

1. Create 4 tables to hold data from SYS.DBA\_OBJECTS and SYS.DBA\_TAB\_PRIVS for 11g and 12c In SBREXT 11g.

```
CREATE TABLE SBREXT.DEV11G_OBJECTS
```

```
(  
  OWNER      VARCHAR2(30 BYTE),  
  OBJECT_TYPE VARCHAR2(19 BYTE),  
  OBJECT_NAME VARCHAR2(128 BYTE)  
);
```

```
CREATE TABLE SBREXT.DEV11G_PRIVS
```

```
(  
  OWNER      VARCHAR2(30 BYTE),  
  GRANTEE     VARCHAR2(30 BYTE),  
  TABLE_NAME VARCHAR2(30 BYTE),  
  PRIVILEGE   VARCHAR2(40 BYTE)  
);
```

```
CREATE TABLE SBREXT.DEV12C_OBJECTS
```

```
(  
  OWNER      VARCHAR2(30 BYTE),  
  OBJECT_TYPE VARCHAR2(19 BYTE),  
  OBJECT_NAME VARCHAR2(128 BYTE)  
);
```

```
CREATE TABLE SBREXT.DEV12C_PRIVS
```

```
(  
  OWNER      VARCHAR2(30 BYTE),  
  GRANTEE     VARCHAR2(30 BYTE),  
  TABLE_NAME VARCHAR2(30 BYTE),  
  PRIVILEGE   VARCHAR2(40 BYTE)  
);
```

2. Create 4 control files for data upload:

- 1) ALL\_OBJECTS\_11G.ctl **(Optional for DEV and QA)**
- 2) ALL\_OBJECTS\_12C.ctl
- 3) ALL\_PRIVS\_11G.ctl **(Optional for DEV and QA)**
- 4) ALL\_PRIVS\_12C.ctl

3. Execute following query in SBR 12C and 11G**(Optional for DEV and QA):**

```
SELECT OWNER, OBJECT_TYPE, OBJECT_NAME  
FROM SYS.DBA_OBJECTS WHERE OWNER in ('SBR','SBREXT','MSDRDEV');
```

```
SELECT OWNER, GRANTEE, TABLE_NAME, PRIVILEGE
```

FROM SYS.DBA\_TAB\_PRIVS WHERE OWNER in ('SBR','SBREXT','MSDRDEV');

4. Create 4 csv from data output:

- 1) ALL\_OBJECTS\_11G.csv (**Optional for DEV and QA**)
- 2) ALL\_OBJECTS\_12C.csv
- 3) ALL\_PRIVS\_11G.csv (**Optional for DEV and QA**)
- 4) ALL\_PRIVS\_12C.csv

5. Upload data from these files via SQL loader into tables:

- 1) SBREXT.DEV11G\_OBJECTS (**Optional for DEV and QA**)
- 2) SBREXT.DEV11G\_PRIVS (**Optional for DEV and QA**)
- 3) SBREXT.DEV12C\_OBJECTS
- 4) SBREXT.DEV12C\_PRIVS

6. Compare the tables and find missing rows by running following statements:

1) **FOR DEV and QA**

SELECT OWNER, OBJECT\_TYPE, OBJECT\_NAME from SYS.DBA\_OBJECTS where owner in ('SBR','SBREXT','MSDRDEV')

MINUS

SELECT\*from SBREXT.DEV12C\_OBJECTS

ORDER by OWNER, OBJECT\_TYPE, OBJECT\_NAME;

SELECT OWNER, TABLE\_NAME, PRIVILEGE, GRANTEE from DBA\_TAB\_PRIVS where owner in ('SBR','SBREXT','MSDRDEV')

MINUS

SELECT\*from SBREXT.DEV12C\_PRIVS

ORDER by OWNER, TABLE\_NAME, PRIVILEGE, GRANTEE;

2) **FOR PROD and STAGE**

SELECT\*from SBREXT.DEV11G\_OBJECTS

MINUS

SELECT\*from SBREXT.DEV12C\_OBJECTS

ORDER by OWNER, OBJECT\_TYPE, OBJECT\_NAME;

SELECT\*from SBREXT.DEV11G\_PRIVS

MINUS

SELECT\*from SBREXT.DEV12C\_PRIVS

ORDER by OWNER, TABLE\_NAME, PRIVILEGE, GRANTEE;

7. Ignore objects with prefix SYS

: