

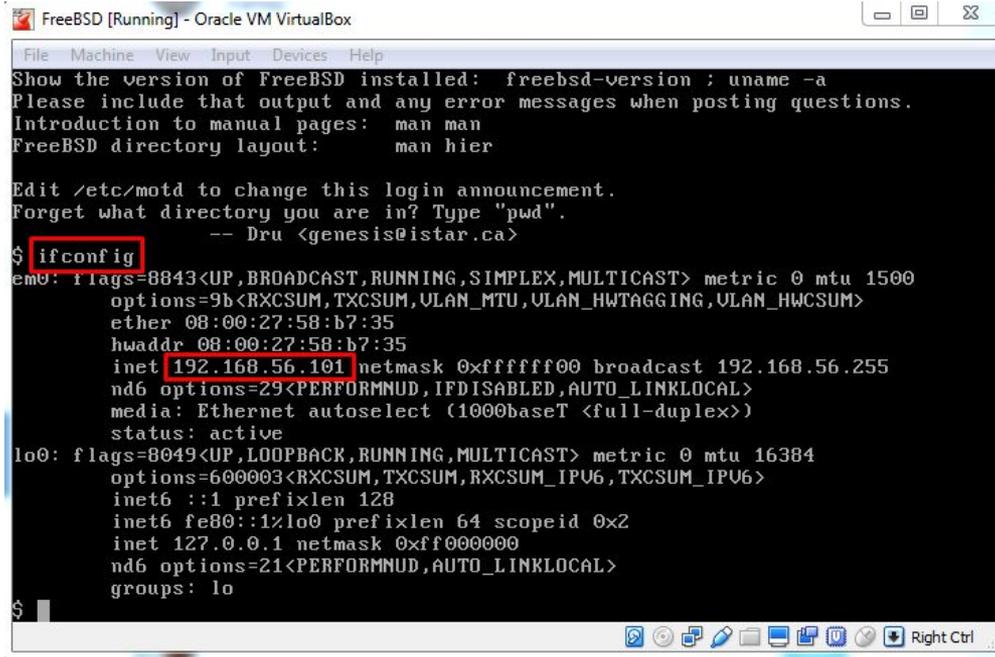
FreeBSD Offline Packages (portsnap & distfiles)

How To Build.Setup.Deploy
by `m1m1n`

The Introduction

- You Have The Machine (FreeBSD Box)
- Portsnap & Distfiles Files
- A Putty & WinSCP (Windows Users)
- A Terminal & SCP (Linux Users)
- Basic of Networking
- Basic of Unix/Linux Command Line
- A Lots of Snacks...

