Artículo <u>Alessandro Marin</u> · <sup>8 ene, 2018</sup> Lectura de 2 min

# DeepSee: Setting up security - Part 3 of 5

In <u>part 1</u> and <u>part 2</u> 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.



### 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 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 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 <u>documentation</u> 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 %DeepSee<u>A</u>rchitect providing Read-only access to Architect is not needed when %DeepSee<u>A</u>rchitectEdit 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			
%DeepSee <u>P</u> ortal	USE			
%DeepSee <u>A</u> rchitectEdit	USE			
%DeepSee <u>A</u> nalyzerEdit	USE			
%DeepSee <u>A</u> dmin or %Development	USE			
%DB <u>A</u> PP-DATA	RW			

Menu	Home   About   Help   Logout	System > Security	Management > Role	s > Edit I	Role			1) Inte	rSvetome	
Edit: DSAdmin			Server: amarin-Latitude-E7470 User: UnknownUser		Namespace: <b>%SYS</b> Licensed to: <b>ISC Development</b>		Instance:	C172 Caché	Caché	
Save	Cancel							E	dit Role	
Edit definitio	n for role DSAdmin:									
Role saved.										
General	Members	Assigned To	SQL Privileges	sqi	_ Tables	SQL Views	s	SQL Procedures		
Name	DSAdmin									
Description										
Privileges	Resource	Perr	nission							
	%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:

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Edit: Adm	in			Server: ama	arin-Latitude-E7470	Namespace		Instance: C170	Caché
				User: Unk	nownUser	Licensed to	isc Development	Instance: C172	•
Save	Profile C	Cancel							Edit User
Edit definiti	on for user Ad	min:							
General	Roles	6		SQL Privileges	SQL Tables		SQL Views	SQL Procedu	ires
/						\\			
User Admin i	is assigned to the	following	roles:						
Role Name			Grant Option						
DSAdmin			ortant option		Rem	ove			
DSPoweruser					Rem	ove			
Remove Al	I								
Assian the us	er to additional rol	es hv se	ecting one o	or more available ro	les and pressing [As	ssianl			
/ congri une us	Available	00 09 00	icoung one e	Selected	teo and pressing [/a	soigiij.			
Select (	One or More		Select (	One or More	A			2	
%All								10	
%DB %DE	FAULT								
%DB APP									
%DB APP-	CACHE								
%DB APP-	CODE	_							
%DB APP-	DATA	•			Assign				
%DB APP-	DEEPSEE								
%DB APP-	DSTIME	-			Assign with Gra	ant Ontion			
%DB APP-	FACT				Assign with Ore	an option			
%DB_APP-	INDEX								
%DB_CAC	HE								
%DB CAC	HEAUDIT								
%DB_CAC	HELIB								
%DB_CAC	HESYS	-			-				

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 <u>part 4</u> we will see how to secure model elements (such as DeepSee cubes and subject areas) and DeepSee items (such a pivot tables, dashboards, folder items, KPIs, listings, listing fields).

<u>#Control de acceso</u> <u>#Principiante</u> <u>#Seguridad</u> <u>#InterSystems IRIS BI (DeepSee)</u>

URL de fuente: https://es.community.intersystems.com/node/442851