

Oracle同时访问多个SQLServer的事项方法 PDF转换可能丢失  
图片或格式，建议阅读原文

[https://www.100test.com/kao\\_ti2020/278/2021\\_2022\\_Oracle\\_E5\\_90\\_8C\\_E6\\_c102\\_278631.htm](https://www.100test.com/kao_ti2020/278/2021_2022_Oracle_E5_90_8C_E6_c102_278631.htm)

如何在Oracle里设置访问多个SQL Server数据库？假设我们要在Oracle里同时能访问SQL Server里默认的pubs和Northwind两个数据库。1、在安装了Oracle9i Standard Edition或者Oracle9i Enterprise Edition的windows机器上(IP:192.168.0.2), 产品要选了透明网关(Oracle Transparent Gateway)里访问Microsoft SQL Server数据库

ORACLE9I\_HOME\etg4msqladmin下新写initpubs.ora

和initnorthwind.ora配置文件. initpubs.ora内容如下:

```
HS_FDS_CONNECT_INFO="SERVER=SQLSERVER_HOSTNAME.  
MAE. DATABASE=pubs"
```

```
HS_DB_NAME=pubs  
HS_FDS_TRACE_LEVEL=OFF
```

```
HS_FDS_RECOVERY_ACCOUNT=RECOVER
```

```
HS_FDS_RECOVERY_PWD=RECOVER  
initnorthwind.ora内容如下:
```

```
HS_FDS_CONNECT_INFO="SERVER=sqlserver_hostname.  
DATABASE=Northwind"
```

```
HS_DB_NAME=Northwind
```

```
HS_FDS_TRACE_LEVEL=OFF
```

```
HS_FDS_RECOVERY_ACCOUNT=RECOVER
```

```
HS_FDS_RECOVERY_PWD=RECOVER
```

\$ORACLE9I\_HOME\networkadmin 下listener.ora内容如下:

```
LISTENER = (DESCRIPTION_LIST = (DESCRIPTION =  
(ADDRESS_LIST = (ADDRESS = (PROTOCOL = TCP)(HOST =  
192.168.0.2)(PORT = 1521))) ) ) SID_LIST_LISTENER =
```

```
(SID_LIST = (SID_DESC = (GLOBAL_DBNAME = test9)
(ORACLE_HOME = d:oracleora92) (SID_NAME = test9) )
(SID_DESC= (SID_NAME=pubs)
(ORACLE_HOME=d:OracleOra92) (PROGRAM=tnsping) ) )
(SID_DESC= (SID_NAME=northwind)
(ORACLE_HOME=d:OracleOra92) (PROGRAM=tnsping) ) ) 重
启动这台做gateway的Windows机器
上(IP:192.168.0.2)TNSListener服务(凡是按此步骤新增可访问
的SQL Server数据库时，TNSListener服务都要重新启动)。 2
、 Oracle8i，Oracle9i的服务器端配置tnsnames.ora, 添加下面的
内容: pubs = (DESCRIPTION = (ADDRESS_LIST = (ADDRESS
= (PROTOCOL = TCP)(HOST = 192.168.0.2)(PORT = 1521)) )
(CONNECT_DATA = (SID = pubs) ) (HS = pubs) ) northwind =
(DESCRIPTION = (ADDRESS_LIST = (ADDRESS =
(PROTOCOL = TCP)(HOST = 192.168.0.2)(PORT = 1521)) )
(CONNECT_DATA = (SID = northwind) ) (HS = northwind) ) 保
存tnsnames.ora后,在命令行下 tnsping pubs tnsping northwind 出
现类似提示，即为成功: Attempting to contact (DESCRIPTION
= (ADDRESS_LIST = (ADDRESS = (PROTOCOL = TCP)(HOST
= 192.168.0.2) (PORT = 1521))) (CONNECT_DATA = (SID =
pubs)) (HS = pubs)) OK ( 20毫秒 ) Attempting to contact
(DESCRIPTION = (ADDRESS_LIST = (ADDRESS =
(PROTOCOL = TCP)(HOST = 192.168.0.2) (PORT = 1521)))
(CONNECT_DATA = (SID = northwind)) (HS = northwind))OK
( 20毫秒 ) 设置数据库参数global_names=false。 设
置global_names=false不要求建立的数据库链接和目的数据库的
```

全局名称一致。global\_names=true则要求,多少有些不方便。  
oracle9i和oracle8i都可以在DBA用户下用SQL命令改  
变global\_names参数 alter system set global\_names=false. 建立公有的  
数据库链接: create public database link pubs connect to testuser  
identified by testuser\_pwd using ' pubs '. create public database  
link northwind connect to testuser identified by testuser\_pwd using  
' northwind '. (假设SQL Server下pubs和northwind已有足够权  
限的用户登陆testuser,密码为testuser\_pwd) 100Test 下载频道开  
通,各类考试题目直接下载。详细请访问 [www.100test.com](http://www.100test.com)