The Setup. Configuration. Deploy



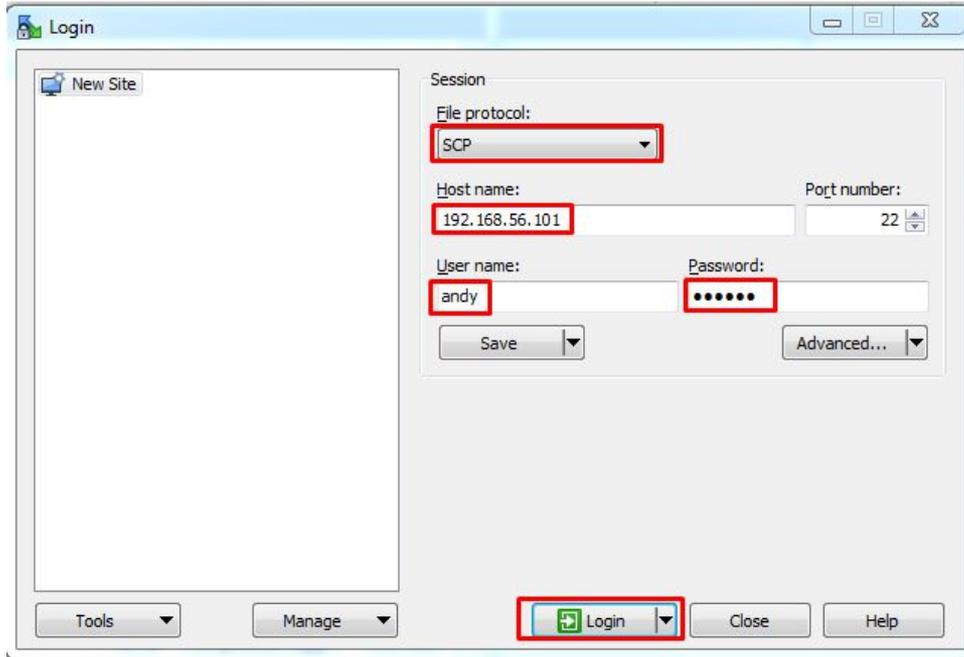
```
FreeBSD [Running] - Oracle VM VirtualBox
File Machine View Input Devices Help
Show the version of FreeBSD installed: freebsd-version ; uname -a
Please include that output and any error messages when posting questions.
Introduction to manual pages: man man
FreeBSD directory layout: man hier

Edit /etc/motd to change this login announcement.
Forget what directory you are in? Type "pwd".
-- Dru <genesis@istar.ca>
$ ifconfig
em0: flags=8843<UP,BROADCAST,RUNNING,SIMPLEX,MULTICAST> metric 0 mtu 1500
    options=9b<RXCSUM, TXCSUM, VLAN_MTU, VLAN_HWTAGGING, VLAN_HWCSUM>
    ether 08:00:27:58:b7:35
    hwaddr 08:00:27:58:b7:35
    inet 192.168.56.101 netmask 0xfffff00 broadcast 192.168.56.255
    nd6 options=29<PERFORMNUD, IFDISABLED, AUTO_LINKLOCAL>
    media: Ethernet autoselect (1000baseT <full-duplex>)
    status: active
lo0: flags=8049<UP,LOOPBACK,RUNNING,MULTICAST> metric 0 mtu 16384
    options=600003<RXCSUM, TXCSUM, RXCSUM_IPU6, TXCSUM_IPU6>
    inet6 ::1 prefixlen 128
    inet6 fe80::1%lo0 prefixlen 64 scopeid 0x2
    inet 127.0.0.1 netmask 0xff000000
    nd6 options=21<PERFORMNUD, AUTO_LINKLOCAL>
    groups: lo
$
```

Login to FreeBSD Box, Find the ip address and take a note.

