[V7] ISSUE:"Shared object "libstdc++.so.6" not found, required by "NfsFbdX64" error when starting up the AhsayCBS NFS service on FreeBSD 10

Article ID: 5274
Reviewed: 2017-08-29

Product Version:
AhsayCBS: 7.9.0.0 to 7.x
OS: FreeBSD 10.x

ATTENTION 1st January, 2022: v7 officially End-of-Life [details]

Problem Description

After installing AhsayCBS on FreeBSD 10, the AhsayCBS NFS service shows following error **"Shared object "libstdc++.so.6" not found, required by "NfsFbdX64"** :

```
# sh install.sh
Log Time: Fri Aug 25 17:54:53 HKT 2017
Verifying current user privilege ...
Current user has enough privilege to "install".
Start configuration on BSD distribution Platform (FreeBSD)
Installing [ NFS Service (Ahsay Systems Corporation) ]
[ NFS Service (Ahsay Systems Corporation) ] Service Script created at
/usr/local/cbs/nfs/bin/cbsnfs
Install Service for BSD type OS
Copying script cbsnfs to /usr/local/etc/rc.d
You may start this service by:
sh "/usr/local/etc/rc.d/cbsnfs" start &amp;
Remember to add an entry: cbsnfs_enable="YES" to /etc/rc.conf
[ NFS Service (Ahsay Systems Corporation) ] setup completed!
Startup [ NFS Service (Ahsay Systems Corporation) ]
Starting NFS Service (Ahsay Systems Corporation)
Started [ NFS Service (Ahsay Systems Corporation) ]
root@ahsaycbs:/usr/local/cbs/nfs/bin # sh query.sh
Service Name:          cbsnfs
Service Display Name: NFS Service (Ahsay Systems Corporation)
Service Description:  NFS Service (Ahsay Systems Corporation)
Service Path:          /usr/local/cbs/nfs/bin/startup.sh
Service Status:        Running
Shared object "libstdc++.so.6" not found, required by "NfsFbdX64"
NFS Version:
```

```
NFS Status:            Unknown
NFS Mount Point:       -1
NFS Running Session:   -1
#
```

Example:
The error is also show when running the AhsayCBS NFS query.sh or test.sh scripts:

```
# sh query.sh
Service Name:          cbsnfs
Service Display Name: NFS Service (Ahsay Systems Corporation)
Service Description:   NFS Service (Ahsay Systems Corporation)
Service Path:          /usr/local/cbs/nfs/bin/startup.sh
Service Status:        Running
Shared object "libstdc++.so.6" not found, required by "NfsFbdX64"
NFS Version:
NFS Status:            Unknown
NFS Mount Point:       -1
NFS Running Session:   -1
#
```

Cause

The AhsayCBS NFS service on FreeBSD 10.x requires installation of GNU C Library (also known as glibc or libc6). The GNU C Library is not installed on FreeBSD 10.x by default.

Resolution

To install the GNU C Library port:

1. Login to the AhsayCBS server as root.
2. cd /usr/ports/misc/compat9x
3. make install distclean

Keywords

glibc, GNU C, NFS service, FreeBSD 10, libc6