Virtual image manual

Login data	Change the current directory:
 username: sui password: Internet1 	<pre>\$ cd zadatak1 \$ cd</pre>
Turning off the virtual machine	Create/remove the directory:
• Menu Machine \rightarrow "ACPI Shutdown"	<pre>\$ mkdir test \$ rmdir test</pre>
Command line navigation	\$ rm -r test
 Up and down arrows are used to navigate command history The Tab key is used to auto-complete commands 	<pre>View the directory: \$ ls \$ ls -al \$ ls -alh</pre>
Network data for the virtual machine	Create a text file:
 Network interface data (lo, eth0, eth1) \$ ip addr \$ ip a 	\$ nano file \$ echo "Ivo Ćop, 0036123456" > file
 Routing table \$ in routo 	Additional information about a command:
\$ ip r	\$ man gpg \$ gpg -h
Data exchange with the machine using SCP:	\$ gpghelp
 Used to exchange data with the virtual machine Host - interface eth1 IP address (default is 192.168.56.231) 	<pre>Fetch data from the Internet: \$ wget optimus.tel.fer.hr/test Check the file type:</pre>
 Username and password - same as login data SCP client - WinSCP: 	\$ file test
 http://winscp.net/eng/download.php Virtual machine has NAT port forwarding enabled so the machine is accessible through 	View file data: \$ cat test
localhost:2202 or 127.0.0.1:2202.	<pre>\$ nano test \$ more test</pre>
Connect to the virtual machine using SSH:	\$ less test
 Used to execute commands in the virtual machine The same settings as SCP SSH client - Putty: 	<pre>Create an archive: \$ tar czvf ime_arhive.tar.gz f1 f2 \$ zip ime_arhive.zip f1 f2</pre>
 nttp://www.chlark.greenend.org.uk/ ~sgtatham/putty/ Vrijedi isto NAT port-forwarding pravilo kao i za SCP 	<pre>View an archive: \$ tar tvf ime_arhive.tar.gz \$ unzip -l ime_arhive.zip</pre>

Extract an archive:

\$ tar xvf ime_arhive.tar.gz
\$ unzip ime_arhive.zip
\$ unrar x ime_arhive.rar

View running applications:

\$ ps ax

\$ top

\$ htop

Overview of active sockets:

\$ netstat -an

- TCP:
 - \$ netstat -ant
- UDP:\$ netstat -anu

Check network connectivity:

\$ ping google.com
\$ traceroute google.com

Perform as a superuser:

\$ sudo su
\$ sudo service apache2 start

Start/stop services:

service apache2 start
service mysql stop
service ssh restart