Question

Chris Bebek · Sep 20, 2022

## Audit failed crud queries/grants/revokes

Trying to identify which records in the %SYS.Audit table are fails.

Eg, as user "WORKER", I run an attempted a grant, the terminal returns:

SQL> GRANT SELECT ON newschema.patients TO COORDINATOR

[S1000][Iris ODBC][State: S1000][Native Code 112]

[libirisodbc35.so]

[SQLCODE: <-112>:<Access violation>]

[Location: <ServerLoop>]

[%msg: <User WORKER does not have required privileges to grant the privilege(s)>]

[ISQL]ERROR: Could not SQLExecute

but the record in the audit table gives

Description: "SQL GRANT Statement"

EventData: "GRANT SELECT ON newschema.patients TO COORDINATOR"

Is there any indication in the audit table that this grant failed?

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Separately, I run a select without sufficient permissions

SQL> SELECT \* FROM newschema.table2

[S1000][Iris ODBC][State: S1000][Native Code 99]

[libirisodbc35.so]

[SQLCODE: <-99>:<Privilege violation>]

[Location: <Prepare>]

[%msg: <User WORKER is not privileged for the operation>]

[ISQL]ERROR: Could not SQLPrepare

I don't get a record for the attempted query in the audit table at all - just the surrounding login/logout.

How do I capture failed CRUD in the audit table?

TIA

#Access control #SQL #System Administration #InterSystems IRIS #InterSystems IRIS for Health

Product version: IRIS 2021.2

\$ZV: 1.0

Audit failed crud queries/grants/revokes Published on InterSystems Developer Community (https://community.intersystems.com)
Source URL: https://community.intersystems.com/post/audit-failed-crud-queriesgrantsrevokes