Linux环境部署+项目部署

一、目录

二、Linux部署JAVA

1、下载jdk

• 官网:

https://download.oracle.com/java/18/latest/jdk-18_linux-x64_bin.tar.gz

• 百度网盘:

链接: https://pan.baidu.com/s/1p9jmzqHA7Yrx7yaVsK-h0g

提取码: 0s12

--来自百度网盘超级会员V1的分享

2、利用ftp软件将压缩包上传到服务器

目录 (我这里放到了root目录下)

之后再 /usr/local/目录下新建java目录

cd /usr/local/
mkdir java

3、解压jdk压缩包

tar -zxvf /root/jdk-jdk-8U331-Linux-64.tar.gz -C /usr/local/java

4、配置环境

vim /etc/profile

点击i,在文件末尾输入以下内容

JAVA_HOME=/usr/local/java/jdk1.8.0_311

JRE_HOME=/usr/local/java/jdk1.8.0_311/jre

CLASSPATH=\$JAVA_HOME/lib/

PATH=\$PATH:\$JAVA_HOME/bin

export PATH JAVA_HOME JRE_HOME CLASSPATH

输入后按Esc,再输入(: wq)后回车(保存并退出)

source /etc/profile

安装完成

检查

```
java -version
javac
```

```
[root@ecs-81961 ~]# java -version
java version "1.8.0_311"
Java(TM) SE Runtime Environment (build 1.8.0_311-b11)
Java HotSpot(TM) 64-Bit Server VM (build 25.311-b11, mixed mode)
```

```
[root@ecs-81961 ~]# javac
Usage: javac <options> <source files>
where possible options include:
                                                       Generate all debugging info
   -g:none
                                                       Generate no debugging info
   -g:{lines,vars,source}
                                                      Generate only some debugging info
                                                      Generate no warnings
Output messages about what the compiler is doing
   -nowarn
   -verbose
                                                     Output messages about what the compiler is doing
Output source locations where deprecated APIs are used
Specify where to find user class files and annotation processors
Specify where to find user class files and annotation processors
Specify where to find input source files
Override location of bootstrap class files
Override location of installed extensions
Override location of endorsed standards path
Control whother apportation processing and/or compilation is done
   -deprecation
   -classpath <path>
-cp <path>
    -sourcepath <path>
   -bootclasspath <path>
-extdirs <dirs>
  -endorseddirs <dirs>
   -help
-Akey[=value]
                                                      Print a synopsis of standard options
Options to pass to annotation processors
Print a synopsis of nonstandard options
   -J<flag>
                                                      Pass <flag> directly to the runtime system
Terminate compilation if warnings occur
Read options and filenames from file
  -Werror
@<filename>
```

成功!!!

三、tomcat部署配置

1、下载压缩包

• 官网:

https://dlcdn.apache.org/tomcat/tomcat-10/v10.0.20/bin/apache-tomcat-10.0.20.tar.gz

百度网盘:

链接: https://pan.baidu.com/s/1ili9Ac SPkkgGSOab2rlzw

提取码: tkvt

--来自百度网盘超级会员V1的分享

2、利用ftp软件将压缩包上传到服务器

目录(我这里放到了root目录下)

之后再 /usr/local/目录下新建tomcat目录

cd /usr/local/
mkdir tomcat

3、解压apache-tomcat压缩包

tar -zxvf apache-tomcat-10.0.20.tar.gz(/*按tab键自动补全*/) -C /usr/local/tomcat

4、防火墙设置

```
firewall-cmd --state //查看防火墙设置
{
    running:已启动
    not running:已关闭
}
systemctl start firewalld //启动防火墙
systemctl enable firwalld.service//设置开机自启防火墙
firewall-cmd --reload//重启防火墙
firewall-cmd --zone=public --add-port=8080/tcp --permanent //开放端口
netstat -tnlp
```

