CS314
Lab 1

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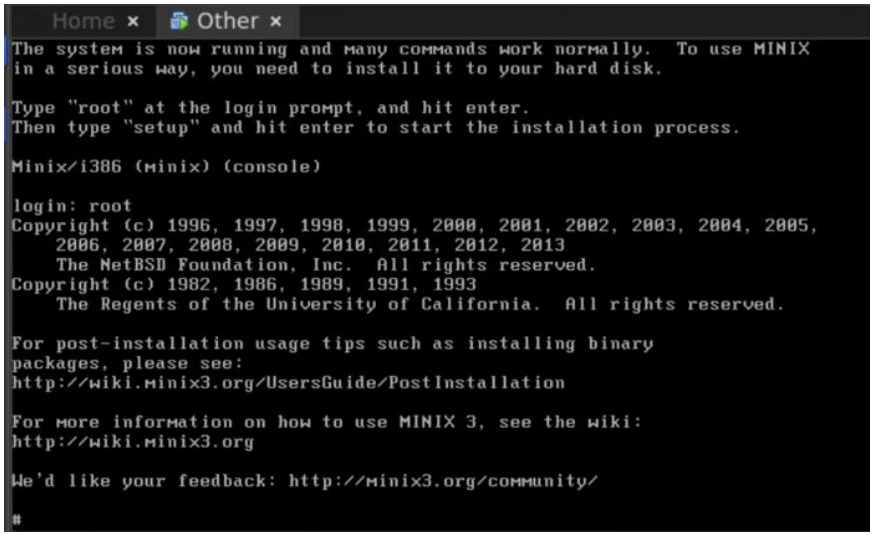
180010041

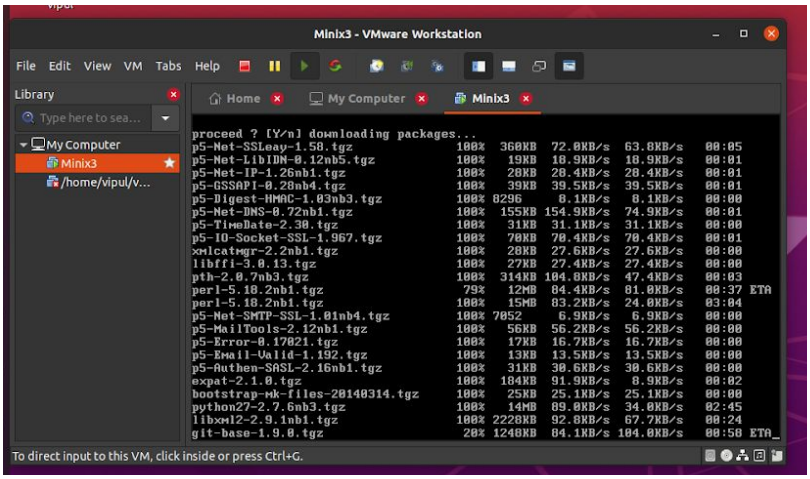
Q1. Install minix?

Answer :

