

OTBI Direct Database Query Privilege Change

Release 13.19A

FEBRUARY 2019



Executive Summary

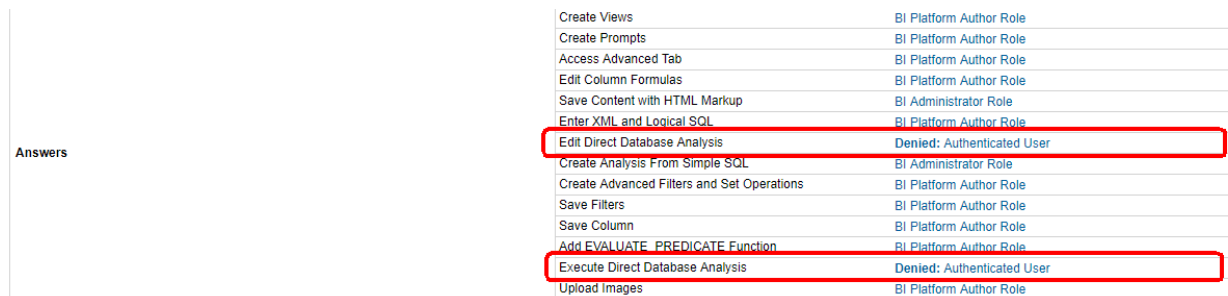
In R13.19A OTBI direct database query has been disabled by default. To prevent reports generating system errors, BI Administrator can modify BI privileges to revert this change. Customers are encouraged to migrate direct database SQL reports to supported BI Answers reports as direct database query is planned to be deprecated in 12 months.

What is the Change?

Prior to R13.19A, BI Administrator has the privilege to create and run Direct Database Query in BI Answers. In R13.19A, this feature has been disabled by default. Specifically, two privileges that control direct database query access, namely 'Edit Direct Database Analysis' and 'Execute Direct Database Analysis', have been denied for authenticated users.

Reports created with 'Direct Database Query' option prior to R13.19A will receive a system error when executed in R13.19A. To prevent the system error, customers can revert the R13.19A privilege changes by granting BI Administrator privilege to both 'Edit Direct Database Analysis and 'Execute Direct Database Analysis'.

Below screenshot highlights R13.19A privilege changes in direct database analysis:



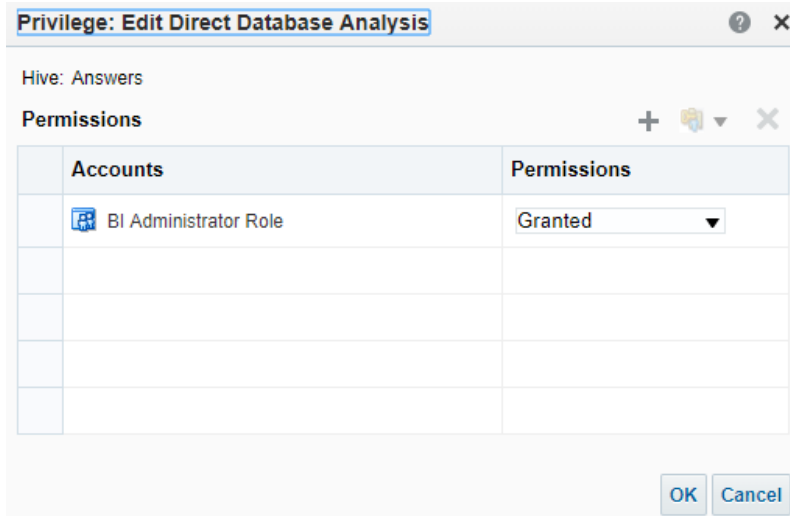
The screenshot shows a table of privileges for the 'Answers' category. Two rows are highlighted with red boxes: 'Edit Direct Database Analysis' and 'Execute Direct Database Analysis', both showing a 'Denied: Authenticated User' status. Other privileges like 'Create Views', 'Create Prompts', and 'Access Advanced Tab' are listed with 'BI Platform Author Role'.

Privilege	Role
Create Views	BI Platform Author Role
Create Prompts	BI Platform Author Role
Access Advanced Tab	BI Platform Author Role
Edit Column Formulas	BI Platform Author Role
Save Content with HTML Markup	BI Administrator Role
Enter XML and Logical SQL	BI Platform Author Role
Edit Direct Database Analysis	Denied: Authenticated User
Create Analysis From Simple SQL	BI Administrator Role
Create Advanced Filters and Set Operations	BI Platform Author Role
Save Filters	BI Platform Author Role
Save Column	BI Platform Author Role
Add EVALUATE_PREDICATE Function	BI Platform Author Role
Execute Direct Database Analysis	Denied: Authenticated User
Upload Images	BI Platform Author Role

How to revert the change?

BI Administrator can modify direct database analysis privileges in BI Administration -> Manage Privileges page. To grant BI Administrator access to direct database query, customers can remove 'Authenticated User' that has 'Denied' permission from the seeded privileges and add a new role of 'BI Administrator Role' with 'Granted' permission. Below is a screenshot of 'Edit Direct Database Analysis' permission for BI Administrator.





Repeat the same step to grant 'BI Administrator Role' to 'Execute Direct Database Analysis' privilege. Below is a screenshot of 'Edit Direct Database Analysis' and 'Execute Direct Database Analysis' privilege setting:

	Create Views	BI Platform Author Role
	Create Prompts	BI Platform Author Role
	Access Advanced Tab	BI Platform Author Role
	Edit Column Formulas	BI Platform Author Role
	Save Content with HTML Markup	BI Administrator Role, BI Platform Author Role
	Enter XML and Logical SQL	BI Platform Author Role
	Edit Direct Database Analysis	BI Administrator Role
	Create Analysis From Simple SQL	BI Administrator Role
	Create Advanced Filters and Set Operations	BI Platform Author Role
	Save Filters	BI Platform Author Role
	Save Column	BI Platform Author Role
	Add EVALUATE_PREDICATE Function	BI Platform Author Role
	Execute Direct Database Analysis	BI Administrator Role
	Upload Images	BI Platform Author Role

Future Product Direction

Direct database query is not a supported OTBI feature for building reports. Customers are encouraged to use BI Answers to create interactive analyses, use BI Publisher for fixed-format reports and use BI Cloud Connector (BICC) for data extraction. If customers have created OTBI reports with Direct Database Query option, Oracle development strongly recommends migrating those reports to use OTBI subject areas as Direct Database Query will be deprecated in OTBI in 12 months.

If you have further questions, please contact Oracle Support.

