

The Oracle User Messaging Service



Objectives

After completing this lesson, you should be able to:

- Explain how UMS is used by Oracle SOA Suite 12c
- Configure UMS message channels and drivers

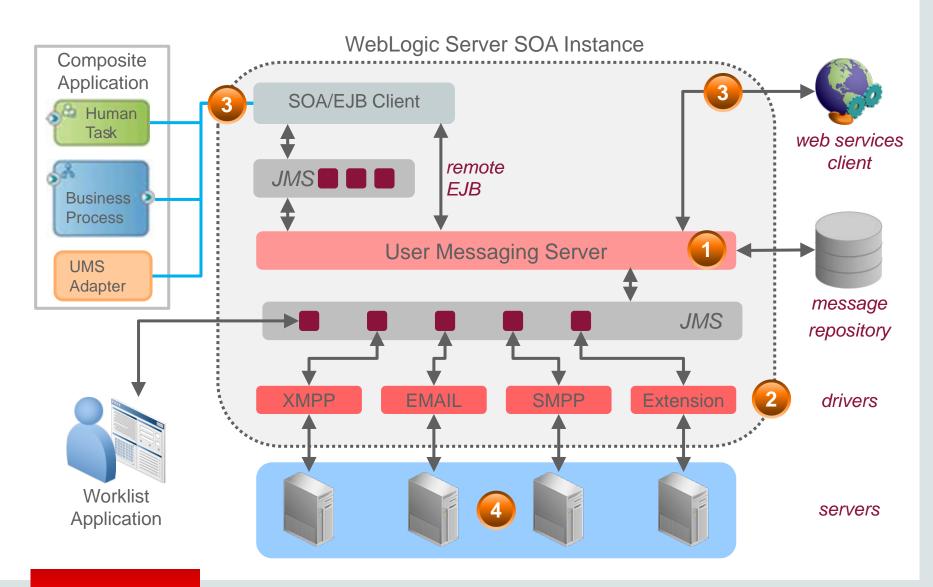


Agenda

- Introduction to UMS
- Configuring UMS

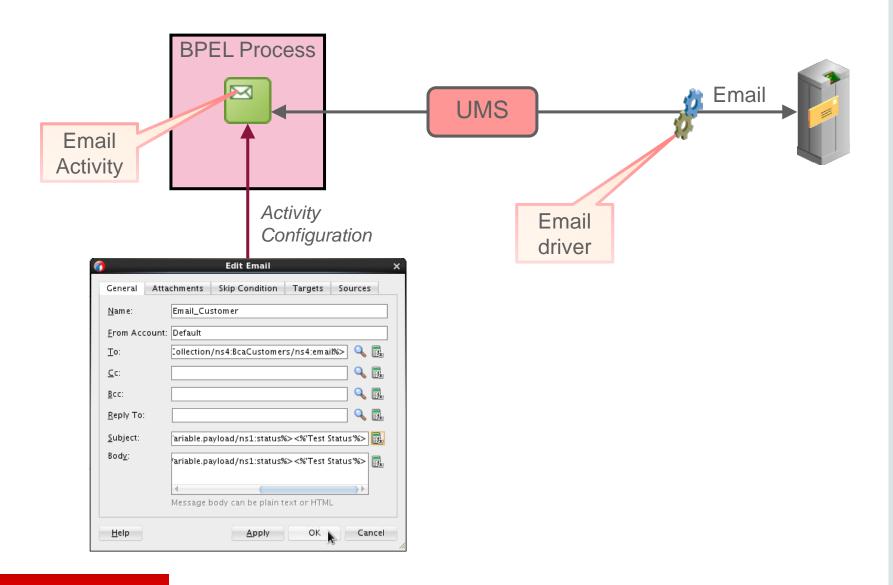


