Oracle Service Bus 11g: System Administration

CODICE	DURATA	PREZZO	LINGUA	MODALITÀ
D68260GC10	3 Giorni	1.800,00€ (iva escl.)	Italiano	Virtual Classroom Corso in aula

SCHEDULAZIONE

- A Richiesta

PREREQUISITI

Prerequisiti suggeriti :

- Oracle WebLogic Server 11g: Administration Essentials

Recommended Related Training Courses:

- XML Fundamentals

- Oracle Service Bus 11g: Design & Integrate Services

- Oracle SOA Suite 11g: Administration

- Developing Web Services Using Java Technology

- SOA Adoption and Architecture Fundamentals NEW

Il corso è consigliato per:

- Amministratori di Sistema

OBIETTIVI

- Migrate an OSB configuration from staging to production environments

- Automate OSB tasks using WLST scripts

- Monitor service bus health and SLAs

- Install OSB 11g and initialize a domain and database support

- Define service level agreements that trigger alerts

- Configure transport and message-based security policies

CONTENUTI

Oracle Service Bus enables the integration of services that support a variety of different protocols, security policies, and service level agreements.

In this course, you learn how to install and configure OSB 11g, and also gain hands-on experience in administrating its different components by using the Service Bus Console, WebLogic Scripting Tool (WLST), and WebLogic Server Administration console.

It also covers the management, monitoring, securing, and high availibility of services hosted through Oracle Service Bus 11g.

Learn To:

- Install and configure the OSB 11g product

- Manage service bus

- Implement Oracle Web Services Manager security in securing OSB services

- Monitor service bus

- Implement service bus high availability

- Tune the performance of the OSB runtime and also incorporate service lifecycle governance

Course Topics:

Getting Started with OSB
Oracle Service Bus and SOA
OSB 11g Product Architecture
Describing the Functional Layers of Oracle Service Bus
OSB and Oracle Fusion Middleware 11g

Installing Oracle Service Bus 11g

Installing the Product

Incorporating Different OSB Domain Topology

Configuring an OSB Domain

Service Bus Administration Tools

Working with the OSB Administration Console

Accessing the OSB Test Console

Service Bus Management

Working with OSB Session

Propagating a Service Bus Configuration

Customizing a Service Bus Configuration

Managing OSB Using WLST

Reporting and Monitoring

Service Bus Monitoring

Service Bus Operational Settings

Working with SLA Alerts

OSB Reporting Architecture

Service Bus Security

OSB and Oracle Web Services Manager Security

Configuring the OSB Security Environment

Securing a Proxy Service by Using OWSM policies

Propagating Identity from OSB to Secured Web Service

Service Bus High Availability

OSB High Availability Architecture

Creating an OSB Cluster

Service Endpoint Scalability

Load Balancing Services Endpoint

Service Bus Performance Tuning

Factors Affecting OSB Performance

Partitioning OSB Deployments into Multiple OSB Domains

Tuning an OSB Instance

Service Result Caching with Coherence

Throttling and Service Pooling

Configuring Enterprise Repository and Service Registry

Service Lifecycle Implementation by Using OER-OSR

Ways to Populate OER from OSB
Service Registry Integration Scenarios
Import Business Services

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