SQL results report on 3_followupgrant

generated at 2025-09-15T00:06:17

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1. SQL statment 3_followupgrant content

```
-- The purpose of query  - to review existing grantees privileges
-- against grantees privileges allowed.
-- The review report generated with review status indicating if existing granted
-- privilegious:
--       is OK (i.e. meet GRANTEES_PRIVILEGES_ALLOWED list)
--       or NOTOK (i.e. does not meet GRANTEES_PRIVILEGES_ALLOWED list)
-- The review report has format like csv and can be imported into MS EXEL
WITH
TABLES_TO_CHECK
(TSNAME, TABNAME, DBNAME, CREATOR) --, LABEL)
AS (SELECT TSNAME, NAME, DBNAME, CREATOR  --, LABEL
      FROM SYSTABLES
        WHERE TYPE = "T"
          AND DBNAME LIKE "%TESTDB%"),
GRANTEES_PRIVILEGES_ALLOWED -- the part should be updated with needed data on grants allowed
(CHECK_GROUPS, ALTERAUTH, DELETEAUTH, INDEXAUTH, INSERTAUTH, SELECTAUTH, UPDATEAUTH)
AS (SELECT "CHECK_GROUP_1", "G", "G", "G", "G", "G", "G"
    FROM SYSDUMMY1 UNION
    SELECT "CHECK_GROUP_2", " ", " ", " ", " ", "Y", " "
    FROM SYSDUMMY1 UNION
    SELECT "CHECK_GROUP_3", " ", "Y ", " ", "Y", "Y", "Y"
    FROM SYSDUMMY1 UNION
    SELECT "CHECK_GROUP_4", "G", "G", "G", "G", "G", "G"
    FROM SYSDUMMY1 UNION
    SELECT "CHECK_GROUP_5", " ", " ", " ", " ", "Y", " "
    FROM SYSDUMMY1 UNION
    SELECT "CHECK_GROUP_6", " ", "Y ", " ", "Y", "Y", "Y"
    FROM SYSDUMMY1 UNION
    SELECT "CHECK_GROUP_7", "G", "G", "G", "G", "G", "G"
    FROM SYSDUMMY1 UNION
    SELECT "CHECK_GROUP_8", " ", "Y ", " ", "Y", "Y", "Y"
    FROM SYSDUMMY1 UNION
    SELECT "CHECK_GROUP_9", " ", " ", " ", " ", "Y", " "
    FROM SYSDUMMY1),
GRANTEES_PRIVILEGES_EXIST
(GRANTEE,TTNAME,ALTERAUTH, DELETEAUTH, INDEXAUTH, INSERTAUTH, SELECTAUTH, UPDATEAUTH)
AS (SELECT GRANTEE, TTNAME, MAX(ALTERAUTH), MAX(DELETEAUTH), MAX(INDEXAUTH),
              MAX(INSERTAUTH), MAX(SELECTAUTH), MAX(UPDATEAUTH)
    FROM SYSTABAUTH
      WHERE GRANTEE IN
            (SELECT CHECK_GROUPS FROM GRANTEES_PRIVILEGES_ALLOWED)
      GROUP BY GRANTEE, TTNAME)
-- header of the report
SELECT  'GRANTOR',' GRANTEE',' TTNAME', ' ALTERAUTH', ' DELETEAUTH', ' INDEXAUTH',' INSERTAUTH', '
SELECTAUTH',
        ' UPDATEAUTH',' Review status'AS OK_STATUS,' Review TIMESTAMP' AS QUERY_TS FROM SYSDUMMY1
  UNION
-- content data of the report start
SELECT SA.GRANTOR, SA.GRANTEE, SA.TTNAME ,SA.ALTERAUTH, SA.DELETEAUTH, SA.INDEXAUTH ,SA.INSERTAUTH,
  SA.SELECTAUTH, SA.UPDATEAUTH , "not_OK" AS OK_STATUS, strftime( datetime(current_timestamp, 'localtime'))
AS QUERY_TS
  FROM SYSTABAUTH SA, TABLES_TO_CHECK TTC, GRANTEES_PRIVILEGES_ALLOWED GPTC, GRANTEES_PRIVILEGES_EXIST GF
    WHERE
        SA.TTNAME = TTC.TABNAME
      AND NOT SA.GRANTEETYPE = "P" -- excluded applications PLAN / PACKAGES
      AND SA.GRANTEE = GPTC.CHECK_GROUPS
      AND GF.TTNAME = TTC.TABNAME
      AND GF.GRANTEE = GPTC.CHECK_GROUPS
      AND NOT (GF.ALTERAUTH, GF.DELETEAUTH, GF.INDEXAUTH, GF.INSERTAUTH, GF.SELECTAUTH, GF.UPDATEAUTH) =
                  (GPTC.ALTERAUTH, GPTC.DELETEAUTH, GPTC.INDEXAUTH, GPTC.INSERTAUTH, GPTC.SELECTAUTH,
GPTC.UPDATEAUTH)
UNION
SELECT SA.GRANTOR, SA.GRANTEE, SA.TTNAME, SA.ALTERAUTH, SA.DELETEAUTH, SA.INDEXAUTH, SA.INSERTAUTH,
  SA.SELECTAUTH, SA.UPDATEAUTH, "OK" AS OK_STATUS,  strftime( datetime(current_timestamp, 'localtime'))  AS
QUERY_TS
  FROM SYSTABAUTH SA, TABLES_TO_CHECK TTC, GRANTEES_PRIVILEGES_ALLOWED GPTC, GRANTEES_PRIVILEGES_EXIST GF
    WHERE
        SA.TTNAME = TTC.TABNAME
      AND NOT SA.GRANTEETYPE = "P"
      AND SA.GRANTEE = GPTC.CHECK_GROUPS
      AND GF.TTNAME  = TTC.TABNAME
      AND GF.GRANTEE = GPTC.CHECK_GROUPS
      AND (GF.ALTERAUTH, GF.DELETEAUTH, GF.INDEXAUTH, GF.INSERTAUTH, GF.SELECTAUTH, GF.UPDATEAUTH)
                  =(GPTC.ALTERAUTH, GPTC.DELETEAUTH, GPTC.INDEXAUTH, GPTC.INSERTAUTH, GPTC.SELECTAUTH,
GPTC.UPDATEAUTH)
ORDER BY 10,2,3
-- content data of the report end
```

