

resource cache. Integration monitor users have full read access to the resource cache but cannot modify any resources. Typically, they are users who search or browse for resources or services. Integration operator users have full read access to the resource cache and can only change the operational characteristics of the services.

For more information about Oracle Service Bus users and roles, see "Security Configuration" in the *Oracle Fusion Middleware Administrator's Guide for Oracle Service Bus*.

## 4.2 Change Management

This section describes change management in Oracle Service Bus.

### 4.2.1 Change Center

15

One of the most important features of Oracle Service Bus is the Change Center, which is key to making configuration changes inside the service bus. The Change Center has the unique ability to lock its current configuration while changes are being made. This lets the service bus continue to receive and process requests for services while configuration changes are being made in the Oracle Service Bus Administration Console.

Additionally, changes being made to the configuration will not affect the current configuration until they are "activated." Once this is done, the changes go live instantly and Oracle Service Bus immediately uses the new configuration.

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**Note:** Under heavy load conditions, request messages may fail if they arrive while a proxy service pipeline is in the process of being activated. Once the proxy service pipeline activation is complete, new requests are processed normally.

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If activated changes cause unpredictable, undesirable events, the Change Center also provides the capability to undo any changes made for any session. Task Details provides information on which resource was changed, who changed it, and when. An entire session or individual changes within a session can be rolled back, enabling Oracle Service Bus to roll the affected configurations back to the prior state.

For more information on Change Center, see "Using the Change Center" in the *Oracle Fusion Middleware Administrator's Guide for Oracle Service Bus*.

### 4.2.2 Sessions

Before you make modifications to resources in Oracle Service Bus, you must create a session. All modifications are made using the Oracle Service Bus Administration Console in a given session.