11장 SHARED SERVER 구성 실습

단계 1 설정 확인

[oracle@localhost ~]$ lsnrctl
LSNRCTL for Linux: Version 10.2.0.1.0 - Production on 04-MAY-2008 00:53:10
Copyright (c) 1991, 2005, Oracle. All rights reserved.
Welcome to LSNRCTL, type "help" for information.
LSNRCTL> service
Connecting to (DESCRIPTION=(ADDRESS=(PROTOCOL=IPC)(KEY=EXTPROC1)))
Services Summary...
Service "PLSExtProc" has 1 instance(s).
   Instance "PLSExtProc", status UNKNOWN, has 1 handler(s) for this service...
      Handler(s):
      "DEDICATED" established:0 refused:0
      LOCAL SERVER
Service "orcl" has 1 instance(s).
   Instance "orcl", status READY, has 1 handler(s) for this service...
      Handler(s):
      "DEDICATED" established:328 refused:0 state:ready
      LOCAL SERVER
Service "orclXDB" has 1 instance(s).
   Instance "orcl", status READY, has 1 handler(s) for this service...
      Handler(s):
      "D000" established:0 refused:0 current:0 max:972 state:ready
      DISPATCHER <machine: localhost.localdomain, pid: 5248>
      (ADDRESS=(PROTOCOL=tcp)(HOST=localhost.localdomain)(PORT=32772))
Service "orcl_XPT" has 1 instance(s).
   Instance "orcl", status READY, has 1 handler(s) for this service...
      Handler(s):
      "DEDICATED" established:328 refused:0 state:ready
      LOCAL SERVER
The command completed successfully
LSNRCTL> exit

단계 2 SHARED SERVER 구성시 DISPATCHCER 설정

[oracle@localhost ~]$ sqlplus 'sys/as sysdba'
Connected to:
Oracle Database 10g Enterprise Edition Release 10.2.0.1.0 - Production
With the Partitioning, OLAP and Data Mining options
SQL> alter system
   2   set dispatchers='(protocol=tcp)(dispatchers=2)'
   3   ;
System altered.
SQL> alter system
    2  set max_dispatchers=10
    3  ;
System altered.

SQL>
    1  alter system
    2* set shared_servers=3
    3  ;
System altered.

SQL> alter system
    2  set max_shared_servers=10
    3  ;
System altered.

단계 4 설정 값 확인
SQL> show parameter dispatchers

<table>
<thead>
<tr>
<th>NAME</th>
<th>TYPE</th>
</tr>
</thead>
<tbody>
<tr>
<td>dispatchers</td>
<td>string (protocol=tcp)</td>
</tr>
<tr>
<td>(dispatchers=2)</td>
<td></td>
</tr>
<tr>
<td>max_dispatchers</td>
<td>integer</td>
</tr>
<tr>
<td>10</td>
<td></td>
</tr>
<tr>
<td>mts_dispatchers</td>
<td>string (protocol=tcp)</td>
</tr>
<tr>
<td>(dispatchers=2)</td>
<td></td>
</tr>
<tr>
<td>mts_max_dispatchers</td>
<td>integer</td>
</tr>
<tr>
<td>10</td>
<td></td>
</tr>
</tbody>
</table>

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 다비 재시작 및 리스너 재시작

SQL> shutdown immediate;
Database closed.
Database dismounted.
ORACLE instance shut down.

SQL> host
[oracle@localhost ~]$ lsnrctl stop
LSNRCTL for Linux: Version 10.2.0.1.0 - Production on 04-MAY-2008 01:02:24
Copyright (c) 1991, 2005, Oracle. All rights reserved.
Connecting to (DESCRIPTION=(ADDRESS=(PROTOCOL=IPC)(KEY=EXTPROC1)))
The command completed successfully

[oracle@localhost ~]$ exit
exit

SQL> startup
ORACLE instance started.
Total System Global Area 281018368 bytes
Fixed Size 1218968 bytes
Variable Size 88082024 bytes
Database Buffers 188743680 bytes
Redo Buffers 2973696 bytes
Database mounted.
Database opened.