Introducing Oracle User Messaging Service



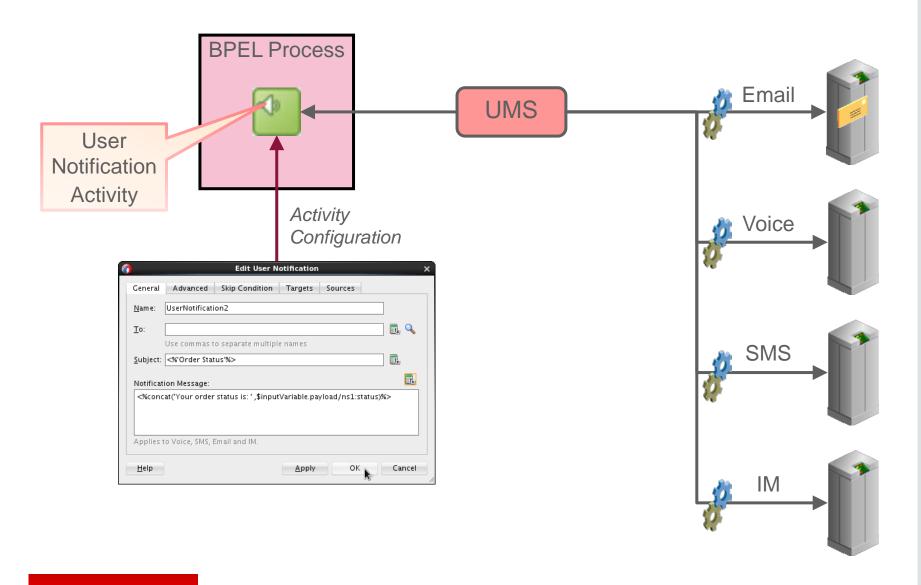


BPEL: Email Activity

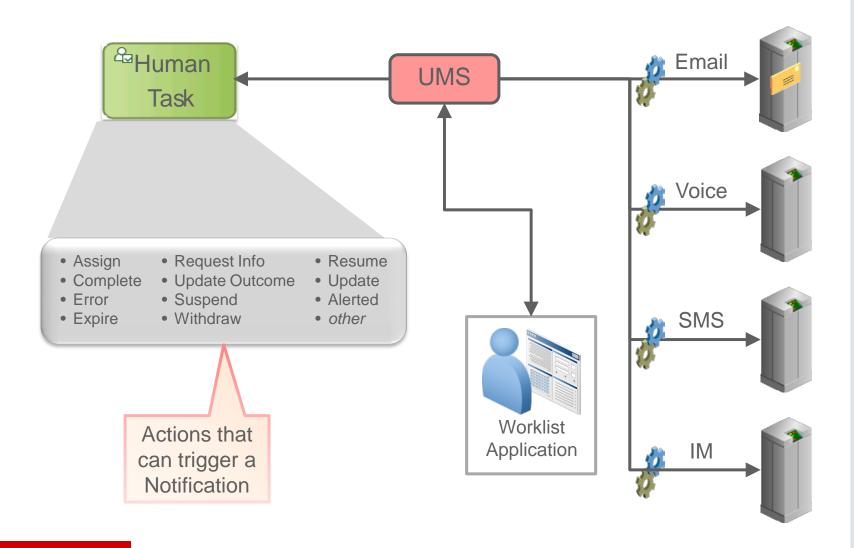




BPEL: User Notification Activity



User Notifications and Human Tasks



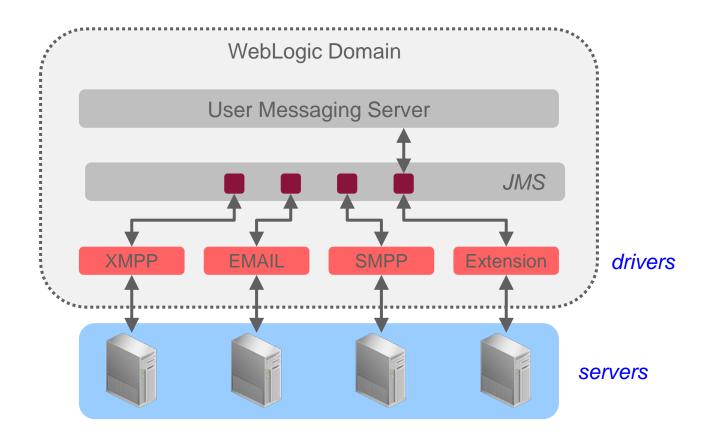


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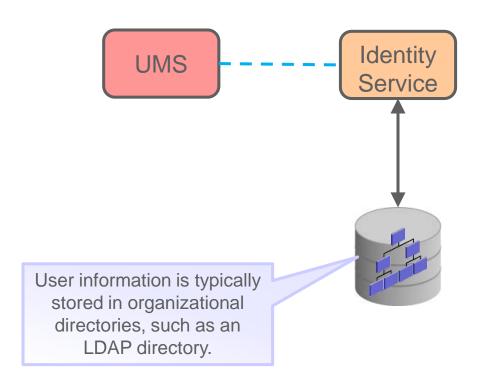


