Oracle Service Bus 12c: Design and Integrate Services

CODICE	DURATA	PREZZO	LINGUA	MODALITÀ
D88521GC10	4 Giorni	2.300,00€ (iva escl.)	Italiano	Virtual Classroom Corso in aula

SCHEDULAZIONE

- A Richiesta

PREREQUISITI

Working knowledge of messaging, web service and SOA

Audience

Application Developers

SOA Architect

System Integrator

OBIETTIVI

Implement message validation, routing, transformation and enrichment

Integrate services with legacy systems

Provide reliable delivery of messages between applications

Use Oracle Service Bus and OWSM to secure services

Test, debug, and troubleshoot Oracle Service Bus applications

List Oracle Service Bus capabilities

Enable service level abstraction

Describe Oracle Service Bus architecture and functional layers

Expose a SOAP service as a REST service

CONTENUTI

Introducing Oracle Service Bus

About Enterprise Service Bus

Introducing Oracle Service Bus

About Oracle Service Bus and Oracle SOA Suite

Describing Service Bus installation and configuration options

Getting Started with Service Bus Applications
Explaining basics of WSDL and XSD
Discussing Service Bus components
Creating a simple Service Bus application
Discussing features for developers
Basics of Message Flow
Discussing message flow
About context variables
About pipeline templates
Explaining debugging
Validating Messages and Error Handling
Explaining message validation
Discussing fault handling
Discussing reporting
Transforming Messages
Overview of message transformation in Service Bus
About XPath functions
Using XSLT Mapper to create XSL transformations
Using XQuery Mapper to create XQuery transformations
Transforming non-XML to XML with nXSD
Routing Messages
Oveview of message routing
About content-based routing
About dynamic routing
Enriching Messages
Discussing message enrichment use cases
Explaining enrichment using Service Callout
Describing enrichment using Java Callout
Processing Messages with Concurrent Calls
Introducing split-join
About split-join patterns
About split-join constructions
Implementing a split-join
Adapters and Transports
About JCA transport and adapters
Discussing SOA-DIRECT transport
Exposing SOAP-based services as REST services using the REST binding
Reliable Messaging
Discussing reliable messaging support in Service Bus
About quality of service
Discussing configurations for reliable communication
Service Bus Security

About security concepts
Discussing Oracle WSM security
About access control policies
Advanced Topics
Discussing principles and best practices of using Service Bus
About service result caching and SLA alerts
Integrating with MFT
About message re-sequencing

Describing continuous integration with Maven

Description:

This Oracle Service Bus 12c: Design and Integrate Services training takes a use case driven approach to explain the OSB capabilities of connecting, mediating and coordinating the interaction between different applications and services across a variety of platforms, protocols, and interface technologies. Expert Oracle University instructors discuss OSB as a common infrastructure in support of a broad scale SOA initiative.

Learn To:

Use Oracle Service Bus 12c to make services interact in a decouple manner.
Implement enterprise-quality message flows with Service Bus 12c.
Implement message validation, routing, transformation and enrichment.
Integrate services with legacy systems.
Enable service level abstraction.

Benefits to You

Taking this course will teach you how to use Oracle Service Bus 12c to make services interact in a decouple manner - overcoming the challenges of location transparency, transport protocol mediation, message validation, message routing, message transformation, message enhancement and security in an integration project. Oracle Service Bus can help your enterprise integration without having to write your own integration logic for every application.

Prezzi e corsi potrebbero subire variazioni; si consiglia di verificare sul sito www.novanext.it/training.