• 查看tomcat默认端口(若需要修改默认端口选择此方法)

vim /usr/local/tomcat/apache-tomcat-10.0.20/conf/server.xml

查看<Connector post="8080", 修改post,

按Esc,输入(:wq)保存并退出

- 查看防火墙信息,若关闭状态则开启防火墙
- 开放端口
- 重启防火墙
- 再服务器控制台网页开启端口 TCP 8080 端口 (可以同时开启TCP 23端口)
- 重启防火墙

5、开启tomcat

```
cd /usr/local/tomcat/apache-tomcat-10.0.20/bin/
./startup.sh
```

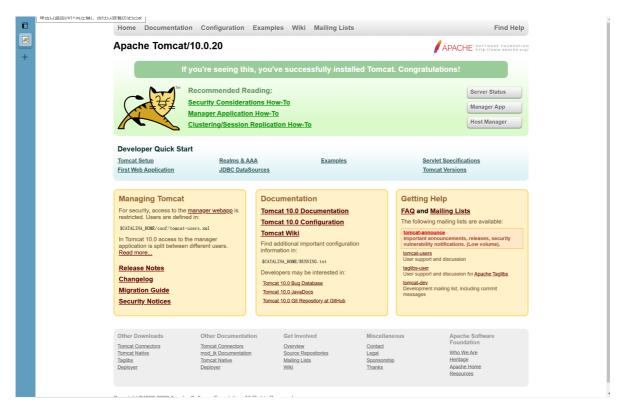
6、查看监听端口

```
netstat -tnlp
```

显示8080

7、在浏览器中输入自己服务器的IP地址: 8080/

显示tomcat启动页则部署成功



8、关闭tomcat

```
cd /usr/local/tomcat/apache-tomcat-10.0.20/bin/
./shutdown.sh
```

9、配置快捷键并开机自启动

• 首先进入/etc/rc.d/init.d 目录,创建一个名为tomcat 的文件,并赋予执行权限

```
cd /etc/rc.d/init.d/
touch tomcat
chmod +x tomcat
```

• 编辑tomcat

```
vim tomcat
写入
#!/bin/bash
# description: Tomcat Start Stop Restart
# processname: tomcat
# chkconfig: 2345 20 80
#idea - tomcat config start
#!/bin/bash
# description: Tomcat Start Stop Restart
# processname: tomcat
# chkconfig: 2345 20 80
JAVA_HOME=/usr/local/java/jdk1.8.0_311
export JAVA_HOME
PATH=$JAVA_HOME/bin:$PATH
export PATH
CATALINA_HOME=/usr/local/tomcat/apache-tomcat-10.0.20
case $1 in
start)
```

```
sh $CATALINA_HOME/bin/startup.sh
;;
stop)
sh $CATALINA_HOME/bin/shutdown.sh
;;
restart)
sh $CATALINA_HOME/bin/shutdown.sh
sh $CATALINA_HOME/bin/startup.sh
;;
esac
exit 0
#chmod 755 tomcat
#chkconfig --add tomcat
#chkconfig --level 2345 tomcat on
: wq 保存并退出
```