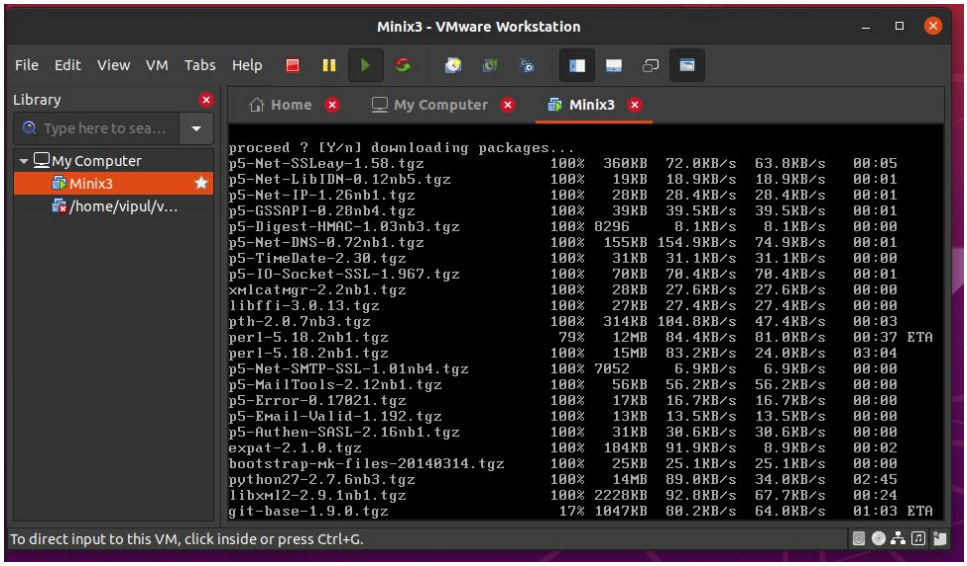


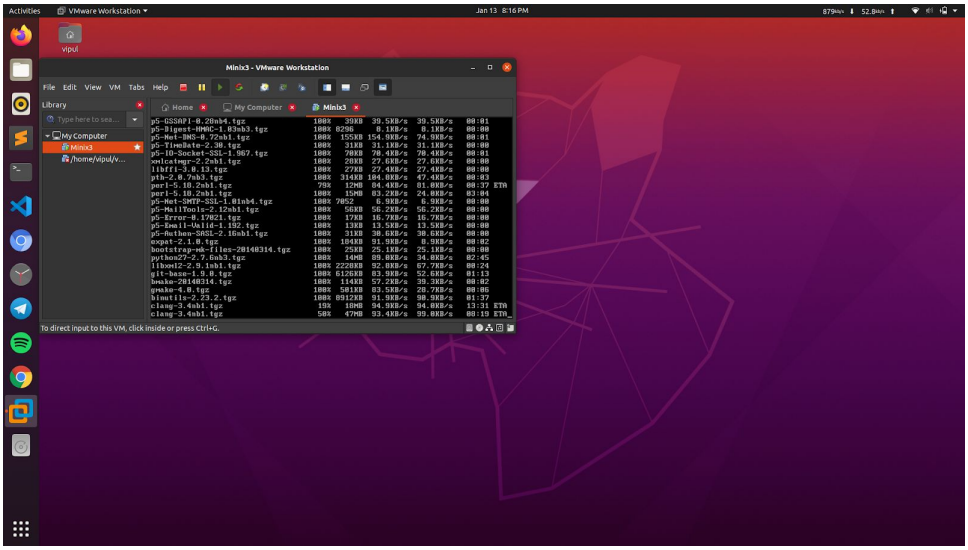
```
The following disk was found on your system:

  Disk [0]:  /dev/c0d3,     8 GB
        Free space             (   7 GB)

Enter the disk number to use: [0] 0

 --- Substep 3.2: Select a disk region ---------------------------------

Please select the region that you want to use for the MINIX 3 setup.
If you select an in-use region it will be overwritten by MINIX. The
following region were found on the selected disk:

   [0]  Free space             (   7 GB)

Enter the region number to use or type 'delete':  [0] 0

 --- Substep 3.3: Confirm your choices ---------------------------------

This is the point of no return.  You have selected to install MINIX 3
into region 0 of disk /dev/c0d3.  Please confirm that you want
to use this selection to install MINIX 3.

Are you sure you want to continue?  Please enter 'yes' or 'no':
```

