

Article

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## DeepSee: Setting up security - Part 3 of 5

In [part 1](#) and [part 2](#) of this series we set up two user types, simpleuser and poweruser. In this part of the tutorial we create one last user type having privileges typically needed by an administrator/developer in analytics.



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### Granting access to Architect, Folder Manager, Query Tool, and Settings pages

The third and last user type that we define in this post is typical for an administrator or developer in analytics. This user type adds to poweruser the ability to access Architect and the Folder Manager user interface. Architect allows users to modify or create DeepSee models, whereas Folder manager is useful to maintain DeepSee items (i.e. pivot tables, dashboards, etc).

#### Create a DSAdmin role

According to the [documentation](#) we need USE permissions for the %DeepSeePortal and %DeepSeeArchitectEdit to grant full access to Architect (see the row for the task "Modifying an existing cube or subject area in the

Architect ” in the table). Notice that %DeepSeeArchitect providing Read-only access to Architect is not needed when %DeepSeeArchitectEdit is granted.

To grant access to Folder Manager, Query Tool, and Settings pages (see the row for the task “ Folder Manager Page - Query Tool page - Settings pages ” in the table) we need USE permissions for the %DeepSeePortal resource, and either the %DeepSeeAdmin or %Development resource.

Create a DSAdmin role including the following resources:

Resource	Permission
%DeepSeePortal	USE
%DeepSeeArchitectEdit	USE
%DeepSeeAnalyzerEdit	USE
%DeepSeeAdmin or %Development	USE
%DBAPP-DATA	RW

Menu

Home | About | Help | Logout

System > Security Management > Roles > Edit Role

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Cache

Edit: DSAdmin

Server: **amarin-Latitude-E7470** Namespace: **%SYS**  
User: **UnknownUser** Licensed to: **ISC Development** Instance: **C172**

Save Cancel

Edit Role

Edit definition for role DSAdmin:

Role saved.

General

Members

Assigned To

SQL Privileges

SQL Tables

SQL Views

SQL Procedures

Name

DSAdmin

Required.

Description

Privileges

Resource	Permission		
%DB_APP-DATA	RW	Edit	Delete
%DeepSee_Admin	U	Edit	Delete
%DeepSee_AnalyzerEdit	U	Edit	Delete
%DeepSee_ArchitectEdit	U	Edit	Delete
%DeepSee_Portal	U	Edit	Delete

Add...

## Create an Admin user

In Users page > Create New User create an Admin user with the DSPowerUser and DSAdmin roles assigned as shown in the following screenshot:

Menu
Home | About | Help | Logout
System > Security Management > Users > Edit User
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Caché
Edit: Admin
Server: amarin-Latitude-E7470
Namespace: %SYS
User: UnknownUser
Licensed to: ISC Development
Instance: C172
Save
Profile
Cancel
Edit User

Edit definition for user Admin:
General
Roles
SQL Privileges
SQL Tables
SQL Views
SQL Procedures

User Admin is assigned to the following roles:

Role Name	Grant Option	
DSAdmin	<input type="checkbox"/>	<a href="#">Remove</a>
DSPoweruser	<input type="checkbox"/>	<a href="#">Remove</a>

Remove All

Assign the user to additional roles by selecting one or more available roles and pressing [Assign].

Available
Select One or More

- %All
- %DB\_%DEFAULT
- %DB\_APP
- %DB\_APP-CACHE
- %DB\_APP-CODE
- %DB\_APP-DATA
- %DB\_APP-DEEPSEE
- %DB\_APP-DSTIME
- %DB\_APP-FACT
- %DB\_APP-INDEX
- %DB\_CACHE
- %DB\_CACHEAUDIT
- %DB\_CACHELIB
- %DB\_CACHESYS

Selected
Select One or More

Assign
Assign with Grant Option

Hold the [Shift] or [Ctrl] key while clicking to select multiple roles.

You might have noticed that most resources in DSPoweruser and DSAdmin overlap. I leave to the reader the exercise of implementing security for DSAdmin in a less redundant way.

## Test Admin

Open an incognito/private window of your browser and log in as Admin. Architect should be accessible and cubes or subject areas fully editable. Navigate to Analyzer and User Portal and confirm that Admin can view, create and edit pivot tables and dashboards. Check that the DeepSee > Admin > Folder Manager and Settings pages are fully accessible. Test the DeepSee > Tools > Query Tool page by running an MDX query.

In [part 4](#) we will see how to secure model elements (such as DeepSee cubes and subject areas) and DeepSee items (such as pivot tables, dashboards, folder items, KPIs, listings, listing fields).

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