



# **Setting up multiple tenancy in reporting**

## **OnCommand Insight**

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# Setting up multiple tenancy in reporting

OnCommand Insight Data Warehouse accommodates multiple tenancy (often shortened to “multi-tenancy” or “multitenancy”) in reporting by allowing you to associate users with one or more business entities. With this feature, administrators can separate data or reports according to user attributes or user affiliation.

Business entities use a hierarchy for the purposes of capacity chargeback using the following values:

- Tenant: Primarily used by service providers to associate resources with a customer, for example, NetApp.
- Line of Business (LOB): A line of business within a company, for example "Hardware" or "Software."
- Business Unit: A traditional business unit such as "Sales" or "Marketing."
- Project: A project to which you might want to assign capacity chargeback.

The process of configuring multiple tenancy involves the following major steps:

- Configure a Data Warehouse user account.
- Create a group in Reporting Portal.
- Assign users to one or more groups, which represent business entities.
- Assign users to one or more business entities. For example, users associated with "NetApp" obtain access to all business entities that have “NetApp” as a tenant.
- Test that users can see only those reports that they should see.

The following points summarize how users access reporting data:

- A user, not assigned to any group, gets access to all the data.
- A user, assigned to any group, will not be able to get access to records without business entity.

For example, you might have the following departments and need to separate reports for users within these departments.

| User  | Engineering | Support | Finance | Legal |
|-------|-------------|---------|---------|-------|
| User1 | X           | X       |         |       |
| User2 |             |         | X       | X     |
| User3 |             | X       |         |       |

## Configuring user accounts

You must complete several steps to configure user accounts.

### Steps


1. Log in to the Data Warehouse Portal at <https://hostname/dwh>, where `hostname` is the name of the system where OnCommand Insight Data Warehouse is installed.

2. From the navigation pane on the left, click **User Management**.
3. Configure each user account.

## Assigning users to business entities

You must complete a series of steps to assign users to business entities. Data Warehouse accommodates multiple tenancy (often shortened to “multi-tenancy” or “multitenancy”) in reporting by allowing you to associate users with one or more business entities. This enables administrators to separate data or reports according to user attributes or user affiliation.

### Steps

1. Log in to the Data Warehouse Portal as administrator at `https://hostname/dwh`, where `hostname` is the name of the system where OnCommand Insight Data Warehouse is installed.
2. On the Data Warehouse toolbar, click  to open the Reporting Portal.
3. Enter your user name and password and click **Login**.
4. From the Launch menu, select **IBM Cognos Administration**.
5. Click the **Security** tab:
6. In the Directory, select **Cognos**.
7. Create a new subfolder in the Cognos folder called “BEs”, for business entities.
8. Open the BEs folder.
9. Click the **New Group** icon to add groups that correspond to different permission levels.

These permission levels can be either the full name of the business entity (for example, NetApp.N/A) or a prefix (for example, NetApp.N/A.Finance). Either of these formats enables access to all projects within the business entity (NetApp.N/A.Finance).

The New Group wizard displays.

10. Complete the pages of the wizard.
11. Select a business entity and click **More**.
12. Click **Set members**.
13. Click **Add**.
14. Select the SANscreen directory.
15. From the list of users, select each user that you want to include in the Business Entity and add the user to the Selected Entries box.
16. Click **OK**.
17. Repeat the process of adding members to each of the business entity groups.

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