UMS Message Channels and Drivers





Relationship Between UMS and an Identity Service

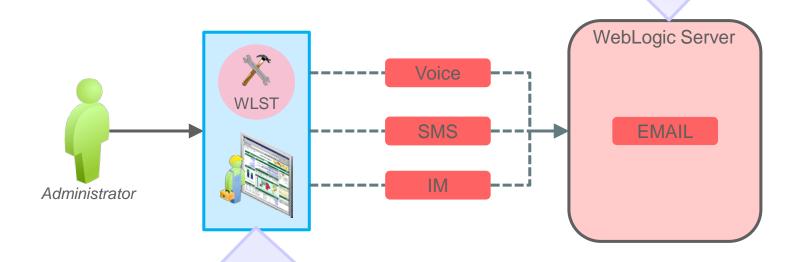


The Identity Service is responsible for:

- Authentication
- Authorization
- People resolution

Deploying Drivers

By default, the email driver is already deployed to WebLogic Server.

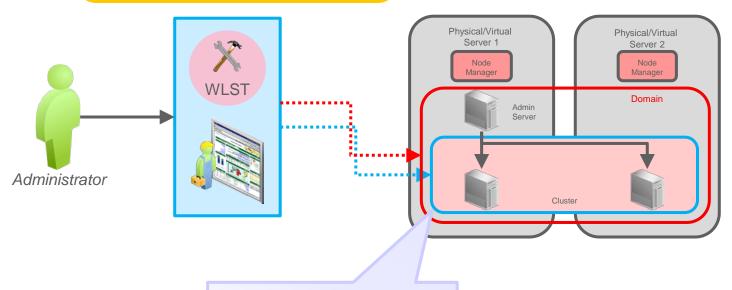


To deploy the others, you can deploy the drivers when creating or extending the domain by using the Oracle Fusion Middleware Configuration Wizard. You can also deploy additional drivers by using WLST commands (recommended), Admin Console, or Oracle Enterprise Manager.



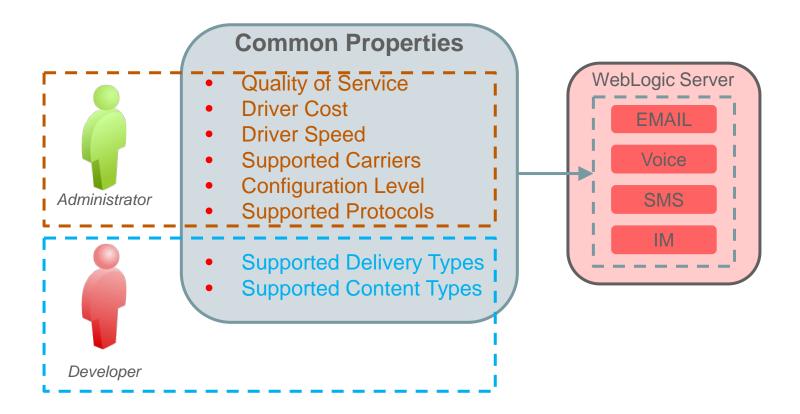
Configuring UMS and UMS Drivers

The server and drivers can be configured by using WLST or Enterprise Manager.



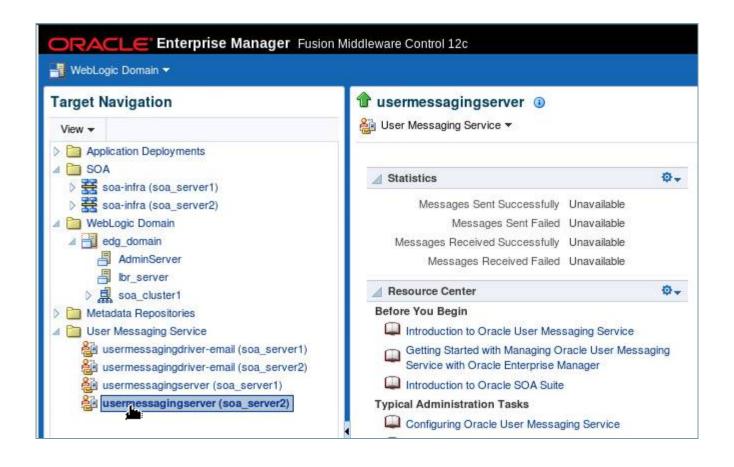
Configuration can be defined at the domain level or at the cluster level.