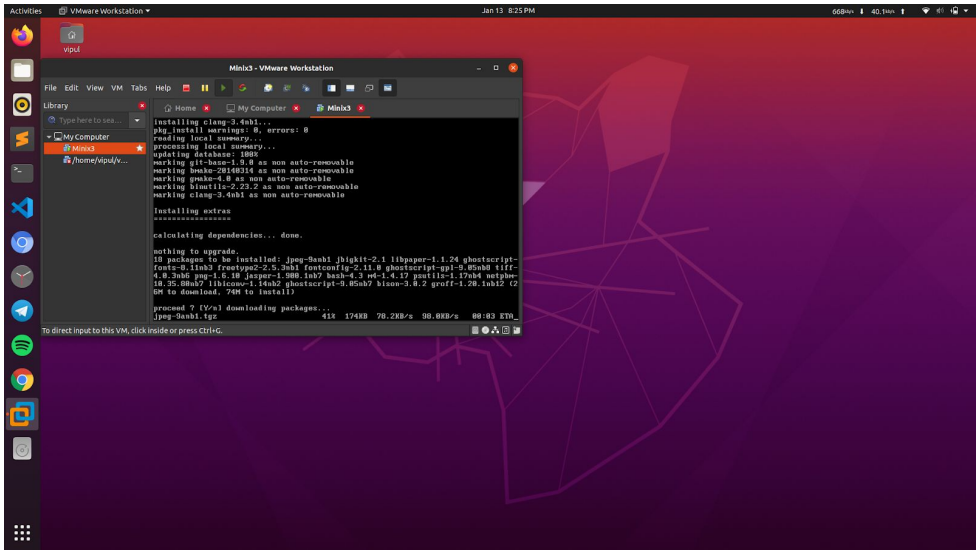
```
# pkgin update
database for http://www.minix3.org/pkgsrc/packages/3.3.0/i386/All is up-to-date
# pkgin install openssh
calculating dependencies... done.
nothing to do.
# cp /usr/pkg/etc/rc.d/sshd /etc/rc.d/
cp: /etc/rc.d is not a directory
# mkdir /etc/rc.d/
# cp /usr/pkg/etc/rc.d/sshd /etc/rc.d/
# printf 'sshd=YES\n' >> /etc/rc.conf
# /etc/rc.d/sshd start
Starting sshd.
#
```

