

【debug】centos7

場景

centos7服務器使用nvm安裝的node之後，只要使用npm或者node，均會出現以下問題

<https://www.cnblogs.com/dingshaohua/p/17103654.html>

```
xxxxxxxxxx
```

1

```
[root@172 ~]# npm -v
```

2

```
node: /lib64/libm.so.6: version `GLIBC_2.27' not found (required by node)
```

3

```
node: /lib64/libc.so.6: version `GLIBC_2.25' not found (required by node)
```

4

```
node: /lib64/libc.so.6: version `GLIBC_2.28' not found (required by node)
```

5

```
node: /lib64/libstdc++.so.6: version `CXXABI_1.3.9' not found (required by node)
```

6

```
node: /lib64/libstdc++.so.6: version `GLIBCXX_3.4.20' not found (required by node)
```

7

```
node: /lib64/libstdc++.so.6: version `GLIBCXX_3.4.21' not found (required by node)
```

8

原因

查看系統內安裝的glibc版本

然後再根據分析可得知新版的node v18開始都需要GLIBC_2.27支持，可是目前系統內卻沒有那麼高的版本

```
xxxxxxxxxx
```

1

```
[root@172 glibc-2.28]# strings /lib64/libc.so.6 |grep GLIBC_
```

2

```
GLIBC_2.2.5
```

3

```
...
```

4

```
GLIBC_2.17
```

5

```
....
```

6

解決辦法

更新glibc

根據提示安裝所需要的glibc-2.28

```
xxxxxxxxxx
```

```
wget http://ftp.gnu.org/gnu/glibc/glibc-2.28.tar.gz
```

2

```
tar xf glibc-2.28.tar.gz
```

3

```
cd glibc-2.28/ && mkdir build && cd build
```

4

```
../configure --prefix=/usr --disable-profile --enable-add-ons --with-headers=/usr/include --with-binutils=/usr/bin
```

5

可能出現的錯誤

上步更新glibc 可能會發生錯誤。
如果沒有錯誤下邊這一步不用看。

make問題

```
xxxxxxxxxx
```

1

```
configure: error:
```

2

```
*** These critical programs are missing or too old: make bison compiler
```

3

```
*** Check the INSTALL file for required versions.
```

4

解決辦法：升級gcc與make

```
xxxxxxxxxx
```

1

```
# 升GCC(默4 升8)
```

2

```
yum install -y centos-release-scl
```

3

```
yum install -y devtoolset-8-gcc*
```

4

```
mv /usr/bin/gcc /usr/bin/gcc-4.8.5
```

5

```
ln -s /opt/rh/devtoolset-8/root/bin/gcc /usr/bin/gcc
```

6

```
mv /usr/bin/g++ /usr/bin/g++-4.8.5
```

7

```
ln -s /opt/rh/devtoolset-8/root/bin/g++ /usr/bin/g++
```

8

9

```
# 升 make(默3 升4)
```

10

```
wget http://ftp.gnu.org/gnu/make/make-4.3.tar.gz
```

11

```
tar -xvzf make-4.3.tar.gz && cd make-4.3/
```

12

```
./configure --prefix=/usr/local/make
```

13

```
make && make install
```

14

```
cd /usr/bin/ && mv make make.bak
```

15

```
ln -sv /usr/local/make/bin/make /usr/bin/make
```

16

這時所有的問題都已經解決完畢再重新執行上一步更新glibc即可

```
xxxxxxxxxx
```

1

```
cd /root/glibc-2.28/build
```

2

```
../configure --prefix=/usr --disable-profile --enable-add-ons --with-headers=/usr/include --with-binutils=/usr/bin
```

3

我的依舊報錯：bison太老舊

```
xxxxxxxxxx
```

1

```
configure: error:
```

2

```
*** These critical programs are missing or too old: bison
```

3

```
*** Check the INSTALL file for required versions.
```

4

看看我的bison版本多少

```
xxxxxxxxxx
```

1

```
[root@172 ~]# bison -v
```

2

```
-bash: bison: 未找到命令
```

3

bison問題

嗨，沒裝啊。裝一下唄

```
xxxxxxxxxx
```

1

```
yum install -y bison
```

2

這時所有的問題真的真的都已經解決完畢再重新執行上一步更新glibc即可

```
xxxxxxxxxx
```

1

```
cd /root/glibc-2.28/build
```

2

```
../configure --prefix=/usr --disable-profile --enable-add-ons --with-headers=/usr/include --with-binutils=/usr/bin
```

3

繼續更新glibc

make 和make install在linux中就是安裝軟件的意思簡單這麼理解就好。
這個過程較長，大約半小時左右，建議打一局遊戲就好了。

```
xxxxxxxxxx
```

1

```
make && make install
```

2

```
``
```

3

4

```
□□下 是不是好了
```

5

```
```shell
```

6

```
npm -v
```

7

- [場景](#)
- [原因](#)
- [解決辦法](#)
- [更新glibc](#)
- [可能出現的錯誤](#)
- [make問題](#)
- [bison問題](#)
- [繼續更新glibc](#)

🕒修訂版本 #3

★由 treeman 建立於 19 🕒🕒🕒 2023 15:52:06

✎由 treeman 更新於 8 🕒🕒🕒 2024 15:21:30