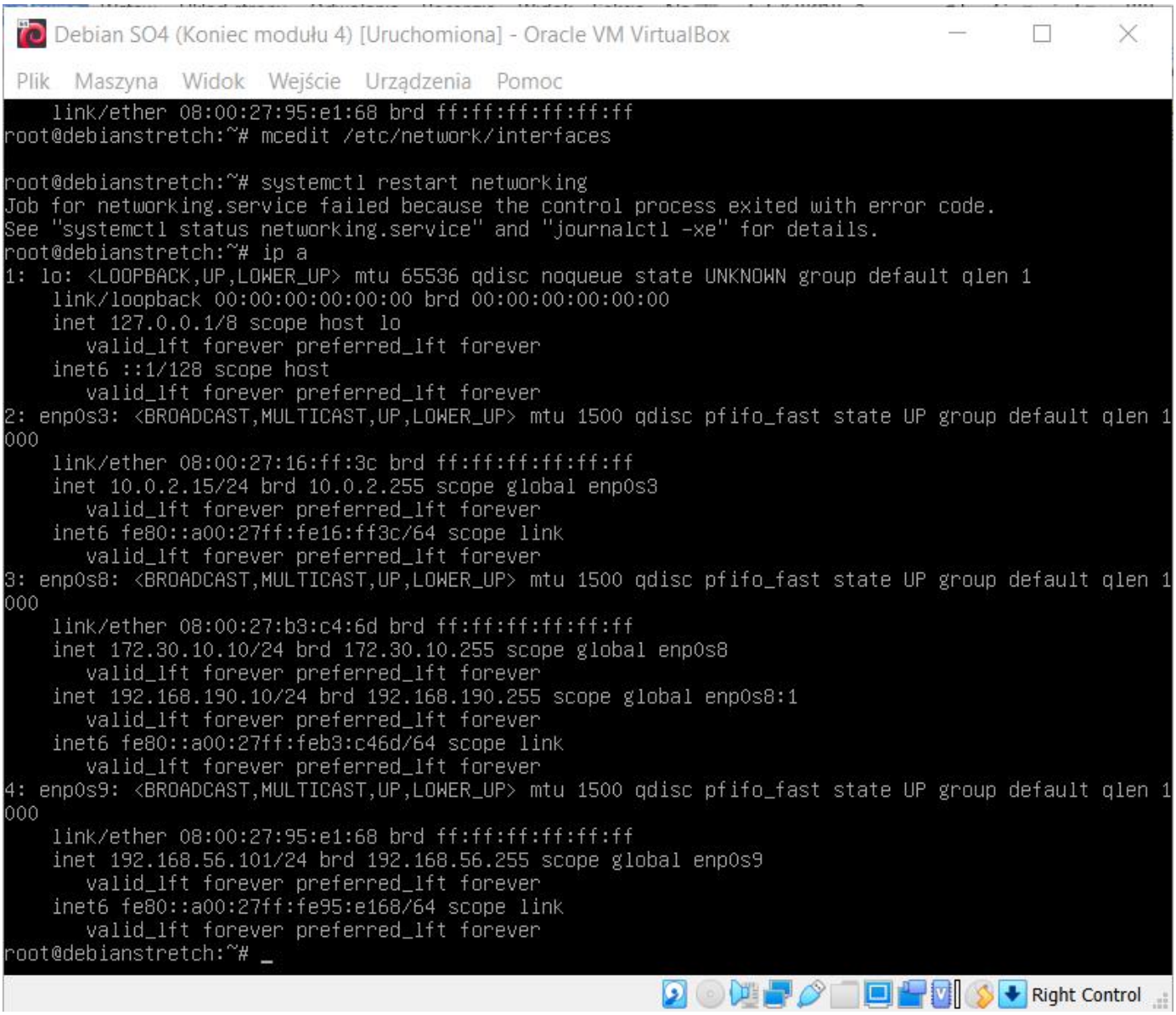