• 快捷键启动

```
service tomcat start
service tomcat stop
```

• 开机自启动

```
chkconfig --add tomcat
chkconfig tomcat on
```

10、拓展

如果想要生成其他文件的直链链接

在tomcat的webapps文件下

webapps/test/test.png

浏览器访问 ip+: 8080/test/test.png

四、MySQL

1、检查

卸载系统自带的MARIADB (如果有)

```
rpm -qa|grep mariadb
```

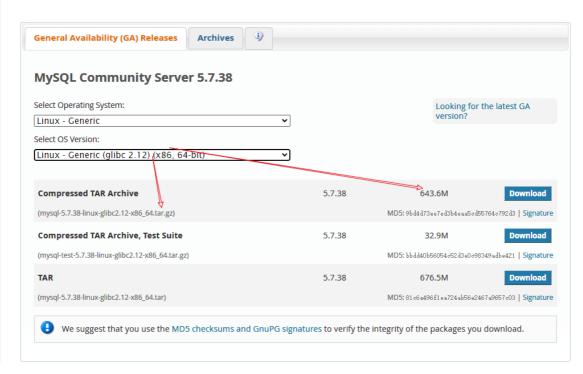
```
[root@localhost ~]# rpm -qa|grep mariadb

mariadb-server-5.5.56-2.el7.x86_64
mariadb-5.5.56-2.el7.x86_64
mariadb-libs-5.5.56-2.el7.x86_64
[root@localhost ~]#
[root@localhost ~]#
[root@localhost ~]#
```

```
yum -y remove mariadb-server-5.5.56-2.el7.x86_64
yum -y remove mariadb-5.5.56-2.el7.x86_64
yum -y remove mariadb-devel-5.5.56-2.el7.x86_64
yum -y remove mariadb-libs-5.5.56-2.el7.x86_64
.....
```

2、下载并上传

官网: MySQL:: Download MySQL Community Server



上传并创建文件夹

```
/*上传目录*/
/usr/local/file
/*创建*/
cd /usr/local
mkdir mysql
```

3、解压

```
cd /usr/local/file
tar -zxvf mysql-5.7.38-linux-glibc2.12-x86_64.tar.gz -C /usr/local/mysql
```

4、创建mysql用户组和用户

```
groupadd mysql
useradd -r -g mysql mysql
```

5、创建数据存储目录

```
cd /usr/local/mysql
mkdir data
/*赋予访问权限*/
chown mysql:mysql -R /usr/local/mysql/data/
```

6、创建配置文件

```
vim /etc/my.cnf
```

写入->

```
[mysq1]
# 设置mysql客户端默认字符集
default-character-set=utf8mb4
socket=/var/lib/mysql/mysql.sock
[mysqld]
skip-name-resolve
#设置3306端口
port = 3306
socket=/var/lib/mysql/mysql.sock
# 设置mysql的安装目录
basedir=/usr/local/mysql/mysql-5.7.38-linux-glibc2.12-x86_64
# 设置mysql数据库的数据的存放目录
datadir=/usr/local/mysql/data
# 允许最大连接数
max_connections=200
# 服务端使用的字符集默认为8比特编码的latin1字符集
character-set-server=utf8mb4
# 创建新表时将使用的默认存储引擎
default-storage-engine=INNODB
log-error=/usr/local/mysql/data/mysql.err
pid-file=/usr/local/mysql/data/mysql.pid
lower_case_table_names=1
max_allowed_packet=16M
```

同时创建文件夹

```
mkdir /var/lib/mysql
chmod 777 /var/lib/mysql
```

7、安装MySQL

1、进入文件

```
cd /usr/local/mysql/mysql-5.7.38-linux-glibc2.12-x86_64/bin/
```

2、初始化

./mysqld --initialize --user=mysql --basedir=/usr/local/mysql/mysql-5.7.38-linux-glibc2.12-x86_64/ --datadir=/usr/local/mysql/data

• 如果此时提醒 error while loading....libaio.so.1

```
root@ess-81961 mysql-5.7.38-lnux-glibc2.12-x86_641# cd bin/
froot@ess-91961 bin|# ./mgsqld --initialize --user=mysql --basedir=/usr/local/mysql/mysql-fise: No such file or directory --datadir=/usr/local/mysql/data --defaults-file=/etc/my.cnf
_/mysqld: error while loading shared libraties: libaio.so.l: cannot open shared object file: No such file or directory
```