Common Driver Properties



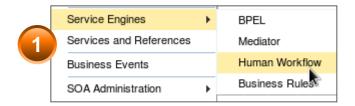


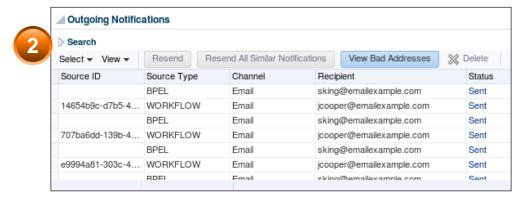
Monitoring Oracle User Messaging Service





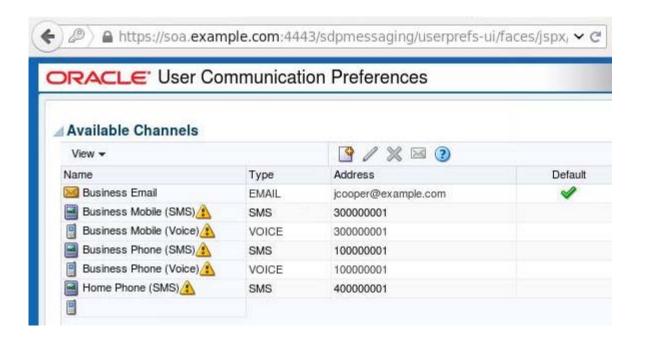
Viewing and Testing Email Notifications







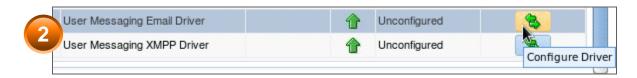
Configuring User Preferences

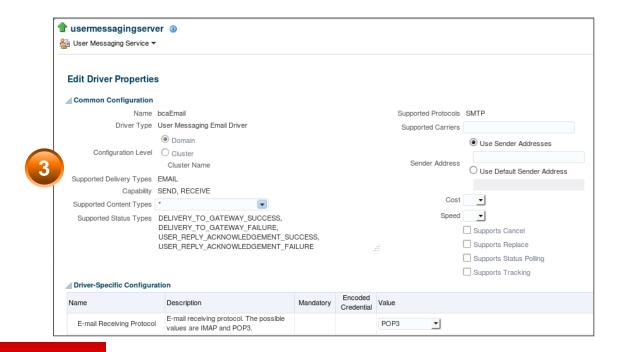




Workflow Notification Properties

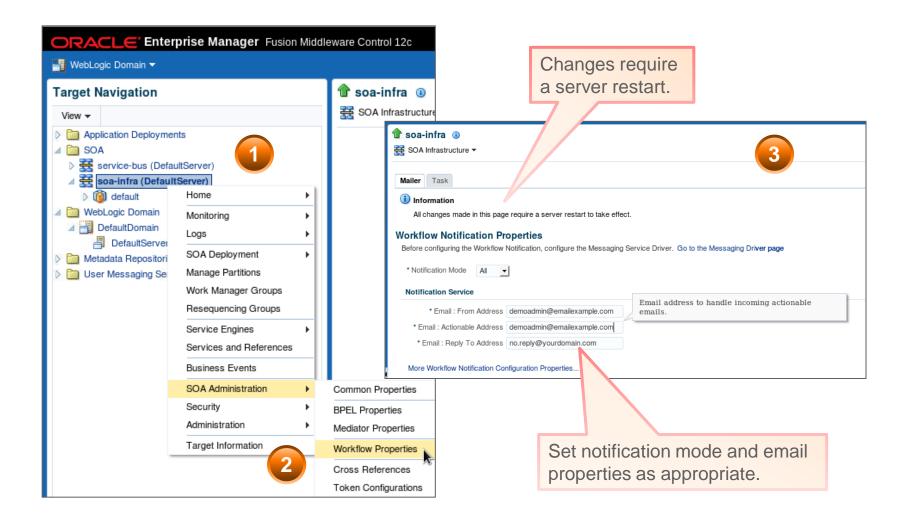








Configuring UMS Notification Properties





Quiz

UMS configuration can be defined at the domain level, cluster level, or at the Managed Server level.

- a. True
- b. False



Summary

In this lesson, you should have learned how to:

- Explain how UMS is used by Oracle SOA Suite 12c
- Configure UMS message channels and drivers



Practice 12: Overview

This practice covers the following topics:

- Practice 12-1: Configuring the Email Driver
 - Seeding the LDAP Server
 - Configuring the Email Driver
- Practice 12-2: Deploying the Composite Application
- Practice 12-3: Instantiating the Composite that Generates Email
 - Observing how Oracle SOA Suite uses UMS with a BPEL Email activity and User Notification Services