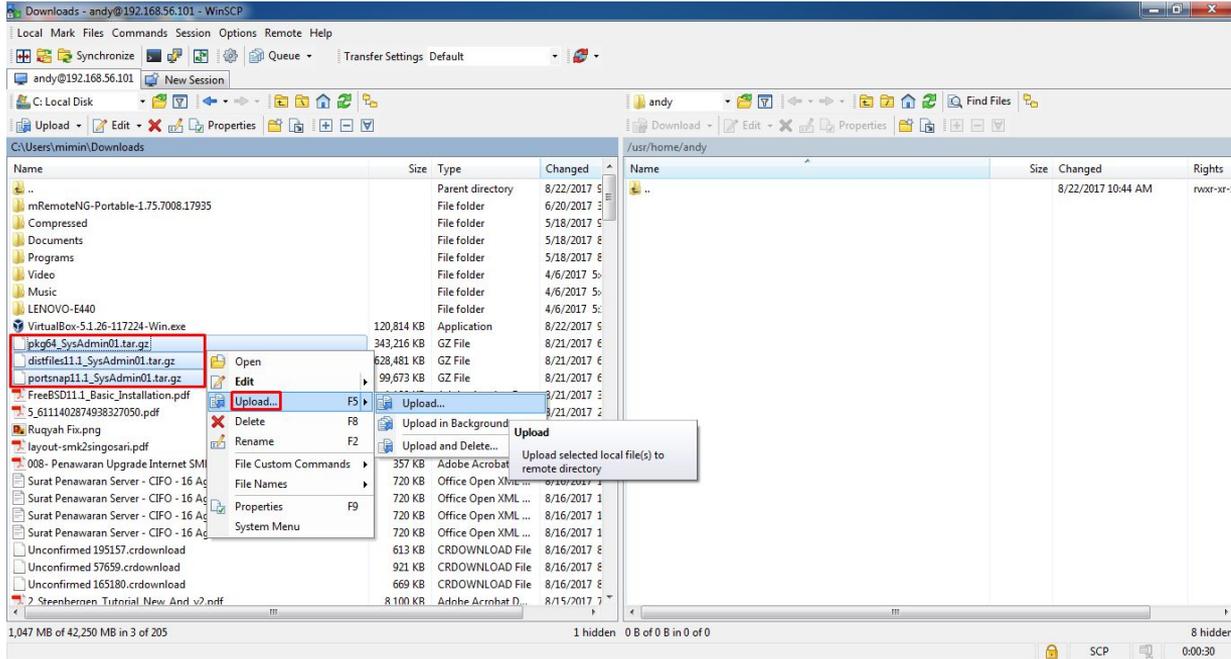
The Setup. Configuration. Deploy

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Using WinSCP, put the ip address, username and passwd. And SCP protocol to Login.

