

# Database Administrator's Guide

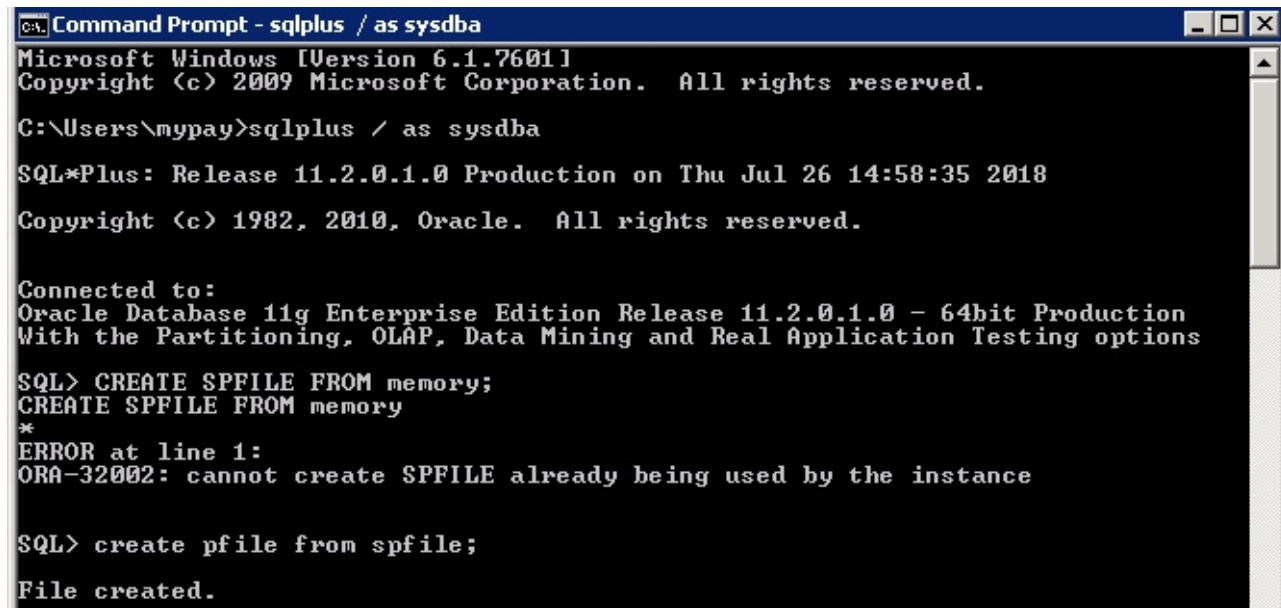
## login

```
sqlplus / as sysdba
```

## 备份oracle启动文件 spfile to pfile

oracle启动文件位置 C:\app\mypay\product\11.2.0\dbhome\_1\database\

```
create pfile from spfile;
```



```
Microsoft Windows [Version 6.1.7601]
Copyright (c) 2009 Microsoft Corporation. All rights reserved.

C:\Users\mypay>sqlplus / as sysdba

SQL*Plus: Release 11.2.0.1.0 Production on Thu Jul 26 14:58:35 2018

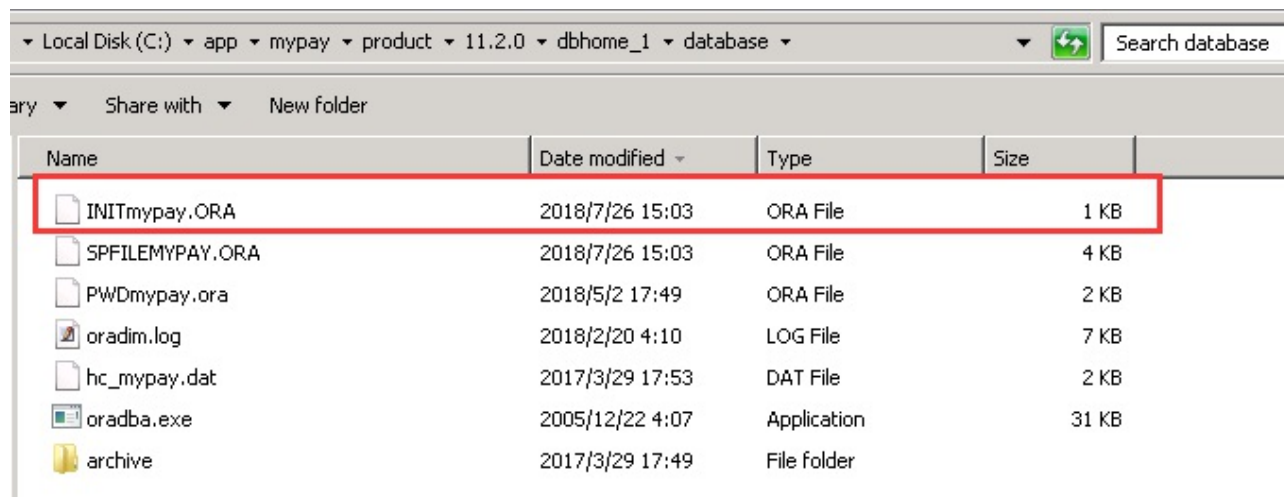
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Connected to:
Oracle Database 11g Enterprise Edition Release 11.2.0.1.0 - 64bit Production
With the Partitioning, OLAP, Data Mining and Real Application Testing options

SQL> CREATE SPFILE FROM memory;
CREATE SPFILE FROM memory
*
ERROR at line 1:
ORA-32002: cannot create SPFILE already being used by the instance

SQL> create pfile from spfile;

File created.
```



