

# ??????

## ?? DB Instance

```
groupadd db2adm
useradd -g db2adm -c "DB2 Instance User" -d /devinst devinst

cd /opt/ibm/db2/V9.7/instance/
./db2icrt -s ese -u devinst devinst

# for Client only
./db2icrt -s client <app-username>
```

## ?? Instance

```
cd /opt/ibm/db2/V11.1/instance

# List current instances
./db2ilist

# Remove the instance
# NOTE: The directory sqllib/ is supposed to be deleted after removing instance.
# If it isn't for some reason you have to manually remove the directory sqllib/ in the home directory.
./db2idrop <instance-name-id>
```

## ?? DB2 ???

????:

- ?? license ???? DB Instance ???
- ??????????????
  - db2aese\_c.lic - DB2 Advanced Enterprise Server Edition(aese), CPU License type(\_c)
  - db2ese\_c.lic - DB2 Enterprise Server Edition(ese), CPU License type(\_c)
  - db2wse\_c.lic - DB2 Workgroup Server Edition(wse)?CPU License type(\_c)
  - db2aese\_t.lic - DB2 Advanced Enterprise Server Edition(aese), Trial License type(\_t)
- ??????????????

- V9.1 ? V9.7 ???????

## TIP

```
“ _c ? CPU ??  
_t ???  
_u ? USER ???
```

????

```
su - db2inst  
unzip DB2_AESE_CPU_QS_Activation_97.zip  
cd aese_c/
```

????????

```
db2licm -l
```

```
“ Product name: "DB2 Advanced Enterprise Server Edition"  
License type: "License not registered"  
Expiry date: "License not registered"  
Product identifier: "db2aese"  
Version information: "9.7"
```

```
db2level
```

```
“ DB21085I This instance or install (instance name, where applicable:  
"mydev")  
uses "64" bits and DB2 code release "SQL0907B" with level identifier  
"080C0107".  
Informational tokens are "DB2 v9.7.0.11", "s150922", "IP23944", and Fix  
Pack  
"11".  
Product is installed at "/opt/ibm/db2/V9.7".
```

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```
db2licm -a db2/license/db2aese_c.lic
```

“ LIC1402I License added successfully.

LIC1426I This product is now licensed for use as outlined in your License Agreement. USE OF THE PRODUCT CONSTITUTES ACCEPTANCE OF THE TERMS OF THE IBM LICENSE AGREEMENT, LOCATED IN THE FOLLOWING DIRECTORY: "/opt/ibm/db2/V9.7/license/en\_US.iso88591"

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```
db2licm -l
```

“ Product name: "DB2 Advanced Enterprise Server Edition"  
License type: "CPU Option"  
Expiry date: "Permanent"  
Product identifier: "db2aese"  
Version information: "9.7"  
Enforcement policy: "Soft Stop"

TIPs:

“ ???????????

```
db2licm -r [Product identifier]
```

## DB2 Instance ??

```
#> su - mydev
$> db2 "update dbm cfg using svcname DB2_mydev"
$> db2set DB2COMM=TCPIP
$> db2set DB2CODEPAGE=950
$> db2set DB2AUTOSTART=NO
$> db2start
$> ps -ef | grep db2sysc
```

TIPs:

“ ???????? Port????? /etc/services?

## DBM cfg

```
$> db2 "update dbm cfg using HEALTH_MON OFF"
$> db2 "update dbm cfg using DIAGSIZE 50"
```

## DB cfg

```
## Turn some AUTO* options off
$> db2 "update db cfg for <db-name> using AUTO_MAINT off"
$> db2 "update db cfg for <db-name> using AUTO_TBL_MAINT off"
$> db2 "update db cfg for <db-name> using AUTO_RUNSTATS off"
$> db2 "update db cfg for <db-name> using AUTO_STMT_STATS off"

## Set the Active Log
$> db2 "update db cfg for DEVMMDB using LOGFILSIZ 12800"
$> db2 "update db cfg for DEVMMDB using LOGPRIMARY 10"
$> db2 "update db cfg for DEVMMDB using LOGSECOND 10"
$> db2 "update db cfg for DEVMMDB using NEWLOGPATH /home/devmm/DEVMMDB/log"
$> db2 "update db cfg for DEVMMDB using BLK_LOG_DSK_FUL YES"

## If enabled HADR
$> db2 "update db cfg for <db-name> using BLOCKNONLOGGED yes"
```

## ?????? db2dump ??

???? db2dump ??????????????????????????????

```
$> mkdir db2dump
$> chmod 0777 db2dump
$> chmod g+s db2dump
$> chmod o+t db2dump
$> ls -l db2dump
drwxrwsrwt 3 istdw db2adm 4096 Aug 11 16:40 db2dump/
```

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Revision #7

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