

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

“ Task #56 start

Description: Registering DB2 Update Service

Estimated time 30 second(s)

Solution:

1. ?? /etc/netsvc.conf : ????? (???)
2. ?? /etc/resolv.conf : ?? DNS Server ??????????????

??????????

```
nslookup www.ibm.com
```

installFixPack Error

?? installFixPack ????

“ DBI1131E The user ID ERROR: is invalid.

?????? AIX VM with qemu ????????????

????????

1. ?? `ls -l | grep db2` : ????? (???? db2fmcd?????)
2. ?? `fuser -f /opt/IBM/db2/V11.1` : ????? (???? db2fmcd?????)
3. ?? `/opt/IBM/db2/V11.1/instance/db2ilist` : ????????????

```
/opt/IBM/db2/V11.1/instance/db2ilist:
```

```
❗ ERROR: The embedded runtime path in /opt/IBM/db2/V11.1/bin/db2 is
incorrect:
```

```
/DoNotCreateThisPath_marker1_for_chglibpath:/view/db2_v111_aix64_s16
06081100/vbs/INST/lib:/view/db2_v111_aix64_s1606081100/vbs/INST/lib/gs
kit:/view/db2_v111_aix64_s1606081100/vbs/engn/lib:/view/db2_v111_aix64
_s1606081100/vbs/common/lib/RS6000_64L:/view/db2_v111_aix64_s16060
81100/vbs/das/lib/RS6000_64L:/view/db2_v111_aix64_s1606081100/vbs/bl
dsupp/lib:/view/db2_v111_aix64_s1606081100/vbs/system/fm/lib/RS6000_6
4L:/view/db2_v111_aix64_s1606081100/vbs/bldsupp/aix64/vacpp/usr/lib:/fill
spacexxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx
xxxxxx:/fillspacexxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx
xxxxxxxxxxxxxxxxxx:/fillspacexxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx
```

```
xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx:/fillspacexxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx
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xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx:/fillspacexx
xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx:
/fillspacexxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx
xxxxxxxxxx:/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 ?????

Revision #37

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