

Upravljanje Oracle bazama podataka – Lab #9

Kreiranje DB link-a

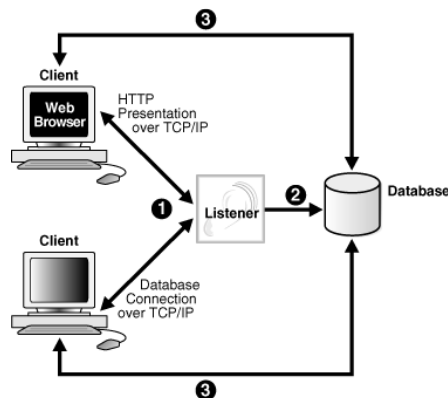
Zadaci laba

1. U ovom labu potrebno je spojiti se na bazu koja se nalazi na nekom drugom računalu.

- 1) Saznajte sve potrebne podatke potrebne za spajanje na susjednu bazu te ubacite TNS baze na koju se spajate u datoteku *tnsnames.ora* kao u primjeru ispod.

```
UPBAPOD =  
  (DESCRIPTION =  
    (ADDRESS_LIST =  
      (ADDRESS = (PROTOCOL = TCP) (HOST = ossw.unist.hr) (PORT = 1521))  
    )  
    (CONNECT_DATA =  
      (SID = TZUL1)  
    )  
  )  
)
```

- 2) Na računalu na kojem se nalazi baza potrebno je da bude pokrenut listener. Sljedeća slika prikazuje njegovu funkciju.



```
C:\>lsnrctl start
```

```
LSNRCTL for 32-bit Windows: Version 11.2.0.1.0 - Production on 19-SVI-2016  
12:30:49
```

```
Copyright (c) 1991, 2010, Oracle. All rights reserved.
```

```
Starting tnslnsr: please wait...
```

```
TNSLSNR for 32-bit Windows: Version 11.2.0.1.0 - Production  
System parameter file is  
C:\app\tzul1\product\11.2.0\dbhome_1\network\admin\listener.ora  
Log messages written to c:\app\tzul1\diag\tnslnsr\listener>alert\log.xml
```

```
Listening on: (DESCRIPTION=(ADDRESS=(PROTOCOL=tcp) (HOST=
ossw.unist.hr) (PORT=1521)))
```

```
Connecting to (ADDRESS=(PROTOCOL=tcp) (HOST=) (PORT=1521))
STATUS of the LISTENER
```

```
-----
Alias                LISTENER
Version              TNSLSNR for 32-bit Windows: Version 11.2.0.1.0 -
Production
Start Date           19-SVI-2016 12:30:55
Uptime               0 days 0 hr. 0 min. 5 sec
Trace Level          off
Security             ON: Local OS Authentication
SNMP                 OFF
Listener Parameter File
C:\app\tzul1\product\11.2.0\dbhome_1\network\admin\listener.ora
Listener Log File    c:\app\tzul1\diag\tnslsnr\listener>alert\log.x
ml
Listening Endpoints Summary...
  (DESCRIPTION=(ADDRESS=(PROTOCOL=tcp) (HOST=ossw.unist.hr) (PORT=1521)))
The listener supports no services
The command completed successfully
```

- 3) Iz Command Prompt-a vašeg računala pokrenite naredbu `tnsping tns_name` za provjeru dostupnosti baze na koju se spajate.

```
C:\>tnsping upbapod
```

```
TNS Ping Utility for 32-bit Windows: Version 11.2.0.1.0 - Production on 19-
SVI-2016 12:31:02
```

```
Copyright (c) 1997, 2010, Oracle. All rights reserved.
```

```
Used parameter files:
```

```
C:\app\tzul\product\11.2.0\dbhome_1\network\admin\sqlnet.ora
```

```
Used TNSNAMES adapter to resolve the alias
```

```
Attempting to contact (DESCRIPTION = (ADDRESS_LIST = (ADDRESS = (PROTOCOL =
TCP) (HOST = ossw.unist.hr) (PORT = 1521))) (CONNECT_DATA = (SID = TZUL1)))
```

```
OK (10 msec)
```

```
C:\>
```

- 4) Spojite se na BOLEK shemu baze i kreirajte DB link prema predlošku ispod. Schema_name i schema_pwd su ime i lozinka scheme na koju se spajate preko DB linka. Tns_name je ono koje ste odredili u tnsnames.ora datoteci (UPBAPOD).

```
CREATE DATABASE LINK REMOTE_BASE
CONNECT TO schema_name
IDENTIFIED BY schema_pwd
USING 'TNS_name';
```

- 5) Korištenjem CTAS postupka kreirajte novu tablicu na vašoj bazi iste strukture i podataka kao kod izvorišne tablice na udaljenoj bazi.

```
CREATE TABLE VENDOR_COPY AS SELECT * FROM VENDOR@UPBAPOD;
```