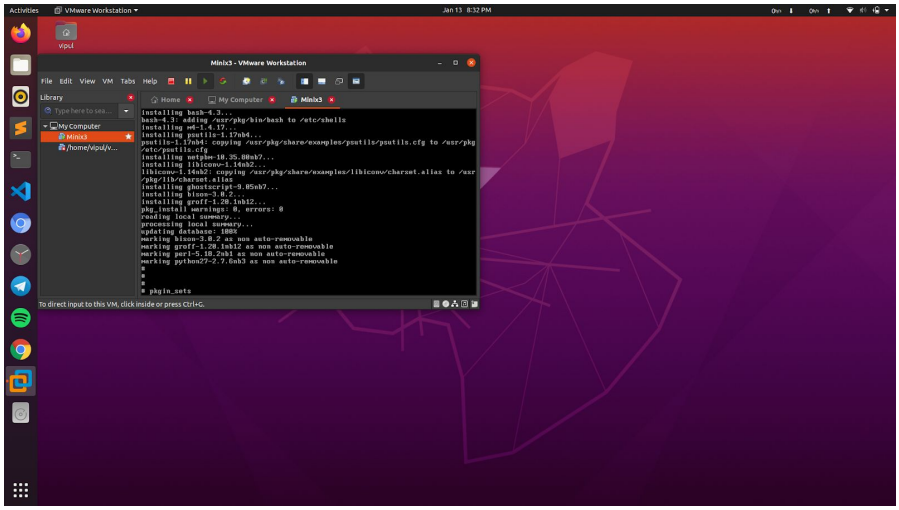


```
```

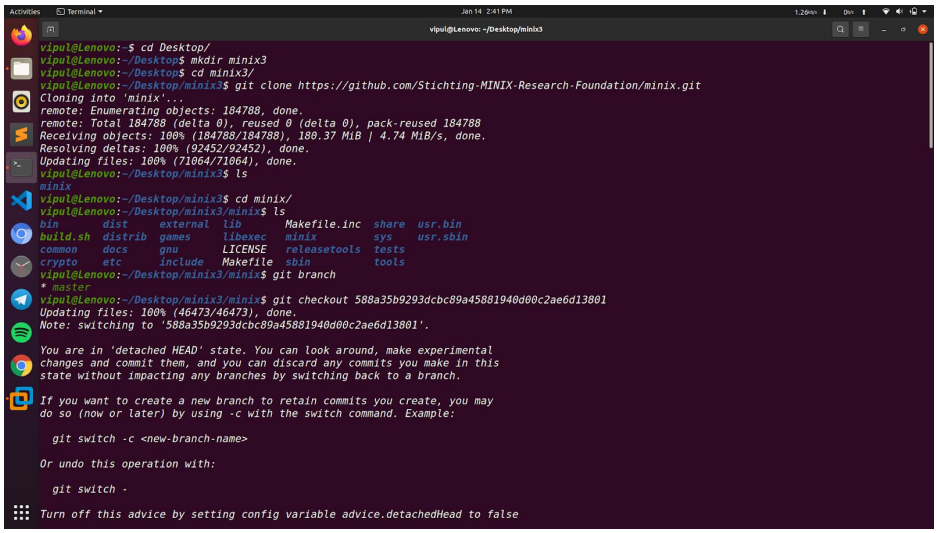

Minix3 - VMware Workstation
File Edit View VM Tabs Help
Library
Type here to sea...
My Computer
Minix3
/home/vipul/v...
Home
My Computer
Minix3
proceed ? [Y/n] downloading packages...
p5-Net-SSLeay-1.58.tgz 100% 360KB 72.0KB/s 63.8KB/s 00:05
p5-Net-LibIDN-0.12nb5.tgz 100% 19KB 18.9KB/s 18.9KB/s 00:01
p5-Net-IP-1.26nb1.tgz 100% 28KB 28.4KB/s 28.4KB/s 00:01
p5-GSSAPI-0.28nb4.tgz 100% 39KB 39.5KB/s 39.5KB/s 00:01
p5-Digest-HMAC-1.03nb3.tgz 100% 8296 8.1KB/s 8.1KB/s 00:00
p5-Net-DNS-0.72nb1.tgz 100% 155KB 154.9KB/s 74.9KB/s 00:01
p5-TimeDate-2.30.tgz 100% 31KB 31.1KB/s 31.1KB/s 00:00
p5-IO-Socket-SSL-1.967.tgz 100% 70KB 70.4KB/s 70.4KB/s 00:01
xmlcatmgr-2.2nb1.tgz 100% 28KB 27.6KB/s 27.6KB/s 00:00
libffi-3.0.13.tgz 100% 27KB 27.4KB/s 27.4KB/s 00:00
pth-2.0.7nb3.tgz 100% 314KB 104.8KB/s 47.4KB/s 00:03
perl-5.18.2nb1.tgz 79% 12MB 84.4KB/s 81.0KB/s 00:37 ETA
perl-5.18.2nb1.tgz 100% 15MB 83.2KB/s 24.0KB/s 03:04
p5-Net-SMTP-SSL-1.01nb4.tgz 100% 7052 6.9KB/s 6.9KB/s 00:00
p5-MailTools-2.12nb1.tgz 100% 56KB 56.2KB/s 56.2KB/s 00:00
p5-Error-0.17021.tgz 100% 17KB 16.7KB/s 16.7KB/s 00:00
p5-Email-Valid-1.192.tgz 100% 13KB 13.5KB/s 13.5KB/s 00:00
p5-Authen-SASL-2.16nb1.tgz 100% 31KB 30.6KB/s 30.6KB/s 00:00
expat-2.1.0.tgz 100% 184KB 91.9KB/s 8.9KB/s 00:02
bootstrap-mk-files-20140314.tgz 100% 25KB 25.1KB/s 25.1KB/s 00:00
python27-2.7.6nb3.tgz 100% 14MB 89.0KB/s 34.0KB/s 02:45
libxml2-2.9.1nb1.tgz 100% 2228KB 92.8KB/s 67.7KB/s 00:24
git-base-1.9.0.tgz 17% 1047KB 80.2KB/s 64.0KB/s 01:03 ETA
To direct input to this VM, click inside or press Ctrl+G.

