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# 1Z0-448

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**Oracle Data Integrator 12c Essentials**  
Exam Summary – Syllabus – Questions



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# Introduction to 1Z0-448 Exam on Oracle Data Integrator 12c Essentials

You can use this exam guide to collect all the information about Oracle Data Integrator 12c Essentials (1Z0-448) certification. The Oracle 1Z0-448 certification is mainly targeted to those candidates who has some experience or exposure of Data Integration and want to flourish their career with Oracle Data Integrator 12c Certified Implementation Specialist (OCS) credential. The Oracle Data Integrator 12c Essentials certification exam validates your understanding of the Data Integration technology and sets the stage for your future progression. Your preparation plan for Oracle 1Z0-448 Certification exam should include hands-on practice or on-the-job experience performing the tasks described in following Certification Exam Topics table.

## Oracle 1Z0-448 Certification Details:

Exam Name	Oracle Data Integrator 12c Essentials
Exam Code	1Z0-448
Exam Product Version	Data Integrator (ODI)
Exam Price	USD \$245 (Pricing may vary by country or by localized currency)
Duration	120 minutes
Number of Questions	79
Passing Score	71%
Validated Against	This exam is validated against Oracle Data Integrator 12c.
Format	Multiple Choice
Schedule Exam	<a href="#">Pearson VUE - Oracle</a>
Recommended Practice	<a href="#">1Z0-448 Online Practice Exam</a>

## Oracle 1Z0-448 Exam Syllabus:

Introduction to Oracle Data Integrator (ODI)	- Describe the benefits of ODI and its typical use cases - Describe the ODI components and their uses
Architecture Overview	- Describe ODI Architecture

	<ul style="list-style-type: none"> <li>- Install and configure the physical and logical architecture</li> <li>- Explain Fusion Middleware Components including Upgrade Assistant, Repository Creation Utility, and Java Enterprise Edition (JEE) Components</li> <li>- Explain the differences between the different ODI Agent types</li> </ul>
ODI Models and Datastores	<ul style="list-style-type: none"> <li>- Create ODI datastores</li> <li>- Create and organize ODI models</li> <li>- Use reverse engineering metadata</li> <li>- Explain ODI constraints</li> <li>- Configure auditing</li> </ul>
Project Development	<ul style="list-style-type: none"> <li>- Create a project within ODI</li> <li>- Explain an ODI mapping</li> <li>- Describe the concepts of expressions, components as well as the concepts of staging area and execution location</li> <li>- Use mapping components and expressions</li> <li>- Configure the physical design of a mapping (knowledge modules, staging area and execution location)</li> <li>- Create and execute an ODI mapping</li> <li>- Modify and develop knowledge modules</li> <li>- Describe run time</li> <li>- Monitor the execution of interfaces</li> <li>- Troubleshoot and prevent run-time errors in mappings</li> <li>- Describe the use of reusable Mappings</li> </ul>
Managing Execution	<ul style="list-style-type: none"> <li>- Use ODI packages to create a complete workflow</li> <li>- Use variables in packages (refresh, startup parameters).</li> <li>- Create package steps of different types</li> <li>- Execute and monitor a package</li> <li>- Use complex workflows in ODI packages, including branches and loops</li> <li>- Design a sequence of hierarchical steps in a load plan</li> <li>- Compare packages and load plans</li> <li>- Manage exceptions with load plans</li> <li>- Configure load plans to restart child sessions</li> </ul>
Integrating OGG with ODI	<ul style="list-style-type: none"> <li>- Describe the purpose of Changed Data Capture (CDC) with ODI</li> <li>- Explain ODI CDC with GoldenGate - this is learner level...please update</li> <li>- Perform ODI journalizing</li> <li>- Interpret and troubleshoot the results of CDC</li> </ul>
Doing more with ODI	<ul style="list-style-type: none"> <li>- Configure the ODI Software Development Kit (SDK)</li> <li>- Install the Web-based components of ODI</li> <li>- Explain how ODI is used with Big Data technologies</li> </ul>

## 1Z0-448 Sample Questions:

**01. A Mapping that uses CDC does not load any source data and you want to check the SNP\_CDC\_SET table to find out the current window ID. In which database schema must you look to find this table? (Choose the best answer.)**

- a) the schema hosting the Work repository
- b) the schema hosting the Work schema of the default schema defined for your source data server
- c) the schema hosting the Staging Area
- d) SYS

**02. How do you reuse a configuration of Odi Send Mail across multiple packages? (Choose the best answer.)**

- a) Add a sub-model to a package, set the Sub-model step to Journalizing Sub-model, and select the Extend Window and Lock Subscriber check boxes.
- b) Add an Odi Send Mail step to a knowledge module.
- c) Duplicate the Odi Send Mail step into multiple packages.
- d) Create a procedure with a step that uses Odi Send Mail and add this procedure into multiple packages.