단계 5 설정 확인
[oracle@localhost ~]$ lsnrctl

LSNRCTL> start
Starting /u01/app/oracle/product/10.2.0/db_1/bin/tnslsnr: please wait...
TNSLSNR for Linux: Version 10.2.0.1.0 - Production
System parameter file is /u01/app/oracle/product/10.2.0/db_1/network/admin/listener.ora
Log messages written to /u01/app/oracle/product/10.2.0/db_1/network/log/listener.log
Listening on: (DESCRIPTION=(ADDRESS=(PROTOCOL=ipc)(KEY=EXTPROC1)))
Listening on: (DESCRIPTION=(ADDRESS=(PROTOCOL=tcp)(HOST=localhost.localdomain)(PORT=1521)))
Connecting to (DESCRIPTION=(ADDRESS=(PROTOCOL=IPC)(KEY=EXTPROC1)))
STATUS of the LISTENER

------------------------
Alias LISTENER
Version TNSLSNR for Linux: Version 10.2.0.1.0 - Production
Start Date 04-MAY-2008 00:56:38
Uptime 0 days 0 hr. 0 min. 0 sec
Trace Level off
Security ON: Local OS Authentication
SNMP OFF
Listener Parameter File   /u01/app/oracle/product/10.2.0/db_1/network/admin/listener.ora
Listener Log File         /u01/app/oracle/product/10.2.0/db_1/network/log/listener.log

Listening Endpoints Summary...
  (DESCRIPTION=(ADDRESS=(PROTOCOL=ipc)(KEY=EXTPROC1)))
  (DESCRIPTION=(ADDRESS=(PROTOCOL=tcp)(HOST=localhost.localdomain)(PORT=1521)))

Services Summary...
Service "PLSExtProc" has 1 instance(s).
  Instance "PLSExtProc", status UNKNOWN, has 1 handler(s) for this service...
The command completed successfully

LSNRCTL> service
Connecting to (DESCRIPTION=(ADDRESS=(PROTOCOL=IPC)(KEY=EXTPROC1)))

Services Summary...
Service "PLSExtProc" has 1 instance(s).
  Instance "PLSExtProc", status UNKNOWN, has 1 handler(s) for this service...
    Handler(s):
      "DEDICATED" established:0 refused:0
      LOCAL SERVER

Service "orcl" has 1 instance(s).
  Instance "orcl", status READY, has 3 handler(s) for this service...
    Handler(s):
      "D001" established:4 refused:0 current:3 max:972 state:ready
        DISPATCHER <machine: localhost.localdomain, pid: 19927>
          (ADDRESS=(PROTOCOL=tcp)(HOST=localhost.localdomain)(PORT=40508))
      "D000" established:5 refused:0 current:5 max:972 state:ready
        DISPATCHER <machine: localhost.localdomain, pid: 19925>
          (ADDRESS=(PROTOCOL=tcp)(HOST=localhost.localdomain)(PORT=40503))
      "DEDICATED" established:1 refused:0 state:ready
      LOCAL SERVER

Service "orcl_XPT" has 1 instance(s).
  Instance "orcl", status READY, has 3 handler(s) for this service...
    Handler(s):
      "D001" established:4 refused:0 current:3 max:972 state:ready
        DISPATCHER <machine: localhost.localdomain, pid: 19927>
          (ADDRESS=(PROTOCOL=tcp)(HOST=localhost.localdomain)(PORT=40508))
      "D000" established:5 refused:0 current:5 max:972 state:ready
        DISPATCHER <machine: localhost.localdomain, pid: 19925>
          (ADDRESS=(PROTOCOL=tcp)(HOST=localhost.localdomain)(PORT=40503))
      "DEDICATED" established:1 refused:0 state:ready
      LOCAL SERVER

The command completed successfully

LSNRCTL>