



1Z0-434

Oracle SOA Suite 12c Essentials
Exam Summary – Syllabus – Questions



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Introduction to 1Z0-434 Exam on Oracle SOA Suite 12c Essentials

You can use this exam guide to collect all the information about Oracle SOA Suite 12c Essentials (1Z0-434) certification. The Oracle 1Z0-434 certification is mainly targeted to those candidates who has some experience or exposure of SOA Suite and want to flourish their career with Oracle SOA Suite 12c Certified Implementation Specialist (OCS) credential. The Oracle SOA Suite 12c Essentials certification exam validates your understanding of the SOA Suite technology and sets the stage for your future progression. Your preparation plan for Oracle 1Z0-434 Certification exam should include hands-on practice or on-the-job experience performing the tasks described in following Certification Exam Topics table.

Oracle 1Z0-434 Certification Details:

Exam Name	Oracle SOA Suite 12c Essentials
Exam Code	1Z0-434
Exam Product Version	SOA Suite
Exam Price	USD \$245 (Pricing may vary by country or by localized currency)
Duration	120 minutes
Number of Questions	78
Passing Score	73%
Validated Against	Exam has been validated against Oracle SOA Suite 12.1.3 release.
Format	Multiple Choice
Recommended Training	Oracle SOA Suite 12c: Build Composite Applications Oracle SOA Suite 12c: Essential Concepts
Schedule Exam	Pearson VUE - Oracle
Recommended Practice	1Z0-434 Online Practice Exam

Oracle 1Z0-434 Exam Syllabus:

Fundamentals	<ul style="list-style-type: none"> - Explain basic SOA concepts and how they map to implementations - Describe the components and architecture of SOA Suite - Describe SOA Suite's role in cloud integration and mobile applications - Use the right components to implement common integration patterns - Analyze XPath expressions to retrieve elements in an XML document - Describe Oracle's SOA governance capabilities - Describe how B2B capabilities enable trading partner relationships - Describe the main features of the Enterprise Scheduler Service (ESS)
BPEL Modeling	<ul style="list-style-type: none"> - Use the BPEL Editor to create synchronous and asynchronous processes - Use WSDL partner link types and BPEL partner link elements to interact with services - Use the assign activity to manipulate data in BPEL variables - Model conditional branching, looping, and parallel processing - Implement exception handling, compensating transactions and correlation - Create and configure BPEL and composite sensors - Use the BPEL Debugger
Adapters	<ul style="list-style-type: none"> - Describe the role adapters play in a SOA composite application - Describe the adapter architecture - Use the file, database, and JMS adapters - Configure adapters at design-time and run-time - Describe cloud-related adapters
Business Rules	<ul style="list-style-type: none"> - Create if/then rules with Rules Designer - Create decision table rules with Rules Designer - Integrate a rule into a BPEL process - Describe how rules are used with mediator and human task components
Human Task Services	<ul style="list-style-type: none"> - Design a human task - Invoke a human task from a BPEL process - Generate Application Development Framework (ADF) task forms for human tasks - Interact with the Worklist application to act on tasks
Service Mediation	<ul style="list-style-type: none"> - Differentiate between when to use Mediator and Service Bus - Explain the role of Service Bus and the benefits it provides - Create and configure Service Bus proxies, pipelines, and business services - Use throttling, endpoint management, and caching to scale business services in Service Bus - Configure a service as RESTful and access it using the REST approach

Event Processing	<ul style="list-style-type: none"> - Explain event-driven architecture and the support provided by Event Delivery Network (EDN) - Use components to publish and consume events - Explain Complex Event Processing (CEP) and how it is supported by Oracle Event Processing (OEP) - Explain Event Processing Network (EPN) and how it relates to OEP - Explain how various OEP CQL data cartridges enhance the capabilities of the CQL engine
Business Activity Monitoring (BAM)	<ul style="list-style-type: none"> - Describe the role of BAM - Use activity monitors, counters, business indicators and interval monitoring objects - Create alert rules to launch alerts - Build an executive dashboard
Securing Services	<ul style="list-style-type: none"> - Describe the role and features of Oracle Web Service Manager (OWSM) - Describe identity propagation - Attach security policies to end points at design-time and run-time
Deployment and Troubleshooting	<ul style="list-style-type: none"> - Deploy and undeploy components to SOA Suite - Discuss the role Maven and Hudson play - Create test cases to initiate inbound messages and to emulate outbound, fault and callback messages - Monitor components deployed to SOA Suite - Describe how SOA Suite applications scale to large-scale production - Troubleshoot a deployed SOA Suite application
Installation and Configuration	<ul style="list-style-type: none"> - Install and configure SOA Suite - Upgrade a production application from SOA Suite 11g - Install and configure Oracle Event Processing (OEP)

1Z0-434 Sample Questions:

01. A company wants to use Oracle SOA Suite to support a zero message loss system. Which three Oracle Adapters can the company use?

