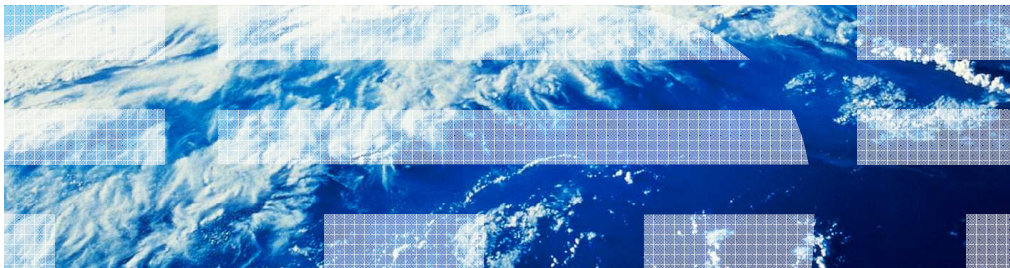


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# WebSphere Business Compass Server V7.0

## Administration



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This presentation provides an introduction to the administration functions of WebSphere Business Compass Server V7.0

## Goal

- Provide an understanding of the foundational concepts and architecture necessary for administering WebSphere Business Compass
  - This presentation covers the elements that are common to both the Business Design and Review business spaces.

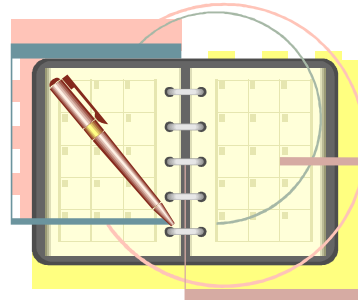


The goal of this presentation is to provide an understanding of the foundational concepts and architecture necessary for administering WebSphere Business Compass

This presentation covers the elements that are common to both the Business Design and Review business spaces.

## Agenda

- The WebSphere Application Server foundation
- User registries
- Business Space users



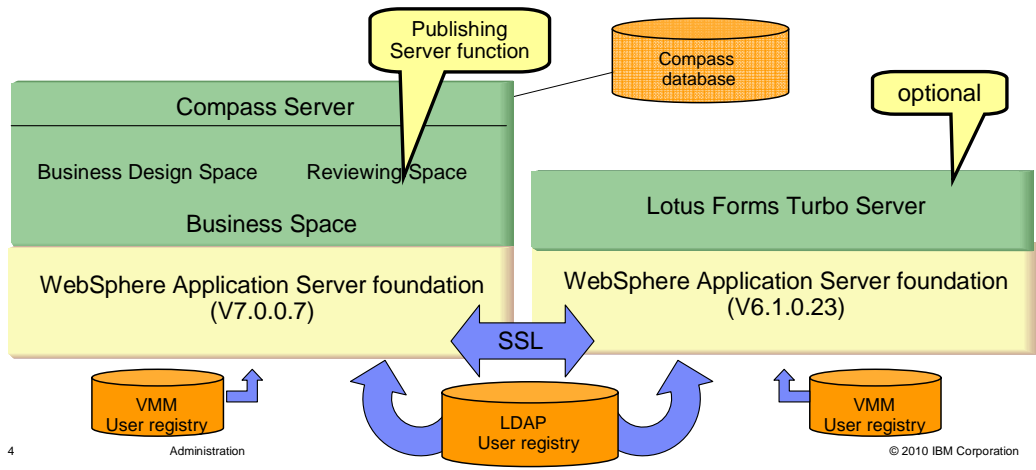
To get the complete picture of the administration model, there are several levels to consider. First there is WebSphere, then the Business Space and then there are the application specific components.

The WebSphere Application Server foundation is discussed first, then a few words about user registries and follow up with some information about the business space as it pertains to the WebSphere Business Compass.

There are separate presentations for administering the Business Design space and the Reviewing space.

## The WebSphere foundation

- WebSphere Business Compass Server
  - WebSphere applications that use a DB2 database.
  - Uses the WebSphere Business Space
  - Can take full advantage of the WebSphere architecture and runtime services.
    - Scalability, transactions, security, business space and more



As an administrator it is important to keep in mind the basic architecture of WebSphere Business Compass Server. The WebSphere Business Compass server is composed of two main parts, both which use the WebSphere Business Space as the common user interface. The two parts are the Business Design space and the Reviewing space.

