INSTALL NODE.JS ON CENTOS / RED HAT / FEDORA (All VERSIONS)

1.Install Node from Source

• wget http://nodejs.org/dist/v0.10.30/node-v0.10.30.tar.gz

- tar xzvf node-v* && cd node-v*
- yum install gcc gcc-c++ -y

./configure

```
[root@lvh node-v0.10.30]# ./configure
{ 'target defaults': { 'cflags': [],
                       'default configuration': 'Release',
                       'defines': [],
                       'include dirs': [],
                       'libraries': []},
  'variables': { 'clang': 0,
                 'gcc version': 48,
                 'host arch': 'x64',
                 'node install npm': 'true',
                 'node prefix': '',
                 'node shared cares': 'false',
                 'node shared http parser': 'false',
                 'node shared libuv': 'false',
                 'node shared openssl': 'false',
                 'node shared v8': 'false',
                 'node shared zlib': 'false',
                 'node tag': '',
                 'node unsafe optimizations': 0,
                 'node use dtrace': 'false',
                 'node use etw': 'false',
                 'node use openssl': 'true',
                 'node use perfctr': 'false',
                 'node use systemtap': 'false',
                 'python': '/usr/bin/python',
                 'target arch': 'x64',
                 'v8 enable gdbjit': 0,
                 'v8 no strict aliasing': 1,
                 'v8 use snapshot': 'true',
                 'want separate host toolset': 0}}
creating ./config.gypi
creating ./config.mk
```

make

```
[root@lvh node-v0.10.30]# make
make -C out BUILDTYPE=Release V=1
make[1]: Entering directory `/opt/node-v0.10.30/out'
   LD_LIBRARY_PATH=/opt/node-v0.10.30/out/Release/lib.host:/opt/node-v0.10.30/o
e-v0.10.30/out/Release/obj/gen; /usr/bin/python tools/js2c.py "/opt/node-v0.10
assert.js lib/buffer.js lib/child_process.js lib/console.js lib/constants.js l
st.js lib/fs.js lib/http.js lib/https.js lib/module.js lib/net.js lib/os.js li
/_stream_readable.js lib/_stream_writable.js lib/_stream_duplex.js lib/_stream
b/tls.js lib/tty.js lib/url.js lib/util.js lib/vm.js lib/zlib.js ./config.gypi
   g++ '-DNODE_WANT_INTERNALS=1' '-DARCH="x64"' '-DPLATFORM="linux"' '-DNODE_TA
POSIX_C_SOURCE=200112' -I../src -I../tools/msvs/genfiles -I../deps/uv/src/ares
nclude -I../deps/zlib -I../deps/http_parser -I../deps/cares/include -I../deps/
o-tree-vrp -fno-omit-frame-pointer -fno-rtti -fno-exceptions -MMD -MF /opt/nod
cript.o.d.raw -c -o /opt/node-v0.10.30/out/Release/obj.target/node/src/node_j
```

make install

```
[root@lvh node-v0.10.30] # make install
make -C out BUILDTYPE=Release V=1
make[1]: Entering directory `/opt/node-v0.10.30/out'
g++ '-DNODE WANT INTERNALS=1' '-DARCH="x64"' '-DPLATFORM="linux"' '-DNODE TAG=""' '-D
POSIX C SOURCE=200112' -I../src -I../tools/msvs/genfiles -I../deps/uv/src/ares -I/opt/no
nclude -I../deps/zlib -I../deps/http parser -I../deps/cares/include -I../deps/uv/include
tree-vrp -fno-omit-frame-pointer -fno-rtti -fno-exceptions -MMD -MF /opt/node-v0.10.3-
cript.o.d.raw -c -o /opt/node-v0.10.30/out/Release/obj.target/node/src/node javascript
flock /opt/node-v0.10.30/out/Release/linker.lock g++ -pthread -rdynamic -m64 -W1, --who
,--whole-archive /opt/node-v0.10.30/out/Release/obj.target/deps/v8/tools/gyp/libv8 base
start-group /opt/node-v0.10.30/out/Release/obj.target/node/src/fs_event_wrap.o /opt/node
elease/obj.target/node/src/handle wrap.o /opt/node-v0.10.30/out/Release/obj.target/node
node-v0.10.30/out/Release/obj.target/node/src/node constants.o /opt/node-v0.10.30/out/
target/node/src/node_file.o /opt/node-v0.10.30/out/Release/obj.target/node/src/node_http
pt/node-v0.10.30/out/Release/obj.target/node/src/node_main.o /opt/node-v0.10.30/out/Re
e/src/node script.o /opt/node-v0.10.30/out/Release/obj.target/node/src/node stat watche
.10.30/out/Release/obj.target/node/src/node_zlib.o /opt/node-v0.10.30/out/Release/obj.ta
nal_wrap.o /opt/node-v0.10.30/out/Release/obj.target/node/src/string_bytes.o /opt/node-
ease/obj.target/node/src/slab allocator.o /opt/node-v0.10.30/out/Release/obj.target/node
opt/node-v0.10.30/out/Release/obj.target/node/src/tty wrap.o /opt/node-v0.10.30/out/Re
t/node/src/v8 typed array.o /opt/node-v0.10.30/out/Release/obj.target/node/src/udp wrap
10.30/out/Release/obj.target/deps/openssl/libopenssl.a /opt/node-v0.10.30/out/Release/ob
ps/http parser/libhttp parser.a /opt/node-v0.10.30/out/Release/obj.target/deps/cares/lib
0.30/out/Release/obj.target/deps/v8/tools/gyp/libv8 base.a /opt/node-v0.10.30/out/Releas
```

Note: To check node is installed by using below command

node -v

To run notification.js File using Below Command

Upload the notification.js file in server

```
[root@lvh node-v0.10.30] # ls

AUTHORS config.gypi doc node.gyp src

benchmark config.mk lib notification.js test

BSDmakefile configure LICENSE out tools

ChangeLog CONTRIBUTING.md Makefile output.log vcbuild.bat

common.gypi deps node README.md
```

Go to The notification.js file path location and run

nohup node <file name>.js > output.log &

e.g :- # nohup node notification.js > output. log &

INSTALL NODE.JS ON UBUNTU/ DEBIAN (ALL VERSIONS)

- apt-get update -y
- 2. curl -sL https://deb.nodesource.com/setup | sudo bash -
- 3. apt-get install build-essential libssl-dev –y
- 4. apt-get install nodejs -y