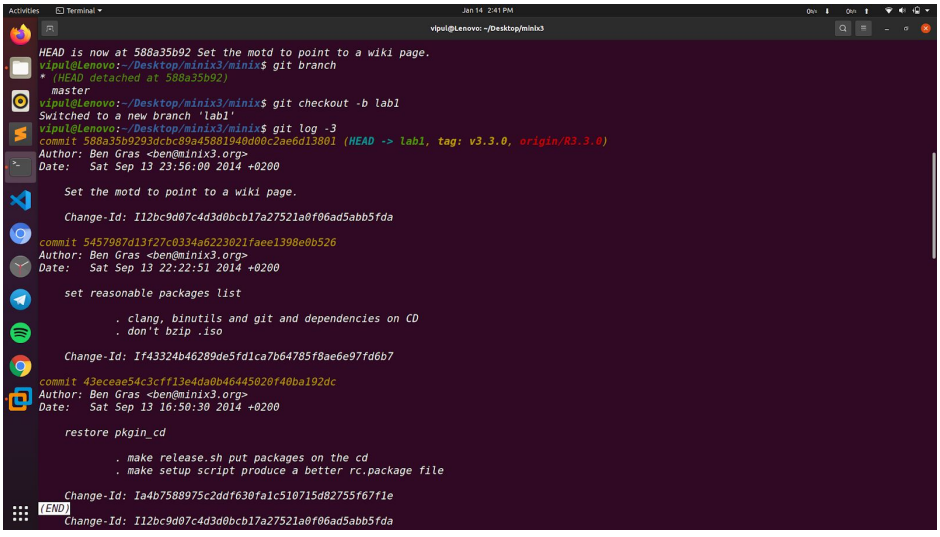

Activities
VMware Workstation
Jan 13 8:16 PM
vipul
Minix3 - VMware Workstation
To direct input to this VM, click inside or press Ctrl+G.

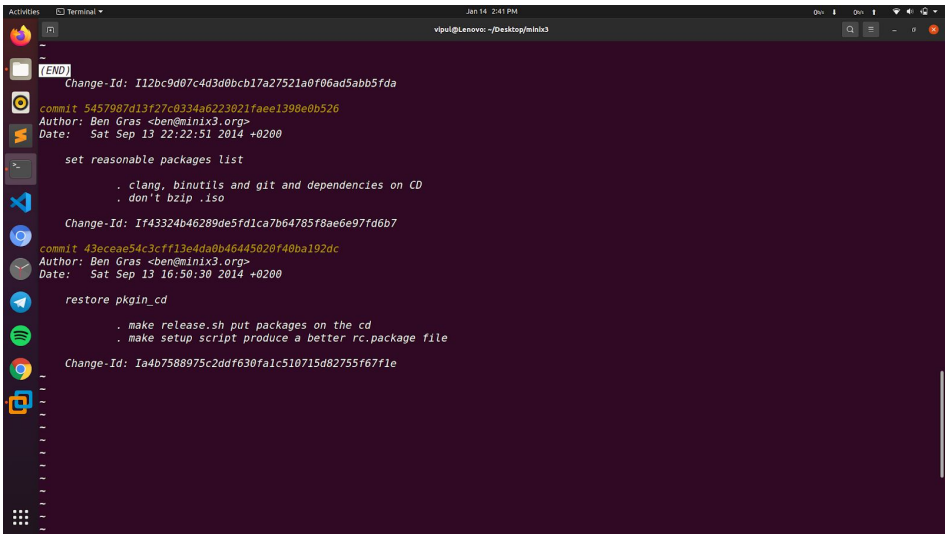

Activities
VMware Workstation
Jan 13 8:25 PM
vipul
Minix3 - VMware Workstation
installing clang-3.4nb1...
pkg_install warnings: 0, errors: 0
reading local summary...
processing local summary...
updating database: 100%
marking git-base-1.9.0 as non auto-removable
marking bmake-20140314 as non auto-removable
marking gmake-4.0 as non auto-removable
marking binutils-2.23.2 as non auto-removable
marking clang-3.4nb1 as non auto-removable
Installing extras
calculating dependencies... done.
nothing to upgrade.
18 packages to be installed: jpeg-9anb1 jbigkit-2.1 libpaper-1.1.24 ghostscript-fonts-8.11nb3 freetype2-2.5.3nb1 fontconfig-2.11.0 ghostscript-gpl-9.05nb0 tiff-4.0.3nb6 png-1.6.10 jasper-1.900.1nb7 bash-4.3 m4-1.4.17 psutils-1.17nb4 netpbm-10.35.80nb7 libiconv-1.14nb2 ghostscript-9.05nb7 bison-3.0.2 groff-1.20.1nb12 (2 GM to download, 74M to install)
proceed ? [Y/n] downloading packages...
jpeg-9anb1.tgz 41% 174KB 70.2KB/s 00:03 ETA
To direct input to this VM, click inside or press Ctrl+G.