• 原因缺少libaio包

下载即可

但是yum下载默认为32位的,还是会出错

• 安装64位

```
yum search libaio
yum install libaio-devel.x86_64 -y
```

3、检查密码

cat /usr/local/mysql/data/mysql.err

```
[root@localhost bin]# ./mysqld --initialize --user=mysql --basedir=/usr/local/mysql/mysql/ --datadir=/usr/local/mysqlcata/mysql.err
2022-05-18T12:07:34.071502Z 0 [Warning] TIMESTAMP with implicit DEFAULT value is deprecated. Please use --exponence details).
2022-05-18T12:07:34.071683Z 0 [ERROR] Can't find error-message file '/usr/local/mysql/mysql/share/errmsg.sysonfiguration directive.
2022-05-18T12:07:34.249010Z 0 [Warning] InnoDB: New log files created, LSN=45790
2022-05-18T12:07:34.280908Z 0 [Warning] InnoDB: Creating foreign key constraint system tables.
2022-05-18T12:07:34.339079Z 0 [Warning] No existing UUID has been found, so we assume that this is the first ID: 19da43b6-d6a3-11ec-9dcc-000c297830e9.
2022-05-18T12:07:34.340016Z 0 [Warning] Gtid table is not ready to be used. Table 'mysql.gtid_executed' cannot 2022-05-18T12:07:34.687508Z 0 [Warning]
2022-05-18T12:07:34.68750Z 0 [Warning]
2022-05-18T12:07:34.68750Z 0 [Warning]
2022-05-18T12:07:34.764094Z 1 [Note] A temporary password is generated for root@localhost: 6.q3b8eJ!lyG
[root@localhost bin]#
```

- **一定记住这个密码哦!!!**
- 一定记住这个密码哦!!!
- 一定记住这个密码哦!!!
- 4、复制文件

```
cp /usr/local/mysql/mysql-5.7.38-linux-glibc2.12-x86_64/support-
files/mysql.server /etc/init.d/mysql
```

```
vim /etc/init.d/mysql
```

修改其basedir 和datadir 为实际对应目录

```
# Negative numbers mean to wait indefinitely service_startup_timeout=900

# Lock directory for RedHat / SuSE.
lockdir='/var/lock/subsys'
lock_file_path="$lockdir/mysql"

# The following variables are only set for letting mysql.server find things

# Set some defaults
mysqld_pid_file_path=
if_test_z "$basedir"
then
basedir=/usr/local/mysql/mysql-5.7.38-linux-glibc2.12-x86_64
bindir=/usr/local/mysql/bin
if_test_z "$datadir"
then
datadir=/usr/local/mysql/data
fi
sbindir=/usr/local/mysql/bin
libexecdir=/usr/local/mysql/bin
else
bindir="$basedir/bin"
if_test_z "$datadir"
then
datadir="$basedir/data"
fi
```

8、设置MYSQL系统服务

1、首先增加mysql 服务控制脚本执行权限

```
chmod +x /etc/init.d/mysql
```

2、同时将mysqld 服务加入到系统服务

```
chkconfig --add mysql
```

3、最后检查mysqld 服务是否已经生效即可

```
chkconfig --list mysql
```

```
[root@localhost bin]# chkconfig --list mysql

Note: This output shows SysV services only and does not include native systemd services. SysV configuration data might be overridden by native systemd configuration.

If you want to list systemd services use 'systemctl list-unit-files'. To see services enabled on particular target use 'systemctl list-dependencies [target]'.

mysql 0:off 1:off 2:on 3:on 4:on 5:on 6:off
```

服务注册完成

9、启动MySQL

```
service mysql start
```

```
[root@localhost bin]# service mysql start
Starting MySQL.. SUCCESS!
[root@localhost bin]# |
```

启动成功

10、添加环境变量

(方便全局使用mysql命令行)

```
vim ~/.bash_profile
```

末尾添加

export PATH=\$PATH:/usr/local/mysql/mysql-5.7.38-linux-glibc2.12-x86_64/bin

生效环境变量

```
source ~/.bash_profile
```

11、登录MySQL

1、登录

```
mysql -u root -p
```

```
[root@localhost bin]# mysql -u root -p
Enter password:
Welcome to the MySQL monitor.
Your MySQL connection id is 2
Server version: 5.7.38

Copyright (c) 2000, 2022, Oracle and/or its affiliates.

Oracle is a registered trademark of Oracle Corporation and/or its affiliates. Other names may be trademarks of their respective owners.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

mysql>
```