2. SQL results

SN	GRANTOR	GRANTEE	TTNAME	ALTERAUTH	DELETEAUTH	INDEXAUTH	INSERTAUTH	SELECTAUTH	UPDATEAUTH	Review status	Review TIMESTAMP
1	DBADM_OF_TESTDB	CHECK_GROUP_1	TABLE1	G	G	G	G	G	G	OK	2025-09-15 00:06:17
2	DBADM_OF_TESTDB	CHECK_GROUP_2	TABLE1					Y		OK	2025-09-15 00:06:17
3	DBADM_OF_TESTDB	CHECK_GROUP_2	TABLE2					Y		OK	2025-09-15 00:06:17
4	DBADM_OF_TESTDB	CHECK_GROUP_4	TABLE1	G	G	G	G	G	G	OK	2025-09-15 00:06:17
5	DBADM_OF_TESTDB	CHECK_GROUP_5	TABLE1					Y		OK	2025-09-15 00:06:17
6	DBADM_OF_TESTDB	CHECK_GROUP_5	TABLE2					Y		OK	2025-09-15 00:06:17
7	DBADM_OF_TESTDB	CHECK_GROUP_7	TABLE1	G	G	G	G	G	G	OK	2025-09-15 00:06:17
8	DBADM_OF_TESTDB	CHECK_GROUP_9	TABLE1					Y		OK	2025-09-15 00:06:17
9	DBADM_OF_TESTDB	CHECK_GROUP_1	TABLE2	G		G		G	G	not_OK	2025-09-15 00:06:17
10	DBADM_OF_TESTDB	CHECK_GROUP_3	TABLE1		Y		Y	Y	Y	not_OK	2025-09-15 00:06:17
11	DBADM_OF_TESTDB	CHECK_GROUP_3	TABLE2		Y			Y	Y	not_OK	2025-09-15 00:06:17
12	DBADM_OF_TESTDB	CHECK_GROUP_4	TABLE2	G		G		G	G	not_OK	2025-09-15 00:06:17
13	DBADM_OF_TESTDB	CHECK_GROUP_6	TABLE1		Y		Y	Y	Y	not_OK	2025-09-15 00:06:17
14	DBADM_OF_TESTDB	CHECK_GROUP_6	TABLE2		Y			Y	Y	not_OK	2025-09-15 00:06:17
15	DBADM_OF_TESTDB	CHECK_GROUP_7	TABLE2	Y			Y			not_OK	2025-09-15 00:06:17

SN	GRANTOR	GRANTEE	TTNAME	ALTERAUTH	DELETEAUTH	INDEXAUTH	INSERTAUTH	SELECTAUTH	UPDATEAUTH	Review status	Review TIMESTAMP
16	*DBADM_OF_TEST DB*	*CHECK_GROUP_8*	*TABLE1*		*Y*		*Y*	*Y*	*Y*	*not_OK*	*2025-09-15 00:06:17*
17	*DBADM_OF_TEST DB*	*CHECK_GROUP_8*	*TABLE2*	*G*		*G*		*G*	*G*	*not_OK*	*2025-09-15 00:06:17*
18	*DBADM_OF_TEST DB*	*CHECK_GROUP_9*	*TABLE2*	*Y*			*Y*			*not_OK*	*2025-09-15 00:06:17*