5장 SHARED SERVER 구성 실습

단계 1 - SHARED SERVER를 구성하기 위해서는 반드시 리스너가 기동되어 있어야 하며, DYNAMIC SERVICE REGISTRATION이어야 합니다.

[oracle@localhost ~]$ lsnrctl

LSNRCTL> stop
LSNRCTL> start
The listener supports no services
동적 이라는 이야기
The command completed successfully

LSNRCTL> service
Connecting to (DESCRIPTION=(ADDRESS=(PROTOCOL=TCP)(HOST=localhost)(PORT=1521)))
The listener supports no services
The command completed successfully

LSNRCTL> exit
[oracle@localhost ~]$ 

단계 2 SHARED SERVER 구성시 DISPATCHER 설정을 PFILE에서만 가능(WINDOWS, UNIX 공통)

[oracle@localhost ~]$ sqlplus 'sys/as sysdba'

SQL> show parameter spfile
?/dbs/spfile@.ora

SQL> create pfile from spfile
2
File created.

SQL> shutdown immediate

SQL> host
[oracle@localhost ~]$ cd /oracle/9.2.0.4/dbs/
[oracle@localhost dbs]$ ls
initdw.ora init.ora initorcl.ora lkORA9200 orapworcl spfileorcl.ora

[oracle@localhost dbs]$ rm -rf spfileorcl.ora

[oracle@localhost dbs]$ exit
exit
단계 3 INITORCL.ORA 하단에 DISPATCHER 관련 사항 추가

단계 4 설정 값 확인

NAME | TYPE
---|---
dispatchers | string
(protocol=tcp)(dispatchers=2) | 
max_dispatchers | integer
10 | 
mts_dispatchers | string
(protocol=tcp)(dispatchers=2) | 
mts_max_dispatchers | integer
10 |
SQL> show parameter shared_servers

<table>
<thead>
<tr>
<th>NAME</th>
<th>TYPE</th>
</tr>
</thead>
<tbody>
<tr>
<td>max_shared_servers</td>
<td>integer</td>
</tr>
<tr>
<td>10</td>
<td></td>
</tr>
<tr>
<td>shared_servers</td>
<td>integer</td>
</tr>
<tr>
<td>3</td>
<td></td>
</tr>
</tbody>
</table>

단계 5 리스너에 등록된 DISPATCHER의 정보 확인

[oracle@localhost ~]$ lsnrctl

LSNRCTL> service
Connecting to (DESCRIPTION=(ADDRESS=(PROTOCOL=TCP)(HOST=localhost)(PORT=1521)))
Services Summary...
Service "ORCL" has 1 instance(s).
  Instance "ORCL", status READY, has 3 handler(s) for this service...
    Handler(s):
        "DEDICATED" established:0 refused:0 state:ready
        LOCAL SERVER
        "D001" established:2 refused:0 current:2 max:1002 state:ready
        DISPATCHER <machine: localhost.localdomain, pid: 6399>
           (ADDRESS=(PROTOCOL=tcp)(HOST=localhost.localdomain)(PORT=32816))
        "D000" established:1 refused:0 current:1 max:1002 state:ready
        DISPATCHER <machine: localhost.localdomain, pid: 6396>
           (ADDRESS=(PROTOCOL=tcp)(HOST=localhost.localdomain)(PORT=32817))
The command completed successfully
LSNRCTL>

단계 6 다른 콘솔 창을 열어서 공유 서버 확인 → 창 1

[oracle@localhost ~]$ sqlplus 'system/ora92@orcl'
SQL*Plus: Release 9.2.0.4.0 - Production on Fri Aug 3 05:23:30 2007
Copyright (c) 1982, 2002, Oracle Corporation.  All rights reserved.
Connected to: Oracle9i Enterprise Edition Release 9.2.0.4.0 - Production
With the Partitioning and Oracle Data Mining options
JServer Release 9.2.0.4.0 - Production
SQL> li
1   select
2   sid
3   ,serial#
4   ,username
5   ,server
6+ from v$session

SQL> save 5.sql

SID     SERIAL#
---------- ----------
8           1

USERNAME                                                      SERVER
------------------------------------------------------------ ------------------
DEDICATED

14          55
SYSTEM                                                      SHARED

9 rows selected.

단계 7 다른 콘솔 창을 열어서 sys 접속 → 창2

[oracle@localhost ~]$ sqlplus "sys/ora92@orcl as sysdba"
SQL*Plus: Release 9.2.0.4.0 - Production on Fri Aug 3 05:24:16 2007
Copyright (c) 1982, 2002, Oracle Corporation. All rights reserved.
Connected to:
Oracle9i Enterprise Edition Release 9.2.0.4.0 - Production
With the Partitioning and Oracle Data Mining options
JServer Release 9.2.0.4.0 - Production

단계 8 창1 system 계정으로 스크립터 재실행

SQL> @5
SID     SERIAL#
---------- ----------
8           1

USERNAME                                                      SERVER
------------------------------------------------------------ ------------------
DEDICATED

DEDICATED
단계 8 다른 콘솔 창을 접속 확인 → 창3
[oracle@localhost ~]$ sqlplus scott/tiger
SQL*Plus: Release 9.2.0.4.0 - Production on Fri Aug 3 05:27:15 2007
Copyright (c) 1982, 2002, Oracle Corporation. All rights reserved.
Connected to:
Oracle9i Enterprise Edition Release 9.2.0.4.0 - Production
With the Partitioning and Oracle Data Mining options
JServer Release 9.2.0.4.0 - Production

단계 9 창1 system 계정으로 스크립트 재실행
SQL> @5

SID SERIAL#  
----------  
USERNAME SERVER
----------  
8 1  DEDICATED
9 25  
SYS  SHARED

12 32  
SCOTT DEDICATED
14 55  
SYSTEM SHARED

11 rows selected.
SQL>