**03. Identify two constraints that can be used to ensure uniqueness in ODI. (Choose two.)**

- a) conditions
- b) foreign keys
- c) primary keys
- d) alternate keys
- e) not null

**04. The source and target data stores are located on the same data server. Which statement is correct about the need for a Loading Knowledge Module to load the data on the target? (Choose the best answer.)**

- a) Only an Integration KnowledgeModule single-technology is required.
- b) Only an Integration Knowledge Module multitechnology is required.
- c) A loading Knowledge Module multitechnology and an Integration Knowledge Module single-technology are required.
- d) Both a Loading Knowledge Module multitechnology and an Integration Knowledge Module multitechnology are required.

**05. Which statement is correct about choosing the join order in an ODI Mapping when defining a join? (Choose the best answer.)**

- a) This option is inherited from reverse engineering.
- b) This option is always available.
- c) You can never make this choice.
- d) This option may be available only if the underlying technology supports it.

**06. You are a project developer using ODI and want to consolidate your own local metadata repositories. Identify the true statement. (Choose the best answer.)**

- a) You must consolidate your own local metadata repositories. The local metadata must be transmitted via ftp and synchronized with a dedicated proprietary engine, creating a common metadata model for all the developers.

- b) You must consolidate your own local metadata repositories. You have to invoke a dedicated web service to synchronize the metadata by using Oracle Service Bus.
- c) You need not consolidate your own local metadata repositories, because the ODI proprietary metadata server allows all developers to share the common metadata of a specific project.
- d) You need not consolidate your own local metadata repositories, because ODI uses a centralized relational metadata repository that all the developers share.

**07. You are using a customized reverse knowledge module. You want the execution to be performed in only the development data environment. Which statement is true? (Choose the best answer.)**

- a) The execution should be done only on the development data environment, as long as the other environment is a mirrored copy.
- b) Only the production environment can be used.
- c) All environments linked to a logical schema can be used to reverse-engineer table structures.
- d) Only a Java engine intermediate environment can be processed.

**08. You must monitor and manage a co-located stand-alone agent, Oracle DI Agent1, by using the ODI plug-in for Enterprise Manager CloudControl. Which is the correct command to start this agent on Linux? (Choose the best answer.)**

- a) ./agent.sh -NAME=OracleDIAgent1 -PORT=20910
- b) ./agent.sh -NAME=OracleDIAgent1
- c) ./startComponent.sh OracleDIAgent1
- d) ./startComponent.sh OracleDIAgent1 -PORT=20910

**09. You need to create a package that automatically sends an alert to users in case the third step fails. Which option represents the steps to accomplish this? (Choose the best answer.)**

- a) Add anOdiSendMailstep to My Package and link the My Third Package step to it by using a green OK arrow.
- b) Add anOdiSendMailstep to My Package and link the My Last Package step to it by using a red KO arrow.
- c) Add anOdiReadMailstep to My Package and link the My Third Package step to it by using a red KO arrow.
- d) Add anOdiSendMailstep to My Package and link the My Third Package step to it by using a red KO arrow.

**10. You need to deploy ODI JEE Components on WebLogic Server. Where should you deploy them? (Choose the best answer.)**

- a) on the Coherence Server
- b) on the Administration Server
- c) on the Node Manager
- d) on the Managed Server

## Answers to 1Z0-448 Exam Questions:

QUESTION: 01 Answer: b	QUESTION: 02 Answer: d	QUESTION: 03 Answer: c, d	QUESTION: 04 Answer: c	QUESTION: 05 Answer: b
QUESTION: 06 Answer: d	QUESTION: 07 Answer: c	QUESTION: 08 Answer: a	QUESTION: 09 Answer: d	QUESTION: 10 Answer: d

Note: If you find any typo or data entry error in these sample questions, we request you to update us by commenting on this page or write an email on [feedback@oraclestudy.com](mailto:feedback@oraclestudy.com)