

Spool File For Oracle Students Trained by Mr.Sathish Yellanki

SCOTT>cl scr

SCOTT>SELECT \* FROM Emp;

COMM	EMPNO	ENAME	JOB	MGR	HIREDATE	SAL
	DEPTNO					
10	7839	KING	PRESIDENT		17-NOV-81	5000
30	7698	BLAKE	MANAGER	7839	01-MAY-81	2850
10	7782	CLARK	MANAGER	7839	09-JUN-81	2450
20	7566	JONES	MANAGER	7839	02-APR-81	2975
1400	7654	MARTIN	SALESMAN	7698	28-SEP-81	1250
300	7499	ALLEN	SALESMAN	7698	20-FEB-81	1600
0	7844	TURNER	SALESMAN	7698	08-SEP-81	1500
30	7900	JAMES	CLERK	7698	03-DEC-81	950
500	7521	WARD	SALESMAN	7698	22-FEB-81	1250
20	7902	FORD	ANALYST	7566	03-DEC-81	3000
20	7369	SMITH	CLERK	7902	17-DEC-80	800
20	7788	SCOTT	ANALYST	7566	09-DEC-82	3000
20	7876	ADAMS	CLERK	7788	12-JAN-83	1100
10	7934	MILLER	CLERK	7782	23-JAN-82	1300

14 rows selected.

SCOTT>GRANT SELECT  
2 ON Emp  
3 TO DBASEC;

Grant succeeded.

SCOTT>DESC USER\_TAB\_PRIVS\_MADE

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```

Name
Type
-----

```

```

GRANTEE
NULL VARCHAR2(30)
TABLE_NAME
NULL VARCHAR2(30)
GRANTOR
NULL VARCHAR2(30)
PRIVILEGE
NULL VARCHAR2(40)
GRANTABLE
VARCHAR2(3)
HIERARCHY
VARCHAR2(3)
NOT
NOT
NOT
NOT

```

```

SCOTT>COLUMN GRANTEE FORMAT A15
SCOTT>COLUMN "Table" FORMAT A15
SCOTT>COLUMN GRANTOR FORMAT A15
SCOTT>COLUMN PRIVILEGE FORMAT A15

```

```

SCOTT>SELECT
2  GRANTEE,
3  TABLE_NAME "Table",
4  GRANTOR,
5  PRIVILEGE
6  FROM USER_TAB_PRIVS_MADE;

```

GRANTEE	Table	GRANTOR	PRIVILEGE
DBASEC	EMP	SCOTT	SELECT

```

SCOTT>REVOKE SELECT
2  ON Emp
3  FROM DBASEC;

```

Revoke succeeded.

```

SCOTT>COLUMN GRANTEE FORMAT A15
SCOTT>COLUMN "Table" FORMAT A15
SCOTT>COLUMN GRANTOR FORMAT A15
SCOTT>COLUMN PRIVILEGE FORMAT A15

```

```

SCOTT>SELECT
2  GRANTEE,
3  TABLE_NAME "Table",
4  GRANTOR,
5  PRIVILEGE

```

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```
6 FROM USER_TAB_PRIVS_MADE;
```

no rows selected

```
SCOTT>SELECT
2 OWNER,
3 TABLE_NAME "Table",
4 GRANTOR,
5 PRIVILEGE
6 FROM USER_TAB_PRIVS_RECD;
```

no rows selected

```
SCOTT>cl scr
```

```
SCOTT>CREATE ROLE SCOTTROLE;
CREATE ROLE SCOTTROLE
*
ERROR at line 1:
ORA-01031: insufficient privileges
```

```
SCOTT>CREATE ROLE SCOTTROLE;
```

Role created.

```
SCOTT>GRANT SELECT, INSERT
2 ON Emp
3 TO SCOTTROLE;
```

Grant succeeded.

```
SCOTT>GRANT SCOTTROLE
2 TO DBASEC;
```

Grant succeeded.

```
SCOTT>GRANT SELECT, DELETE
2 ON Dept
3 TO SCOTTROLE;
```

Grant succeeded.

```
SCOTT>REVOKE SELECT
2 ON Dept
3 FROM SCOTTROLE;
```

---

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Revoke succeeded.

SCOTT>REVOKE SELECT

2 ON Emp

3 FROM DBASEC;

REVOKE SELECT

\*

ERROR at line 1:

ORA-01927: cannot REVOKE privileges you did not grant

SCOTT>cl scr

SCOTT>DESC USER\_ROLE\_PRIVS

Name

Null?

Type

-----  
USERNAME

VARCHAR2 (30)

GRANTED\_ROLE

VARCHAR2 (30)

ADMIN\_OPTION

VARCHAR2 (3)

DEFAULT\_ROLE

VARCHAR2 (3)

OS\_GRANTED

VARCHAR2 (3)

SCOTT>SELECT

2 USERNAME,

3 GRANTED\_ROLE

4 FROM USER\_ROLE\_PRIVS;

USERNAME

GRANTED\_ROLE

-----  
SCOTT

CONNECT

SCOTT

RESOURCE

SCOTT

SCOTTROLE

SCOTT>DESC ROLE\_SYS\_PRIVS

Name

Null?

Type

-----  
ROLE

NOT

NULL VARCHAR2 (30)

-----  
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PRIVILEGE NOT  
NULL VARCHAR2(40)  
ADMIN\_OPTION  
VARCHAR2(3)

SCOTT>COLUMN ROLE FORMAT A10  
SCOTT>COLUMN PRIVILEGE FORMAT A20  
SCOTT>SELECT  
2 ROLE,  
3 PRIVILEGE  
4 FROM ROLE\_SYS\_PRIVS;

ROLE	PRIVILEGE
RESOURCE	CREATE TRIGGER
RESOURCE	CREATE SEQUENCE
RESOURCE	CREATE TYPE
RESOURCE	CREATE PROCEDURE
RESOURCE	CREATE CLUSTER
CONNECT	CREATE SESSION
RESOURCE	CREATE OPERATOR
RESOURCE	CREATE INDEXTYPE
RESOURCE	CREATE TABLE

9 rows selected.

SCOTT>DESC ROLE\_TAB\_PRIVS

Name	Null?
Type	
-----	-----
ROLE	NOT
NULL VARCHAR2(30)	
OWNER	NOT
NULL VARCHAR2(30)	
TABLE_NAME	NOT
NULL VARCHAR2(30)	
COLUMN_NAME	
VARCHAR2(30)	
PRIVILEGE	NOT
NULL VARCHAR2(40)	
GRANTABLE	
VARCHAR2(3)	

SCOTT>SELECT  
2 ROLE,  
3 PRIVILEGE

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4 FROM ROLE\_TAB\_PRIVS;

ROLE	PRIVILEGE
------	-----------

SCOTTROLE	SELECT
-----------	--------

SCOTTROLE	DELETE
-----------	--------

SCOTTROLE	INSERT
-----------	--------

SCOTT>SPOOL OFF

---

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