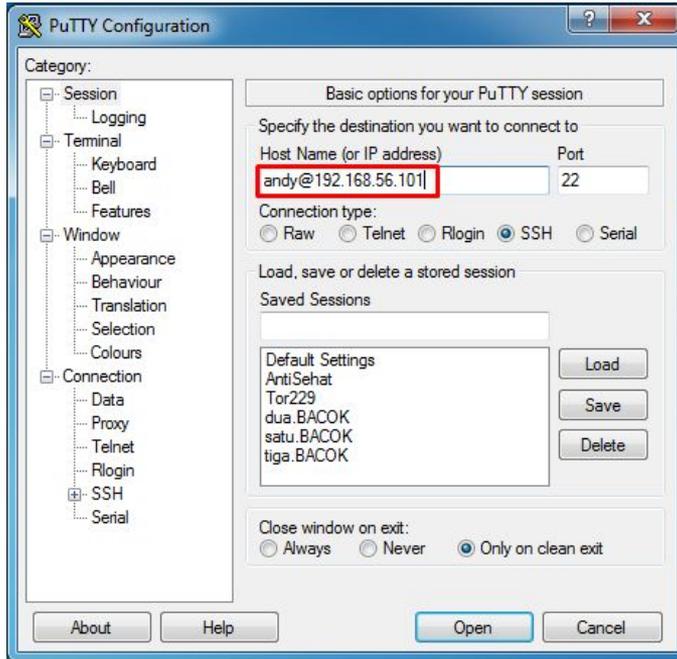
The Setup. Configuration. Deploy



Upload The 3 files you need
to the server :
Portsnap, distfiles, pkg

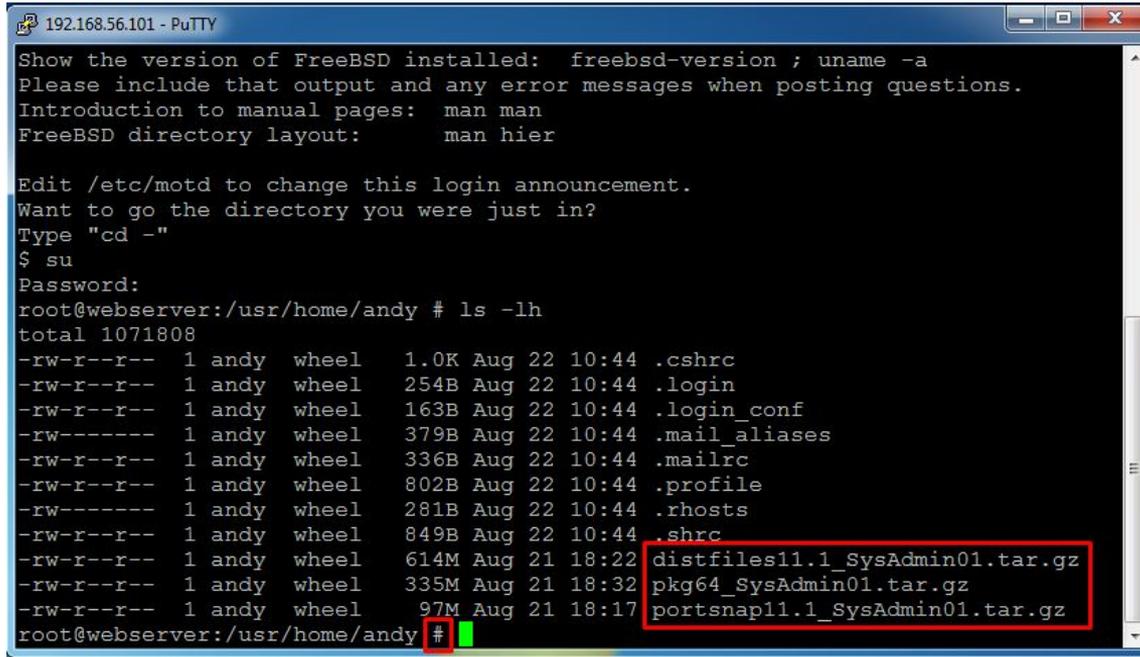
The Setup. Configuration. Deploy

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Use “PUTTY” to log in to the server.
username@ipaddress and ssh port

The Setup. Configuration. Deploy

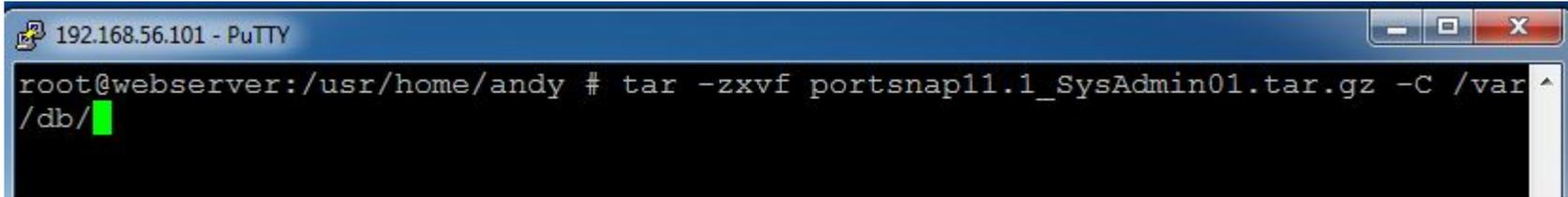


```
192.168.56.101 - PuTTY
Show the version of FreeBSD installed: freebsd-version ; uname -a
Please include that output and any error messages when posting questions.
Introduction to manual pages: man man
FreeBSD directory layout: man hier

Edit /etc/motd to change this login announcement.
Want to go the directory you were just in?
Type "cd -"
$ su
Password:
root@webserver:/usr/home/andy # ls -lh
total 1071808
-rw-r--r--  1 andy  wheel   1.0K Aug 22 10:44 .cshrc
-rw-r--r--  1 andy  wheel   254B Aug 22 10:44 .login
-rw-r--r--  1 andy  wheel   163B Aug 22 10:44 .login_conf
-rw-----  1 andy  wheel   379B Aug 22 10:44 .mail_aliases
-rw-r--r--  1 andy  wheel   336B Aug 22 10:44 .mailrc
-rw-r--r--  1 andy  wheel   802B Aug 22 10:44 .profile
-rw-----  1 andy  wheel   281B Aug 22 10:44 .rhosts
-rw-r--r--  1 andy  wheel   849B Aug 22 10:44 .shrc
-rw-r--r--  1 andy  wheel   614M Aug 21 18:22 distfiles11.1_SysAdmin01.tar.gz
-rw-r--r--  1 andy  wheel   335M Aug 21 18:32 pkg64_SysAdmin01.tar.gz
-rw-r--r--  1 andy  wheel    97M Aug 21 18:17 portsnap11.1_SysAdmin01.tar.gz
root@webserver:/usr/home/andy #
```

Login as “Root” afterthat. Check all the files that we need, are they in the server or not.

