

How to solve (ORA-04023) - Object <OWNER.OBJECT> could not be validated or authorized

Olá, nesse artigo iremos abordar as etapas necessárias para corrigir o erro (**ORA-04023**).

Links úteis

- **ORA-04023 Reported while Accessing Valid Objects (Doc ID 1610514.1)**

Causa:

This issue is due to a timestamp inconsistency in the data dictionary. This timestamp inconsistency will lead to the problem when we populate the relevant cached objects and later try to select from the affected views.

1 - Identificar os objetos que apresentam discrepância de timestamp:

```
sqlplus / as sysdba
```

```
@?/rdbms/admin/utldtchk.sql
```

2 - Caso não tenha acesso diretamente ao servidor, pode executar a query abaixo:

```
SELECT du.name d_owner, d.name d_name, i.object_type, d.defining_edition
       d_edition,
       pu.name p_owner, p.name p_name, o.object_type, p.defining_edition
       p_edition,
       CASE
         WHEN p.status NOT IN (1, 2, 4) THEN 'P Status: ' || to_char(p.status)
         ELSE 'TS mismatch:      ' ||
              to_char(dep.p_timestamp, 'DD-MON-YY HH24:MI:SS') || ' - ' ||
              to_char(p.stime, 'DD-MON-YY HH24:MI:SS')
       END reason
FROM sys."_ACTUAL_EDITION_OBJ" d, sys.user$ du, sys.dependency$ dep,
     sys."_ACTUAL_EDITION_OBJ" p, sys.user$ pu,
     sys.dba_objects o, sys.dba_objects i
WHERE d.obj# = dep.d_obj# AND p.obj# = dep.p_obj#
     AND d.owner# = du.user# AND p.owner# = pu.user#
     AND d.status = 1
     AND bitand(dep.property, 1) = 1
     AND d.subname IS NULL
     AND NOT(p.type# = 32 AND d.type# = 1)
WHERE d.version < p.version
      AND d.indextype < p.indextype
```

-- Valid dependent
-- Hard dependency
-- !Old type
-- Index to

```
AND NOT(p.type# = 29 AND d.type# = 5)           -- Synonym to Java
AND NOT(p.type# IN(5, 13) AND d.type# IN (2, 55)) -- TABL/XDBS to
TYPE
AND (p.status NOT IN (1, 2, 4) OR p.stime != dep.p_timestamp)
AND o.owner = pu.name
AND o.object_name = p.name
AND i.owner = du.name
AND i.object_name = d.name
ORDER BY 1,2,3;
```

3 - Recompile manualmente todos os objetos da lista retornada.

- Isso removerá a inconsistência de timestamp no dicionário de dados e resolverá o problema.

- Até a próxima.

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