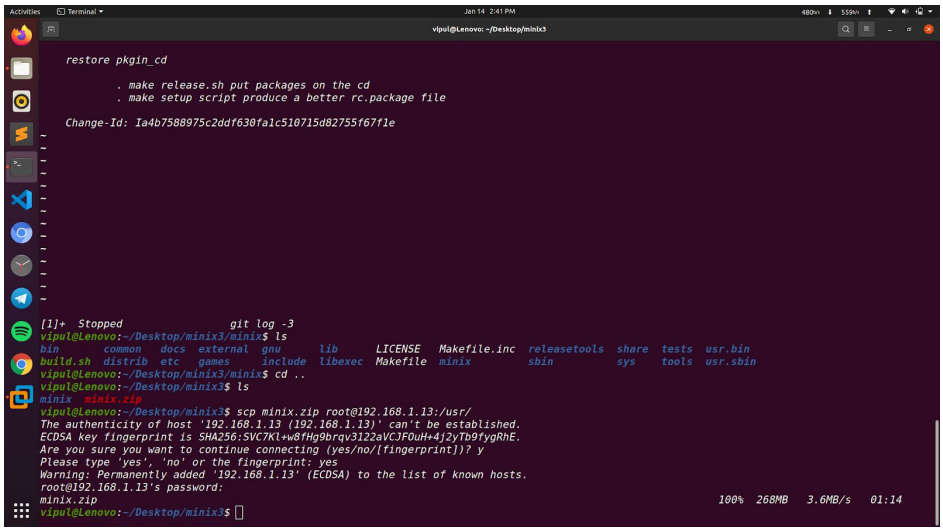


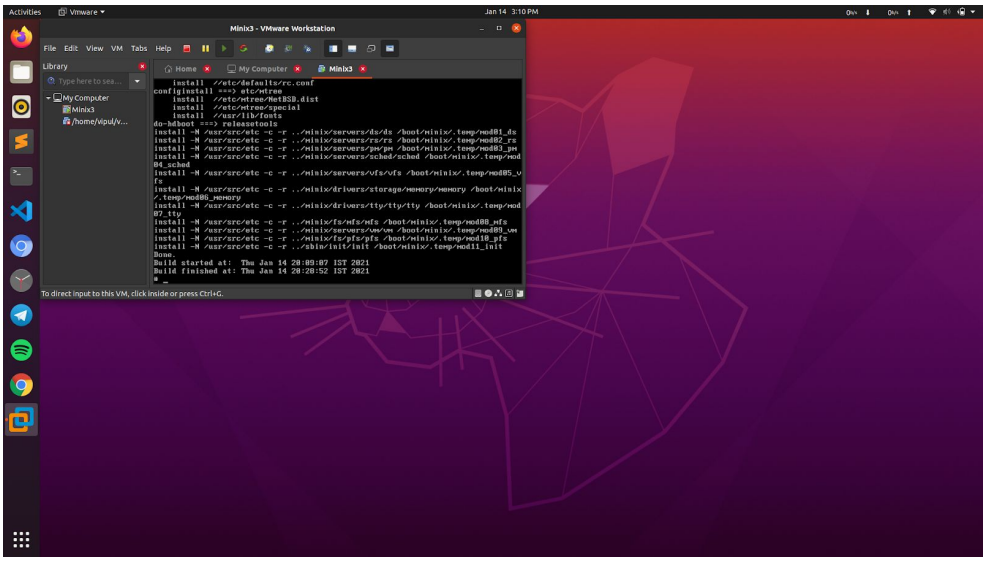
Commands: Ifconfig Cd / Cd usr/ Unzip minix.zip
Mg minix src Cd src Make build