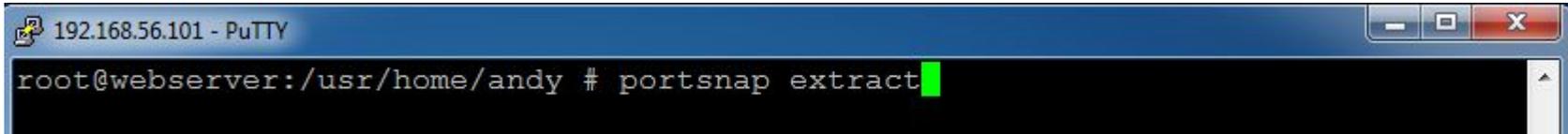
The Setup. Configuration. Deploy

A terminal window titled "192.168.56.101 - PuTTY" showing a shell prompt "root@webserver:/usr/home/andy #". The command "tar -zxvf portsnap11.1_SysAdmin01.tar.gz -C /var/db/" is entered, with a green cursor at the end of the line.

```
192.168.56.101 - PuTTY
root@webserver:/usr/home/andy # tar -zxvf portsnap11.1_SysAdmin01.tar.gz -C /var/db/
```

Extracting Portsnap

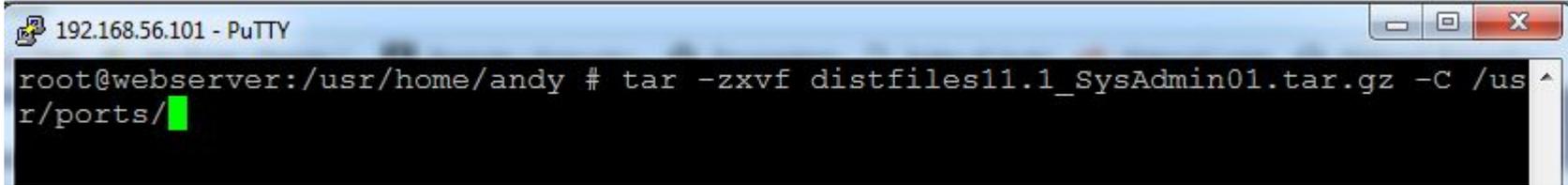
```
# tar -zxvf portsnap11.1_SysAdmin01.tar.gz -C /var/db/
```

A terminal window titled "192.168.56.101 - PuTTY" showing a shell prompt "root@webserver:/usr/home/andy #". The command "portsnap extract" is entered, with a green cursor at the end of the line.

```
192.168.56.101 - PuTTY
root@webserver:/usr/home/andy # portsnap extract
```

```
# portsnap extract
```

The Setup. Configuration. Deploy

A screenshot of a PuTTY terminal window. The title bar shows '192.168.56.101 - PuTTY'. The terminal content shows a root user at a webserver prompt: 'root@webserver:~/usr/home/andy # tar -zxvf distfiles11.1_SysAdmin01.tar.gz -C /usr/ports/'. A green cursor is visible at the end of the command line.

```
192.168.56.101 - PuTTY
root@webserver:~/usr/home/andy # tar -zxvf distfiles11.1_SysAdmin01.tar.gz -C /usr/ports/
```

Extracting Distfiles

```
# tar -zxvf distfiles11.1_SysAdmin01.tar.gz -C /usr/ports/
```

You're Done !

The Credits

ALLAH SWT & Nabi Muhammad SAW

www.skyline.net.id

FSISystem

Quanta & Inspur Servers

Komunitas BelajarFreeBSD Indonesia