密码是之前保存的随机密码

显示如上表示成功

2、修改root密码

继续在命令行执行

```
alter user user() identified by "6666666"; flush privileges;
```

```
mysql> alter user user() identified by "6666666";
Query OK, 0 rows affected (0.00 sec)

mysql> flush privileges;
Query OK, 0 rows affected (0.00 sec)

mysql>
```

3、设置远程连接

继续在命令行操作

```
use mysql
update user set user.Host='%' where user.User='root';
flush privileges;
```

```
mysql> use mysql
Reading table information for completion of table and column names
You can turn off this feature to get a quicker startup with -A

Database changed
mysql> update user set user.Host='%' where user.User='root';
Query OK, 1 row affected (0.01 sec)
Rows matched: 1 Changed: 1 Warnings: 0

mysql> flush privileges;
Query OK, 0 rows affected (0.00 sec)
```

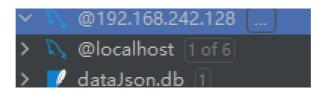
4、远程测试

工具连接

DataGrip:

	192.168.242.128
1:	User & Password ▼
	root

连接成功!!!



安装完成!!!!

五、Nginx

1、下载并上传到服务器

官网:

https://nginx.org/en/download.html

位置: /root

2、解压

```
cd /usr/local
mkdir nginx

cd /root
tar -zxvf nginx-1.21.6.tar.gz -C /usr/local/nginx/
```

3、配置编译幻境

1、安装 gcc

```
yum install gcc-c++
```

```
lroot@ecs-81961 nginx-1.21.6]# yum install gcc-c++
_oaded plugins: fastestmirror
  oading mirror speeds from cached hostfile.
 base
epel
 extras
updates
 (1/2): epel/x86_64/updateinfo
(2/2): epel/x86_64/primary_db
Resolving Dependencies
 resolving Dependencies
---> Running transaction check
---> Package gcc-c++.x86_64 0:4.8.5-44.el7 will be installed
---> Processing Dependency: libstdc++-devel = 4.8.5-44.el7 for package: gcc-c++-4.8.5-44.el7.x86_64
--> Running transaction check
---> Package libstdc++-devel.x86_64 0:4.8.5-44.el7 will be installed
--> Finished Dependency Resolution
  ependencies Resolved
  Package
                                                                                                           Arch
                                                                                                                                                                                                     Version
 Installing:
                                                                                                            x86_64
                                                                                                                                                                                                     4.8.5-44
 gcc-c++
Installing for dependencies:
libstdc++-devel
                                                                                                            x86_64
                                                                                                                                                                                                     4.8.5-44
Transaction Summary
Install 1 Package (+1 Dependent package)
Total download size: 8.7 M
Installed size: 25 M
Is this ok [y/d/N]:
Exiting on user command
 Your transaction was saved, rerun it with:
yum load-transaction /tmp/yum save_tx.2022-05-21.23-19.gjV3he.yumtx
[root@ecs-81961 nginx-1.21.6]#
```

