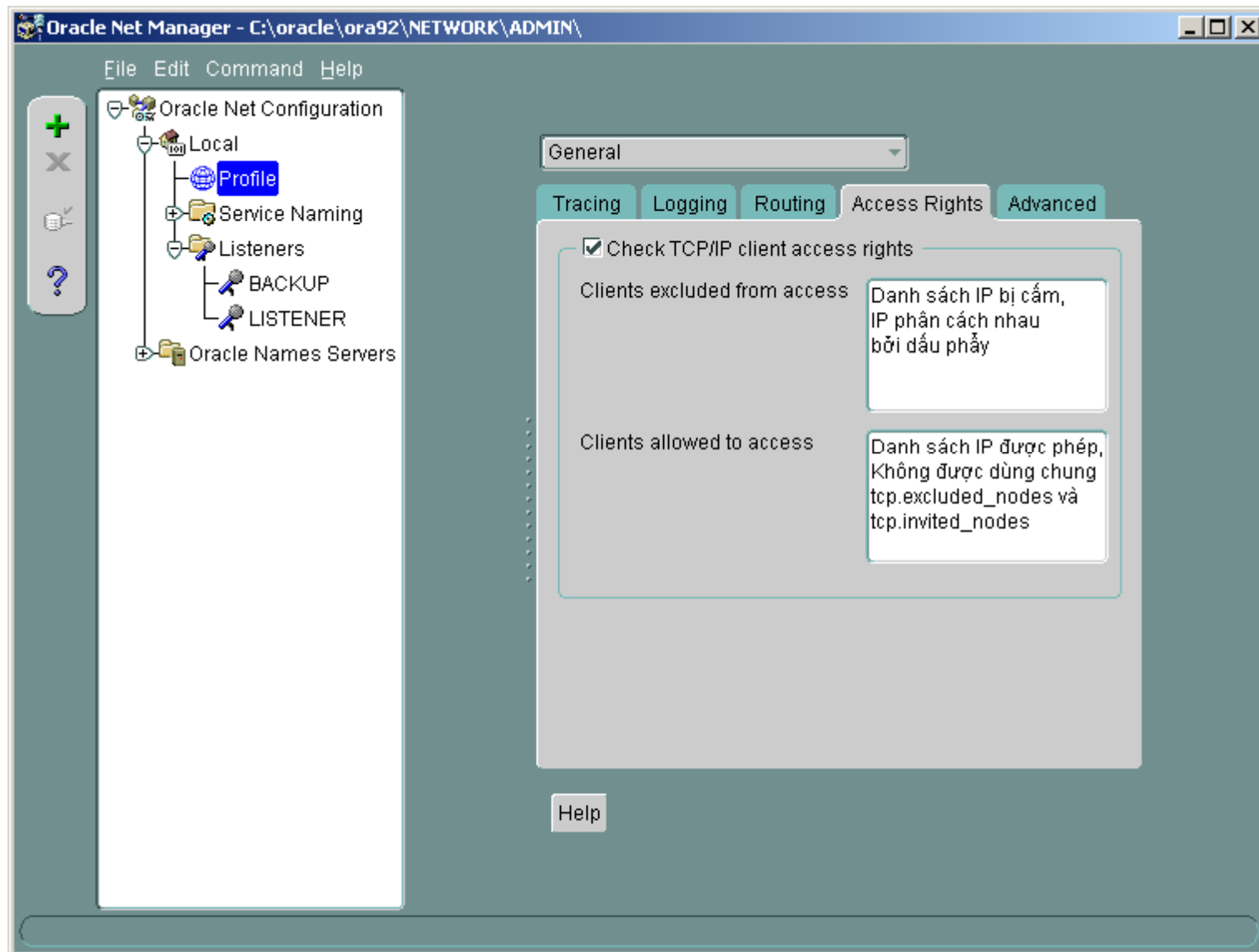


# B c 8: Gi i h n IP truy c p - netmgr



- Khai báo danh sách IP trong File
  - Oracle8i: protocol.ora
  - Oracle9i: sqlnet.ora
- Danh sách IP c k t n i n Oracle Database
  - TCP.INVITED\_NODES = (10.151.70.40, 10.151.70.41)
- Danh sách IP không c k t n i n Oracle Database
  - TCP.EXCLUDED\_NODES = (10.151.70.42)
- TCP.VALIDNODE\_CHECKING = YES

## B c 8: Gi i h n IP truy c p – ví d



- Khai báo trong sqlnet.ora

```
tcp.validnode_checking = yes  
tcp.invited_nodes = (x.x.x.x | name, x.x.x.x | name)  
tcp.excluded_nodes=( x.x.x.x | name, x.x.x.x | name)
```

- L i ORA-12537 khi k t n i t IP b ch n

```
$ sqlplus scott/tiger@payrolldb1  
SQL*Plus: Release 9.2.0.4.0 - Production on Tue Jan 20 9:03:33 2004  
Copyright (c) 1982, 2002, Oracle Corporation. All rights reserved.  
  
ERROR: ORA-12537: TNS:connection closed  
Enter user-name:|
```

## B c 8: Gi i h n IP truy c p - Trigger



- Dùng Trigger: AFTER LOGON ON DATABASE

```
create or replace trigger valid_ip
after logon on database
begin
    if sys_context('USERENV','IP_ADDRESS') not in ('10.151.70.9') then
        raise_application_error (-20001,'Login not allowed from this IP');
    end if;
end;
```

```
ERROR:
ORA-00604: error occurred at recursive SQL level 1
ORA-20001: Login not allowed from this IP
ORA-06512: at line 5
```