

Configuration Files For Database Network Access

Tnsnames.ora : Basic Syntax

```
<alias>= (DESCRIPTION_LIST = # Optional depending on whether u have
          (DESCRIPTION=
            (ADDRESS_LIST= # Optional depending on whether u have
              (ADDRESS=
                (PROTOCOL=tcp)
                (HOST=<hostname>)
                (PORT=<portnumber (1521 is a standard port used)>))
            )
          )
          (CONNECT_DATA=
            (SID/SERVICE_NAME=<oracle_sid>))
        )
    )
)
```

for.eg.

```
my145=(DESCRIPTION_LIST = # Optional depending on whether u have
      (DESCRIPTION=
        (ADDRESS_LIST= # Optional depending on whether u have
          (ADDRESS=
            (PROTOCOL=tcp)
            (HOST=sipl-145)
            (PORT=1523))
        )
      )
      (CONNECT_DATA=
        (SERVICE_NAME=aein))
    )
)
```

=====

Listener.ora : Basic Syntax

```
LISTENER =
  (ADDRESS_LIST=
    (ADDRESS=(PROTOCOL=tcp)(HOST=<hostname>)(PORT=1521)))
SID_LIST_LISTENER=
(SID_LIST=
  (SID_DESC=
    (SID_NAME=sid1)
    #(ORACLE_HOME=/private/app/oracle/product/8.0.3)
  )
)
```

for.e.g.

```
LISTENER =
  (ADDRESS_LIST=
    (ADDRESS=(PROTOCOL=tcp)(HOST=sipl-172)(PORT=1522)))
SID_LIST_LISTENER=
(SID_LIST=
  (SID_DESC=
    (SID_NAME=cars)
    #(ORACLE_HOME=/private/app/oracle/product/8.0.3)
  )
)
```

Screenshots:

tnsnames.ora (you can add multiple connections).

```
my145=(DESCRIPTION_LIST = # Optional depending on whether u have
  (DESCRIPTION=
    (ADDRESS_LIST= # Optional depending on whether u have
      (ADDRESS=
        (PROTOCOL=tcp)
        (HOST=sipl-145)
        (PORT=1523)
      )
    )
    (CONNECT_DATA=
      (SERVICE_NAME=aein)
    )
  )
)
my136=(DESCRIPTION_LIST = # Optional depending on whether u have
  (DESCRIPTION=
    (ADDRESS_LIST= # Optional depending on whether u have
      (ADDRESS=
        (PROTOCOL=tcp)
        (HOST=sipl-136)
        (PORT=1524)
      )
    )
    (CONNECT_DATA=
      (SID=SUN)
    )
  )
)
```

listener.ora

```
LISTENER =
  (ADDRESS_LIST=
    (ADDRESS=(PROTOCOL=tcp)(HOST=sipl-172)(PORT=1522)))
SID_LIST_LISTENER=
(SID_LIST=
  (SID_DESC=
    (SID_NAME=cars)
    #(ORACLE_HOME=/private/app/oracle/product/8.0.3)
  )
)
#DEFAULT_SERVICE_LISTENER=cars
~
```