2、安装 pcre-devel

```
yum install -y pcre pcre-devel
```

3、安装 zlib

```
yum install -y zlib zlib-devel
```

4、安装 Open SSL

```
yum install -y openssl openssl-devel
```

4、编译安装

```
cd /usr/local/nginx/nginx-1.21.6/
./configure
make
make install
```

如果https支持

在输入 ./configure __with-http_ssl_module

编译结束后可执行文件在

/usr/local/nginx/sbin/nginx

5、启动Nginx

1、启动

```
/usr/local/nginx/sbin/nginx
```

2、停止

```
/usr/local/nginx/sbin/nginx -s stop
```

3、重启

```
/usr/local/nginx/sbin/nginx -s reload
```

4、查看进程

```
ps aux|grep nginx
```

配置文件路径

```
/usr/local/nginx/conf/nginx.conf
```

5、设置开机自启

```
vim /etc/rc.local

###底部写入

/usr/local/nginx/sbin/nginx
```

```
#:/pin/bash
# THIS FILE IS ADDED FOR COMPATIBILITY PURPOSES

#
# It is highly advisable to create own systemd service
# to run scripts during boot instead of using this fil
#
# In contrast to previous versions due to parallel exe
# this script will NOT be run after all other services
#
# Please note that you must run 'chmod +x /etc/rc.d/rc
# that this script will be executed during boot.

touch /var/lock/subsys/local
/usr/local/nginx/sbin/nginx
~
```

6、记得开放端口

开往网络安全组和端口

```
firewall-cmd --zone=public --add-port=80/tcp --permanent
firewall-cmd --reload //重启防火墙
```

Welcome to nginx!

If you see this page, the nginx web server is successfully installed and working. Further configuration is required.

For online documentation and support please refer to nginx.org. Commercial support is available at nginx.com.

Thank you for using nginx.

访问成功

安装完成!!!

六、Go环境配置

1、下载Go安装包

官网: Downloads - The Go Programming Language (google.cn)

下载包: https://golang.google.cn/dl/go1.18.2.linux-amd64.tar.gz

上传到服务器

2、解压

• 在/usr/local 下新建 go文件架

mkdir go

- 切换到Go安装包路径
- 解压

```
tar -zxvf go1.18.2.linux-amd64.tar.gz -C /usr/local/go
```

3、建立工作目录

官方建议放在 /home/go 下,创建三个目录: bin (编译后可的执行文件的存放路径)、pkg (编译包时,生成的.a文件的存放路径)、src (源码路径,一般我们的工程就创建在src下面)

```
[root@localhost home]# cd go/
[root@localhost go]# ls
[root@localhost go]# mkdir bin
[root@localhost go]# mkdir pkg
[root@localhost go]# mkdir src
[root@localhost go]# ls
bin pkg src
```

mkdir -p /home/go/bin /home/go/pkg /home/go/src

4、配置环境变量

vim /etc/profile

```
export GOROOT=/usr/local/go/go
export GOPATH=/home/go
export PATH=$PATH:$GOROOT/bin:$GOPATH/bin
```

```
export GOROOT=/usr/local/go/go
export GOPATH=/home/go
export PATH=$PATH:$GOROOT/bin:$GOPATH/bin
```

source /etc/profile

5、检查

• 版本信息

go version

[root@localhost go]# go version
go version go1.18.2 linux/amd64
[root@localhost go]#

配置信息

go env

```
[root@localhost go] ≠ go env
SOllIMDOULE="
SORKCH="ame"
SORKCH="ame"
SORCACHE="/root/.cache/go-build"
SOBIN="
SORCACHE="/root/.cache/go-build"
SOBIN="
SOREXE="
SOREXETMENT="
SOREXETMENT="
SOHOSTARCH="ame64"
SOHOSTOS="lanux"
SONHOSTOS="lanux"
SONHOSTOS="lanux"
SONNOSUMDE="
SONNOSUMDE="
SONSUMDB="
SONSUMDB="
SONSUMDB="
SONSUMDB="
SONSUMDB="
SOROT='lanux'
SOROOT='lanux'
SOROOT='la
```

安装完成!!!