Activities
Terminal
Jan 14 2:41 PM
vipul@Lenovo: ~/Desktop/minix3
(END)
Change-Id: I12bc9d07c4d3d0bcb17a27521a0f06ad5abb5fda
commit 5457987d13f27c0334a6223021faee1398e0b526
Author: Ben Gras <ben@minix3.org>
Date: Sat Sep 13 22:22:51 2014 +0200
set reasonable packages list
. clang, binutils and git and dependencies on CD
. don't bzip .iso
Change-Id: If43324b46289de5fd1ca7b64785f8ae6e97fd6b7
commit 43eceae54c3cff13e4da0b46445020f40ba192dc
Author: Ben Gras <ben@minix3.org>
Date: Sat Sep 13 16:50:30 2014 +0200
restore pkgin_cd
. make release.sh put packages on the cd
. make setup script produce a better rc.package file
Change-Id: Ia4b7588975c2ddf630fa1c510715d82755f67f1e


Activities
Terminal
Jan 14 2:41 PM
vipul@Lenovo: ~/Desktop/minix3
restore pkgin_cd
. make release.sh put packages on the cd
. make setup script produce a better rc.package file
Change-Id: Ia4b7588975c2ddf630fa1c510715d82755f67f1e
[1]+ Stopped git log -3
vipul@Lenovo:~/Desktop/minix3/minix$ ls
bin common docs external gnu lib LICENSE Makefile.inc releasetools share tests usr.bin
build.sh distrib etc games include libexec Makefile minix sbin sys tools usr.sbin
vipul@Lenovo:~/Desktop/minix3/minix$ cd ..
vipul@Lenovo:~/Desktop/minix3$ ls
minix minix.zip
vipul@Lenovo:~/Desktop/minix3$ scp minix.zip root@192.168.1.13:/usr/
The authenticity of host '192.168.1.13 (192.168.1.13)' can't be established.
ECDSA key fingerprint is SHA256:SVC7K1+w8fHg9brqv3122aVCJFOuH+4j2yTb9fygRhE.
Are you sure you want to continue connecting (yes/no/[fingerprint])? y
Please type 'yes', 'no' or the fingerprint: yes
Warning: Permanently added '192.168.1.13' (ECDSA) to the list of known hosts.
root@192.168.1.13's password:
minix.zip 100% 268MB 3.6MB/s 01:14
vipul@Lenovo:~/Desktop/minix3$


Activities
Vmware
Jan 14 3:10 PM
Minix3 - VMware Workstation
File Edit View VM Tabs Help
Library
My Computer
Minix3
/home/vipul/v...
Home
My Computer
Minix3
install -N /usr/src/etc -c -r ../minix/servers/ds/ds /boot/minix/.temp/mod01_ds
install -N /usr/src/etc -c -r ../minix/servers/rs/rs /boot/minix/.temp/mod02_rs
install -N /usr/src/etc -c -r ../minix/servers/pm/pm /boot/minix/.temp/mod03_pm
install -N /usr/src/etc -c -r ../minix/servers/sched/sched /boot/minix/.temp/mod04_sched
install -N /usr/src/etc -c -r ../minix/servers/vfs/vfs /boot/minix/.temp/mod05_vfs
install -N /usr/src/etc -c -r ../minix/drivers/storage/memory/memory /boot/minix/.temp/mod06_memory
install -N /usr/src/etc -c -r ../minix/drivers/tty/tty/tty /boot/minix/.temp/mod07_tty
install -N /usr/src/etc -c -r ../minix/fs/mfs/mfs /boot/minix/.temp/mod08_mfs
install -N /usr/src/etc -c -r ../minix/servers/vm/vm /boot/minix/.temp/mod09_vm
install -N /usr/src/etc -c -r ../minix/fs/pfs/pfs /boot/minix/.temp/mod10_pfs
install -N /usr/src/etc -c -r ../sbin/init/init /boot/minix/.temp/mod11_init
Done.
Build started at: Thu Jan 14 20:09:07 IST 2021
Build finished at: Thu Jan 14 20:20:52 IST 2021
To direct input to this VM, click inside or press Ctrl+G.

XXX