

# OTBI Direct Database Query Privilege Change

Release 13.19A

FEBRUARY 2019



## Executive Summary

In R13.19A BI Answers 'Direct Database Query' option 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 BI Answers reports created with 'Direct Database Query' option to OTBI subject areas as 'Direct Database Query' option is planned to be deprecated in 12 months.

**Please note: this change does not affect BI Publisher reports created with BI Publisher SQL data model or BI Answers reports created with Logical SQL.**

## What is the Change?

Prior to R13.19A, BI Administrator has the privilege to create and run Direct Database Query in BI Answers by navigating to New -> Analysis -> Create Direct Database Query. 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'.

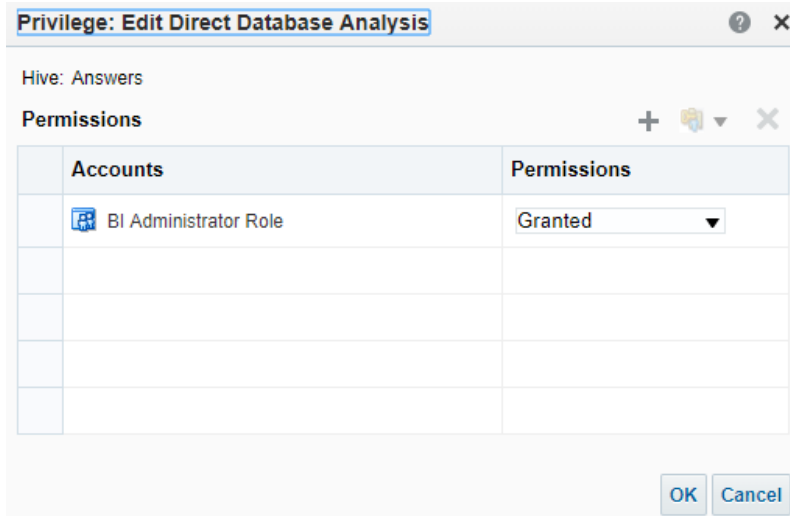
Below screenshot highlights R13.19A privilege changes in direct database analysis:

Answers	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
	<b>Edit Direct Database Analysis</b>	<b>Denied: Authenticated User</b>
	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
	<b>Execute Direct Database Analysis</b>	<b>Denied: Authenticated User</b>
	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
	<b>Edit Direct Database Analysis</b>	<b>BI Administrator Role</b>
	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
	<b>Execute Direct Database Analysis</b>	<b>BI Administrator Role</b>
	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.