Name	Date modified	Type	Size
INITmypay.ORA	2018/7/26 15:03	ORA File	1 KB
SPFILEMYPAY.ORA	2018/7/26 15:03	ORA File	4 KB
PWDmypay.ora	2018/5/2 17:49	ORA File	2 KB
oradim.log	2018/2/20 4:10	LOG File	7 KB
hc_mypay.dat	2017/3/29 17:53	DAT File	2 KB
oradba.exe	2005/12/22 4:07	Application	31 KB
archive	2017/3/29 17:49	File folder	

## 查询目前设定数值

```
SHOW PARAMETER TARGET
```

```
SQL> SHOW PARAMETER TARGET
```

NAME	TYPE
VALUE	
archive_lag_target	integer
0	
db_flashback_retention_target	integer
1440	
fast_start_io_target	integer
0	
fast_start_mttr_target	integer
0	
memory_max_target	big integer
NAME	TYPE
VALUE	
13120M	
memory_target	big integer
13120M	
parallel_servers_target	integer
16	
pga_aggregate_target	big integer
0	
sga_target	big integer
0	

## 变更oracle 记忆体

```
ALTER SYSTEM SET MEMORY_MAX_TARGET=8G SCOPE=SPFILE;
```

## 把记忆体管体交接oracle自动调整

```
ALTER SYSTEM SET MEMORY_TARGET=6G SCOPE=SPFILE;  
ALTER SYSTEM SET PGA_AGGREGATE_TARGET=0 SCOPE=SPFILE;  
ALTER SYSTEM SET SGA_TARGET=0 SCOPE=SPFILE;
```

```
SQL> ALTER SYSTEM SET MEMORY_MAX_TARGET=8G SCOPE=SPFILE;  
System altered.  
SQL> ALTER SYSTEM SET MEMORY_TARGET=6G SCOPE=SPFILE;  
System altered.  
SQL> ALTER SYSTEM SET PGA_AGGREGATE_TARGET=0 SCOPE=SPFILE;  
System altered.  
SQL> ALTER SYSTEM SET SGA_TARGET=0 SCOPE=SPFILE;  
System altered.
```

## 关闭oracle

```
SHUTDOWN IMMEDIATE;
```

## 启动oracle

```
STARTUP;
```

```
SQL> SHUTDOWN IMMEDIATE;
Database closed.
Database dismounted.
ORACLE instance shut down.
SQL> STARTUP;
ORACLE instance started.

Total System Global Area 8551575552 bytes
Fixed Size 2192864 bytes
Variable Size 7113542176 bytes
Database Buffers 1426063360 bytes
Redo Buffers 9777152 bytes
Database mounted.
Database opened.
SQL> SHOW PARAMETER TARGET
```

## 确认参数

```
SHOW PARAMETER TARGET
```

```
SQL> SHOW PARAMETER TARGET

NAME                                 TYPE
-----
VALUE
-----
archive_lag_target                  integer
0
db_flashback_retention_target       integer
1440
fast_start_io_target                integer
0
fast_start_mttr_target              integer
0
memory_max_target                   big integer
NAME                                 TYPE
-----
VALUE
-----
8G
memory_target                       big integer
6G
parallel_servers_target             integer
32
pga_aggregate_target                big integer
0
sga_target                          big integer
0
SQL>
```

## 备份pfile

```
create pfile from spfile;
```

## 执行中发生错误，无法启动需要使用pfile重启oracle

```
startup pfile='C:\app\mypay\product\11.2.0\dbhome_1\database\INITmypay.ORA';
```

```
SQL> create pfile from spfile;
File created.
```

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 Desktop  
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Name	Date modified	Type	Size
INITmypay.ORA	2018/7/26 15:03	ORA File	1 KB
SPFILEMYPAY.ORA	2018/7/26 15:03	ORA File	1 KB