

SNA001 LAB - FUNDAMENTALS

System installation, network setup and remote access

- Install a server-oriented UNIX-like distribution in a virtual machine (e.g. VirtualBox)
 - Do not enable any graphical interface (eventually disable it)
 - What is your virtual network topology? Get a DHCP lease or setup a static IP and make sure you can ping `opendns.com`
 - Setup SSH and reach the machine remotely (without a password). Also take care of the `.ssh/` config folder and file permissions
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Useful links

install

The Slackware Linux Project <http://www.slackware.com/>

slackware » beginners_guide http://docs.slackware.com/slackware:beginners_guide

The Revised Slackware Book Project <https://www.slackbook.org/>

Part 4: Linux Newbie Administrator FAQ <https://www.isid.ac.in/~statmath/resources/linux/FAQ.htm>

network

Linux dhclient command <https://www.computerhope.com/unix/dhclient.htm>

Interface Configuration for IP <https://www.oreilly.com/library/view/linux-network-administrators/1565924002/ch05s07.html>

15 Useful “ifconfig” Commands to Configure Network Interface in Linux <https://www.tecmint.com/ifconfig-command-examples/>

file-permissions

File-system permissions https://en.wikipedia.org/wiki/File-system_permissions

Why do I need an ‘execute’ bit in file mode on Unix file systems? <https://superuser.com/questions/405972/why-do-i-need-an-execute-bit-in-file-mode-on-unix-file-systems/405973>

Execute vs Read bit. How do directory permissions in Linux work? <https://unix.stackexchange.com/questions/21251/execute-vs-read-bit-how-do-directory-permissions-in-linux-work>