- a) JMS Adapter
- b) Database Adapter
- c) EJB Adapter
- d) File/FTP Adapter
- e) Socket Adapter

02. After a successful web application login, an Oracle Access Manager (OAM) token is made available to Oracle WebLogic Server (WLS) where the token is asserted for authentication purposes.

The resulting Java Authentication and Authorization Service (JAAS) subject is then made available to the Oracle Web Service Manager (OWSM) agent where it is used to create a Security Assertion Markup Language (SAML). Which security feature does this scenario illustrate?

- a) identity propagation
- b) single sign-on
- c) user authorization
- d) non-repudiation

03. As an Oracle SOA Suite composite moves through the software development life cycle, certain environment-specific changes must be made to the composite configuration from deployment to deployment. Which feature can help you capture and effect these changes?

- a) Configuration Plans
- b) Deployment Plans
- c) Domain Value Maps
- d) Property Files

04. EPN is the internal structure of an OEP application and is displayed as a top-down hierarchy in a graphical editor. Which two statements are correct about the Event Processing Network (EPN) in Oracle Event Processing (OEP)?

- a) EPN is the internal structure of an OEP application and is displayed as a top-down hierarchy in a graphical editor.
- b) EPN defines an OEP application and is built using the EPN Editor in JDeveloper.
- c) EPN is an interconnection of adapters, channels, event beans, and CQL processors that make up an OEP application.
- d) EPN is a part of the Event Delivery Network (EDN) facility that supports eventdriven architecture for SOA Suite.
- e) Every event that arrives at the OEP server creates a new instance of an EPN.

05. In a BPEL model, what is the quickest way to implement a capability to skip rule execution if a particular condition holds?

- a) Model a switch activity to conditionally execute the business rule component.
- b) Use a skip condition on the business rule component.
- c) Include an XPath expression in an annotation on the business rule component.
- d) Use a correlation set on the business rule component.

06. To avoid the purchase of new server capacity, a company must limit the volume of messages routed to a computationally expensive RESTful service operation. Which Oracle SOA Suite component can help the company meet this requirement?

- a) BPEL process
- b) Mediator
- c) Proxy Service
- d) Business Service

07. What two architectural factors most heavily influence the interoperability of the Oracle Adapters with Oracle Service Bus (OSB) and Oracle SOA Suite?

- a) Oracle Adapters are based on the Java EE Connector Architecture (JCA) 1.5 specification.

- b) Oracle Adapters use native APIs to connect to the supported back-end applications.
- c) Oracle Adapters are deployed to the same Oracle WebLogic Servers as Oracle Fusion Middleware.
- d) Use of Oracle Adapters Extended Architecture (XA) features is completely optional.

08. Which statement accurately describes how to use SOA Suite to create a REST interface for a provider application that does not support REST?

- a) Oracle Service Bus must be used. An HTTP proxy service is created and a pipeline is added with a conditional branch for each HTTP verb that the interface will serve. If there is any non-XML payload, such as JSON, an external parser service must be used to translate it to XML.
- b) Use Oracle Service Bus or BPEL Process Manager and utilize the REST binding that is available for both. The REST binding will automatically translate a REST payload from JSON or XML to SOAP/XML for processing in the middleware layer.
- c) Use a BPEL process with a REST binding and utilize the nXSD activity to translate the native JSON payload to XML for processing.
- d) Use the HTTP transport in Oracle Service Bus for the REST interaction and use nXSD to translate the JSON payload to XML for processing.

09. Which two are correct statements about the Oracle Cloud Adapter for Salesforce.com?

- a) It uses either HTTP basic authentication or username token authentication to perform secure interaction with Salesforce.com.
- b) It can make both synchronous and asynchronous calls through the Salesforce.com SOAP API.
- c) Behind the scenes, it uses the SOAP API provided by Salesforce.com.
- d) The design-time tooling generates a WSDL that is different from the enterprise WSDL available from Salesforce.com.

10. You are planning to upgrade a SOA suite production environment from 11g to 12c and are evaluating the required steps in the upgrade process. Identify the two statements that accurately describe that process.

- a) Composites must be redeployed after the upgrade process.
- b) It is recommended to purge as many nonessential instances in the dehydration store as possible before the upgrade.
- c) BAM dashboards and alerts will be migrated automatically.
- d) Long-running instances will resume after the upgrade process has completed.

Answers to 1Z0-434 Exam Questions:

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

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