against a version and committed to the draft version.
  3. Change requests are stored in a draft state for approval.
  4. Change requests pending approval cannot be changed until the change has been approved.
  5. Change requests are committed to a global level once the request is submitted.

A. 1, 2 only
B. 1, 3 only
C. 1, 2, 3 only
D. 1, 2, 4 only
E. 1, 3, 4, 5 only
F. 1, 2, 3, 4, 5
Topic 12: API Integration

Objectives

- Evaluate API integration requirements
- Integrate through the public API

Level

- Learner
- Practitioner

Training Options

- OPN Boot Camp
  - Oracle Hyperion Data Relationship Management 11.1.2 Implementation Boot Camp
- OU Instructor Led Training
  - Oracle Hyperion Data Relationship Management 11.1.2 Administration
- OPN Competency Center
  - Oracle Hyperion Data Relationship Management 11.1.2 Implementation Specialist
    Guided Learning Path

Sample Question

- Identify the three true statements about implementing the DRM API.
  A. SOAP based web service that requires a SOAP header for each web service call
  B. Deployed to Websphere Application Server as a J2EE web application
  C. Web service communicates with DRM server via the API adapter
  D. Depends on the Oracle Identity Manager for policy management and security of infrastructure
  E. You must attach all three policies when making calls to the DRM Web Service
    wssll_saml_token_with_message_protection_client_policy
    wssll_username_token_with_message_protection_client_policy
    wss_username_token_service_policy
  F. You must pass the server URL and session parameters for ProductVersion, CultureName, and TimeZoneOffset in the SOAP header
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.