

# Install: DB2 v11 on RedHat

DB2 Database Server v11.1.4fp5

?????

???????

```
# RedHat/CentOS 6/7
yum install libaio ksh rsh-server sg3_utils pam-devel nfs-utils compat-libstdc++-33
yum install libstdc++.i686 pam-devel.i686 compat-libstdc++-33.i686

# RedHat/CentOS 8
yum install libaio ksh sg3_utils pam-devel nfs-utils
yum install libstdc++.i686 pam-devel.i686
```

“ TIP: ?????????????????? db2prereqcheck  
??

DBT3507E The db2prereqcheck utility failed to find the following package or file: "sg3\_utils".

????

- Command: `db2prereqcheck -i -o log-file`
- Command: `db2_install -f NOTSAMP -l log-file`
- NOTSAMP: Specifies that IBM Tivoli® System Automation for Multiplatforms (SA MP) should not be either installed or updated.

```
tar xzf DB2_AESE_PVU_11.1_Svr_Linux_86-64.tar.gz
cd server_aese_c/
./db2prereqcheck -i
./db2_install -f NOTSAMP
```

```

*****
Install into default directory (/opt/ibm/db2/V11.1) ? [yes/no]

yes <===

Specify one of the following keywords to install DB2 products.

SERVER
CONSV
CLIENT
RTCL

Enter "help" to redisplay product names.

Enter "quit" to exit.

*****

SERVER <===

```

## ?? FixPack

- Command: `installFixPack -l log-file`

```

tar xzf v11.1.4fp5_linuxx64_universal_fixpack.tar.gz
cd universal/
./db2prereqcheck -i
./installFixPack

```

“ Enter the full path of the base installation directory:

```

-----
/opt/ibm/db2/V11.1 <== ???????

Do you want to choose a different installation directory for the fix pack?
[yes/no]

-----
no <==

```

???

## ???? (Optional)

```
/opt/IBM/db2/V11.1/bin/db2val -o -l db2val.log
```

## db2\_deinstall

??

```
cd /path/to/db2_installer
./db2_deinstall -a
```

????????????? FixPack??????

```
# □□□□□□□□□□ /opt/IBM/db2/V11.1
cd /path/to/db2_installer
./installFixPack -f level -b /opt/IBM/db2/V11.1
```

## FAQ

### db2prereqcheck Error

Q: ? Fixpack 6+ ???????? db2prereqcheck ???????

“ Validating "ipcmni\_extend kernel parameter " ...  
WARNING : Requirement not matched.

A: ?????? RAM ?? 128 GB????????????? RAM ?? 128 GB????? kernel  
????????????????????????????????????? kernel ?????? ipcmni\_extend?????????

<https://access.redhat.com/solutions/4968021?>

### db2\_install Hang

?? db2\_install ?????????? Registering DB2 Updated Service



```
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/fillspacexxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx
xxxxxxxx:/marker2_for_chglibpath:/opt/IBM/db2/V11.1/lib64:/opt/IBM/db2/V
11.1/lib64/gskit:/usr/lib/threads:/usr/lib/lib_64:/usr/lib
```

ACTION: Please run /opt/IBM/db2/V11.1/install/db2chgpath and rerun the previous command.

Contact IBM Support if the problem persists.

??????? db2 ?????????????? kill????? db2fmcd?????? /etc/inittab ?? respawn ?? off ?

```
fmc:2:off:/opt/IBM/db2/V11.1/bin/db2fmcd #DB2 Fault Monitor Coordinator
```

???? Kill <PID>?

??? root ?????????? 17 ???

```
/opt/IBM/db2/V11.1/install/db2chgpath
```

“ Tip: ?????????????? DB2 ?????? db2icrt ?????? db2chgpath ?????