The Lotus Forms Turbo server is an optional component that can be installed if you want to create forms in the Business Design space. The focus of this presentation is on the administrative features that are common to the both the Business Design and Reviewing business spaces.

Both the Business Design and the Reviewing spaces are Web 2.0 applications running on the WebSphere Application Server and they both share the same DB2 database to store and retrieve model elements and relationships.

Each business space application can have a it's own security model on top that which is provided by the WebSphere foundation and the Business Space.

Fundamental to any security model is the user-registry. By default the WebSphere virtual member manager is used and there is a separate one for each server. If you are operating with this configuration, you will need to keep the registries synchronized manually.

The user registry of choice is typically some form of LDAP, lightweight directory access protocol. To keep the users synchronized between the various applications and servers, a single user registry should be used.

When the Lotus Turbo Forms Server is used, there is additional post installation configuration required to establish the secure communications between the two server environments. A security administrator must establish the trust relationship between the servers.

Installing and configuring the user-registry is beyond the scope of this discussion.

## User registries



- Administrative security is enabled by default during installation
- Three levels security administration
  - WebSphere Application Server
    - Business Space
      - Application
- All users and groups are defined in the WebSphere Application Server user registry
  - The default user registry is the WebSphere Virtual Member manager (VMM)
  - File based security
  - VMM can be federated with a custom registry or with an LDAP user registry.
  - Configured through the WebSphere Application Server *Integrated Solutions Console*

The user access control is composed of three layers, WebSphere Application Server, Business Space, and the application.

All of the users and groups are defined in the WebSphere Application Server user-registry. The default WebSphere user registry uses the WebSphere Virtual Member Manager. The user registry can be extended by federating it with a custom user registry or an LDAP user registry. The user registries are configured using the WebSphere Integrated Solutions Console. If the WebSphere Virtual Member Manager is used then all the users and groups are managed using the Integrated Solutions Console. If the user-registry is federated with an LDAP registry, then the users and groups are administered using the interface provided by the LDAP registry. If a custom user registry is used then it will need to provide an interface for managing the users and groups.

The next level to consider is the Business Space. A business space can be created by anyone. The person that creates the Business Space becomes the owner. The owner of the Business Space can then share the Business Space with other viewers or editors. A business space is created by using a existing template.

Once the business space has been created, the owner of the business space can then manage what users or groups can use it.

**Business Space access**

**Manage Spaces**

Create Space Import Space Filter Spaces

**AIMCP Design Space**  
Owned by jstratfo@us.ibm.com  
No description

**Overview**  
No description

**Design**  
No description

**Actions**

- Edit Settings...
- Create Page...
- Import Page...
- Share...**
- Export...
- Hide from List View

Share: AIMCP Design Space

Search for users and groups, and then drag and drop them from list to list to give them view and edit permissions.

Search for User

- User Search
- Group Search
- Search Results

Add to View Add to Edit

- Space manager actions
  - Share the entire space or individual pages
- View or edit privilege is for the business space and not the application in the business space
  - Edit permits you to make changes to page layouts and widgets

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The next level to consider is the Business Space. A business space can be created by anyone. The person that creates the Business Space becomes the owner. The owner of the Business Space can then share the Business Space with other viewers or editors.

If you are the business space owner or an editor, you can edit a page to add or remove widgets or change where the widgets display in the page.

Remember that a business space is created from a template from the “create space” dialog.

## Additional information

- [Business Space administration](#)
- [Business Design Space administration](#)
- [Business Review Space administration](#)



You can use the links provided on this page to learn more about the administration for each of the specific areas.

## Summary

- The WebSphere Application Server foundation
- User registries
- Business Space



To understand the administration model for the WebSphere Business Compass Server you need to begin with the WebSphere Application Server foundation. The user-registry, which is the repository for all the users that might use any of the business spaces, is defined here. By default the WebSphere Virtual Member Manager is used as the user-registry.

The next level up from the foundation is the Business Space. The business space provides a personalized working area that can be shared with others.





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