七、Python环境配置

CentOS 7.4 默认自带了一个Python2.7 环境,再装一个Python3 ,打造一个共存的环境。

```
[root@ecs-81961 go]# python
Python 2.7.5 (default, Nov 16 2020, 22:23:17)
[GCC 4.8.5 20150623 (Red Hat 4.8.5-44)] on linux2
Type "help", "copyright", "credits" or "license"
>>> quit
Use quit() or Ctrl-D (i.e. EOF) to exit
>>>
[root@ecs-81961 go]#
```

1、下载

官网: Python Release Python 3.10.4 | Python.org

ersion	Operating System	Description	MD5 Sum	File Size	GPG
Gzipped source tarball	Source release		7011fa5e61dc467ac9a98c3d62cfe2be	25612387	SIG
XZ compressed source tarball	Source release		21f2e113e087083a1e8cf10553d93599	19342692	SIG
macOS 64-bit universal2 installer	macOS	for macOS 10.9 and later	5dd5087f4eec2be635b1966330db5b74	40382410	SIG
Windows embeddable package (32-bit)	Windows		4c1cb704caafdc5cbf05ff919bf513f4	7563393	SIG
Windows embeddable package (64-bit)	Windows		bf4e0306c349fbd18e9819d53f955429	8523000	SIG
Windows help file	Windows		758b7773027cbc94e2dd0000423f032c	9222920	SIG
Windows installer (32-bit)	Windows		977b91d2e0727952d5e8e4ff07eee34e	27338104	SIG
Windows installer (64-bit)	Windows	Recommended	53fea6cfcce86fb87253364990f22109	28488112	SIG

2、解压

cd /usr/local
mkdir python

cd /root

tar -zxvf Python-3.10.4.tgz -C /usr/local/python/

3、安装相关预备环境

yum install zlib-devel bzip2-devel openssl-devel ncurses-devel sqlite-devel readline-devel tk-devel gdbm-devel db4-devel libpcap-devel xz-develgcc make

4、编译

• 安装目录

cd /usr/local/python
mkdir python3

编译安装

cd /usr/local/python/Python-3.10.4

```
./configure --prefix=/usr/local/python/python3
```

```
reating Modules/Setup.local creating Makefile

If you want a release build with all stable optimizations active (PGO, etc), blease run ./configure --enable-optimizations
```

安装

```
make && make install
```

编译完成!!!

5、验证安装

/usr/local/python/python3/bin/python3

ctrl+D 退出

6、建立软连接

```
In -s /usr/local/python/python3/bin/python3 /usr/bin/python3
In -s /usr/local/python/python3/bin/pip3 /usr/bin/pip3
```

7、检查

python3

```
[root@ecs-81961 /]# python3
Python 3.6.8 (default, Nov 16 2020, 16:55:22)
[GCC 4.8.5 20150623 (Red Hat 4.8.5-44)] on linux
Type "help", "copyright", "credits" or "license" for more information.
>>>
[root@ecs-81961 /]# |
```

安装完成!!!!

八、Node.js 配置

1、下载

官网:

http://nodejs.cn/download/



• 发布文件的签名 SHASUMS (如何验证)

2、解压

```
mkdir /usr/local/node
tar -xvf node-v16.15.0-linux-x64.tar.xz -C /usr/local/node
mv /usr/local/node/node-v16.15.0-linux-x64 /usr/local/node/node
```

3、配置环境变量

vim /etc/profile

export PATH=/usr/local/node/node/bin:\$PATH

```
export GOROOT=/usr/local/go/go
export GOPATH=/home/go
export PATH=$PATH:$GOROOT/bin:$GOPATH/bin

export PATH=/usr/local/node/node/bin:$PATH
```

4、检查

node -v npm version npx -v

```
[root@localhost /]# node -v
v16.15.0
[root@localhost /]# npm version
  npm: '8.5.5',
  node: '16.15.0',
  v8: '9.4.146.24-node.20',
  uv: '1.43.0',
  zlib: '1.2.11',
  brotli: '1.0.9',
  ares: '1.18.1',
 modules: '93',
  nghttp2: '1.47.0',
  napi: '8',
 llhttp: '6.0.4',
  openssl: '1.1.1n+quic',
  cldr: '40.0',
  icu: '70.1',
 tz: '2021a3',
  unicode: '14.0',
 ngtcp2: '0.1.0-DEV',
  nghttp3: '0.1.0-DEV'
[root@localhost /]# npx -v
8.5.5
[root@localhost /]#
```