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What 32 bit libraries are required to install Connect Direct for UNIX Version 4.2

Stephen_Durham | *Aug 30 2016* | *Visits (4820)* ☺

IBM(R) Sterling Connect:Direct(R) for UNIX Version 4.2

Release Notes are missing the required libraries for Linux Operating Systems under "Libraries to Install" Intel and AMD x86/x86-64, Linux zSeries

CDU 4.2.0 doesn't need the compat-libstdc++-33 package, but they will need the 32 bit C++ libraries. The cdinstall script displays the following message if it doesn't find them:

```
echo 'system.  Please ask your System Administrator to install the 32bit'
echo 'package named:  libstdc++.i386   -or-'
echo 'package named:  libstdc++.i586   -or-'
echo 'package named:  libstdc++.i686'
echo 'Depending on the age of your Linux system, only one of those will be available.'
```

"Verify you have the proper libstdc++ libraries installed for your specific platform".

(NOTE: In most cases this only applies to the Red Hat operating systems)

 # lsb_release -d
Description: Oracle Linux Server release 6.5

Below is one example on how to install the 32 bit C++ libraries. When in doubt you will need to contact your System Administrator!

 # yum install libstdc++.so.6
Loaded plugins: product-id, refresh-packagekit, rhnplugin, search-disabled-repos, security, subscription-manager
This system is receiving updates from RHN Classic or RHN Satellite.
Setting up Install Process
Resolving Dependencies
--> Running transaction check
---> Package libstdc++.i686 0:4.4.7-17.el6 will be installed
--> Processing Dependency: libgcc_s.so.1(GCC_4.2.0) for package: libstdc++-4.4.7-17.el6.i686
--> Processing Dependency: libgcc_s.so.1(GCC_3.3) for package: libstdc++-4.4.7-17.el6.i686
--> Processing Dependency: ld-linux.so.2(GLIBC_2.3) for package: libstdc++-4.4.7-17.el6.i686
--> Processing Dependency: ld-linux.so.2 for package: libstdc++-4.4.7-17.el6.i686
--> Processing Dependency: libc.so.6(GLIBC_2.3.2) for package: libstdc++-4.4.7-17.el6.i686
--> Processing Dependency: libgcc_s.so.1(GLIBC_2.0) for package: libstdc++-4.4.7-17.el6.i686
--> Processing Dependency: libgcc_s.so.1(GCC_3.0) for package: libstdc++-4.4.7-17.el6.i686
--> Processing Dependency: libgcc_s.so.1 for package: libstdc++-4.4.7-17.el6.i686
--> Processing Dependency: libm.so.6 for package: libstdc++-4.4.7-17.el6.i686
--> Processing Dependency: libc.so.6(GLIBC_2.1.3) for package: libstdc++-4.4.7-17.el6.i686
--> Processing Dependency: libc.so.6(GLIBC_2.3) for package: libstdc++-4.4.7-17.el6.i686
--> Processing Dependency: libc.so.6(GLIBC_2.4) for package: libstdc++-4.4.7-17.el6.i686
--> Processing Dependency: libc.so.6(GLIBC_2.1) for package: libstdc++-4.4.7-17.el6.i686
--> Processing Dependency: libc.so.6 for package: libstdc++-4.4.7-17.el6.i686
--> Processing Dependency: libc.so.6(GLIBC_2.0) for package: libstdc++-4.4.7-17.el6.i686
--> Processing Dependency: libc.so.6(GLIBC_2.2) for package: libstdc++-4.4.7-17.el6.i686
--> Processing Dependency: libm.so.6(GLIBC_2.0) for package: libstdc++-4.4.7-17.el6.i686
--> Running transaction check
---> Package glibc.i686 0:2.12-1.192.el6 will be installed
--> Processing Dependency: libfreebl3.so(NSSRAWHASH_3.12.3) for package: glibc-2.12-1.192.el6.i686
--> Processing Dependency: libfreebl3.so for package: glibc-2.12-1.192.el6.i686
---> Package libgcc.i686 0:4.4.7-17.el6 will be installed
--> Running transaction check
---> Package nss-softokn-freebl.i686 0:3.14.3-23.3.el6_8 will be installed
--> Finished Dependency Resolution

Dependencies Resolved

==
======================================
Package   Arch   Version   Repository   Size
==

```
======================================
Installing:
 libstdc++              i686        4.4.7-17.el6          rhel-x86_64-server-6        303 k
Installing for dependencies:
 glibc                  i686        2.12-1.192.el6        rhel-x86_64-server-6        4.4 M
 libgcc                 i686        4.4.7-17.el6          rhel-x86_64-server-6        115 k
 nss-softokn-freebl        i686     3.14.3-23.3.el6_8         rhel-x86_64-server-6        157 k

Transaction Summary
================================================================================
======================================
Install     4 Package(s)

Total download size: 4.9 M
Installed size: 15 M
Is this ok [y/N]: y
Downloading Packages:
(1/4): glibc-2.12-1.192.el6.i686.rpm                                      | 4.4 MB     00:00
(2/4): libgcc-4.4.7-17.el6.i686.rpm                                       | 115 kB     00:00
(3/4): libstdc++-4.4.7-17.el6.i686.rpm                                    | 303 kB     00:00
(4/4): nss-softokn-freebl-3.14.3-23.3.el6_8.i686.rpm                      | 157 kB     00:00
--------------------------------------------------------------------------------------------------------------
Total                                        2.6 MB/s | 4.9 MB     00:01
Running rpm_check_debug
Running Transaction Test
Transaction Test Succeeded
Running Transaction
  Installing : libgcc-4.4.7-17.el6.i686                                      1/4
  Installing : nss-softokn-freebl-3.14.3-23.3.el6_8.i686                          2/4
  Installing : glibc-2.12-1.192.el6.i686                                     3/4
  Installing : libstdc++-4.4.7-17.el6.i686                                   4/4
  Verifying  : libstdc++-4.4.7-17.el6.i686                                   1/4
  Verifying  : glibc-2.12-1.192.el6.i686                                     2/4
  Verifying  : nss-softokn-freebl-3.14.3-23.3.el6_8.i686                          3/4
  Verifying  : libgcc-4.4.7-17.el6.i686                                      4/4

Installed:
  libstdc++.i686 0:4.4.7-17.el6

Dependency Installed:
  glibc.i686 0:2.12-1.192.el6        libgcc.i686 0:4.4.7-17.el6        nss-softokn-freebl.i686 0:3.14.3-23.3.el6_8

Complete!
```

Tags: *upgrade 32 libraries bit installation hat red unix connect:direct*

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