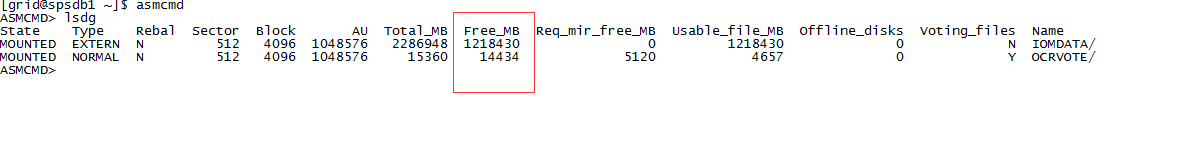
扩容前首先查询确认表空间磁盘情况：

# su - grid

$ asmcmd

ASMCMD> lsdg



确认空间的空间足够，再添加表空间。

添加方法：

$ su - oracle oracle用户

$ sqlplus / as sysdba 进入数据库

SQL> set linesize 200

SQL> set pagesize 300

SQL> col used% for a20

SQL> col FILE\_NAME for a60

查询表空间Sql:

select t.status,

t.file\_name,

t.tablespace\_name,

t.file\_id,

t.relative\_fno,

t.total,

(total - free) as "used",

round(100 \* (1 - (free / total)), 3) || '%' as "used",

autoextensible

from (select status,

file\_name,

tablespace\_name,

file\_id,

relative\_fno,

bytes / 1024 / 1024 / 1024 total,

autoextensible

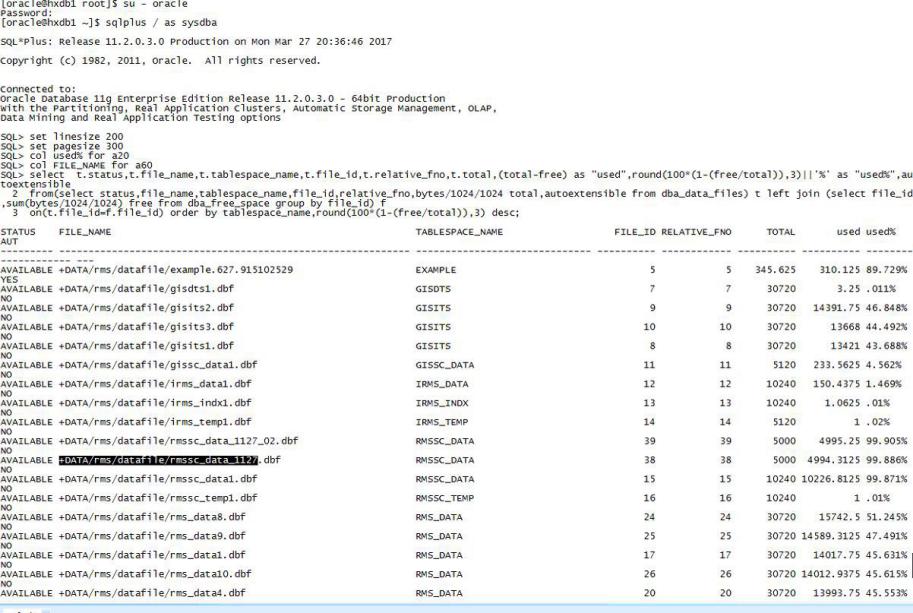
from dba\_data\_files) t

left join (select file\_id, sum(bytes / 1024 / 1024/ 1024) free

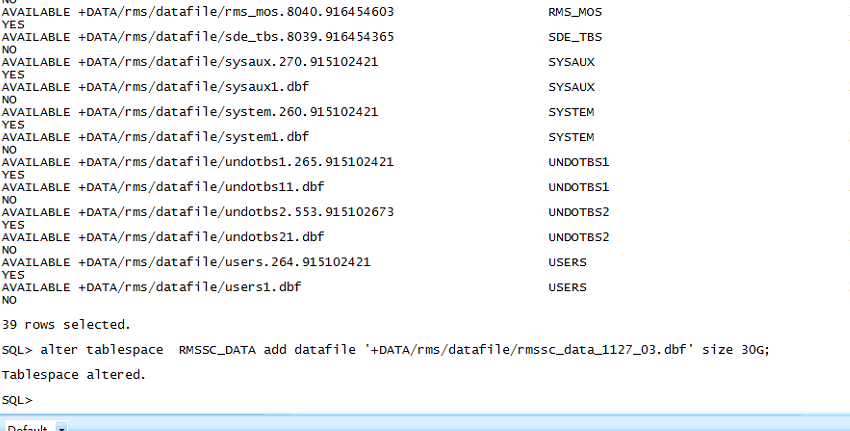
from dba\_free\_space

group by file\_id) f on (t.file\_id = f.file\_id)

order by tablespace\_name, round(100 \* (1 - (free / total)), 3) desc;



找出需要扩容的表空间，根据文件名向后加下标进行扩容。



扩数据文件

alter tablespace RMSSC\_DATA add datafile '+DATA/rms/datafile/rmssc\_data\_1127\_03.dbf' size 30G;

alter tablespace IOM\_DATA add datafile '+IOMDATA/iom/datafile/iomdata14.dbf' size 30G;

alter tablespace SPS\_DATA add datafile '+DATA/sps/datafile/sps\_data11.dbf' size 30G;

数据库TEMP临时表空间：

查询表空间使用大小：

select \*

from (Select a.tablespace\_name,

to\_char(a.bytes / 1024 / 1024, '99,999.999') total\_bytes,

to\_char(b.bytes / 1024 / 1024, '99,999.999') free\_bytes,

to\_char(a.bytes / 1024 / 1024 - b.bytes / 1024 / 1024,

'99,999.999') use\_bytes,

to\_char((1 - b.bytes / a.bytes) \* 100, '99.99') || '%' use

from (select tablespace\_name, sum(bytes) bytes

from dba\_data\_files

group by tablespace\_name) a,

(select tablespace\_name, sum(bytes) bytes

from dba\_free\_space

group by tablespace\_name) b

where a.tablespace\_name = b.tablespace\_name

union all

select c.tablespace\_name,

to\_char(c.bytes / 1024 / 1024, '99,999.999') total\_bytes,

to\_char((c.bytes - d.bytes\_used) / 1024 / 1024, '99,999.999') free\_bytes,

to\_char(d.bytes\_used / 1024 / 1024, '99,999.999') use\_bytes,

to\_char(d.bytes\_used \* 100 / c.bytes, '99.99') || '%' use

from (select tablespace\_name, sum(bytes) bytes

from dba\_temp\_files

group by tablespace\_name) c,

(select tablespace\_name, sum(bytes\_cached) bytes\_used

from v$temp\_extent\_pool

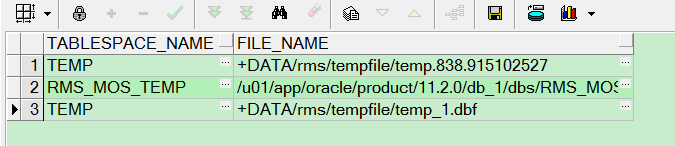
group by tablespace\_name) d

where c.tablespace\_name = d.tablespace\_name)

order by tablespace\_name;

查询是否扩展

select d.file\_name,d.tablespace\_name,d.autoextensible from dba\_temp\_files d;



获得TEMP表空间情况，增加表空间：

alter tablespace TEMP add tempfile '+DATA/rms/tempfile/temp\_1.dbf' size 10G;