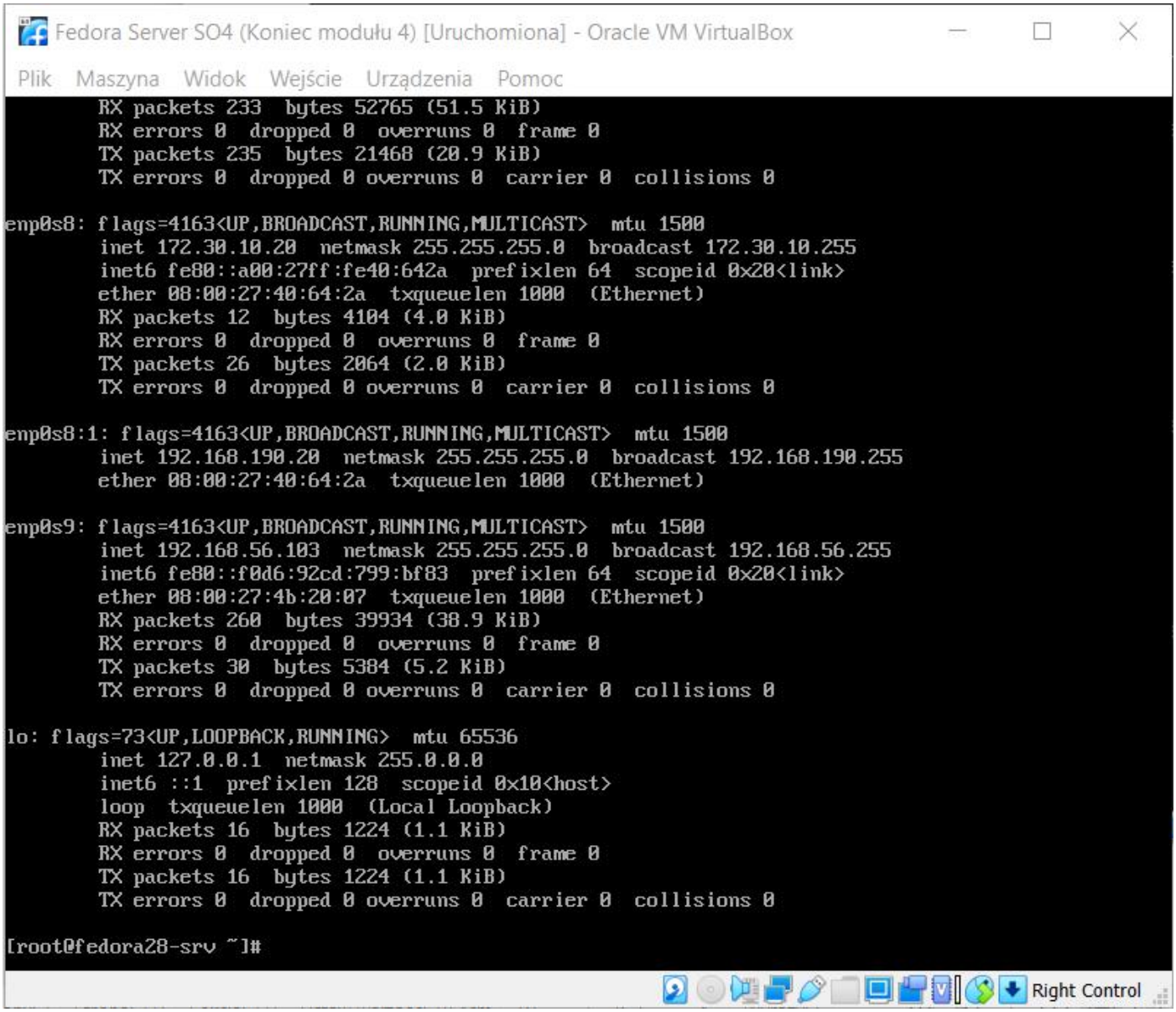
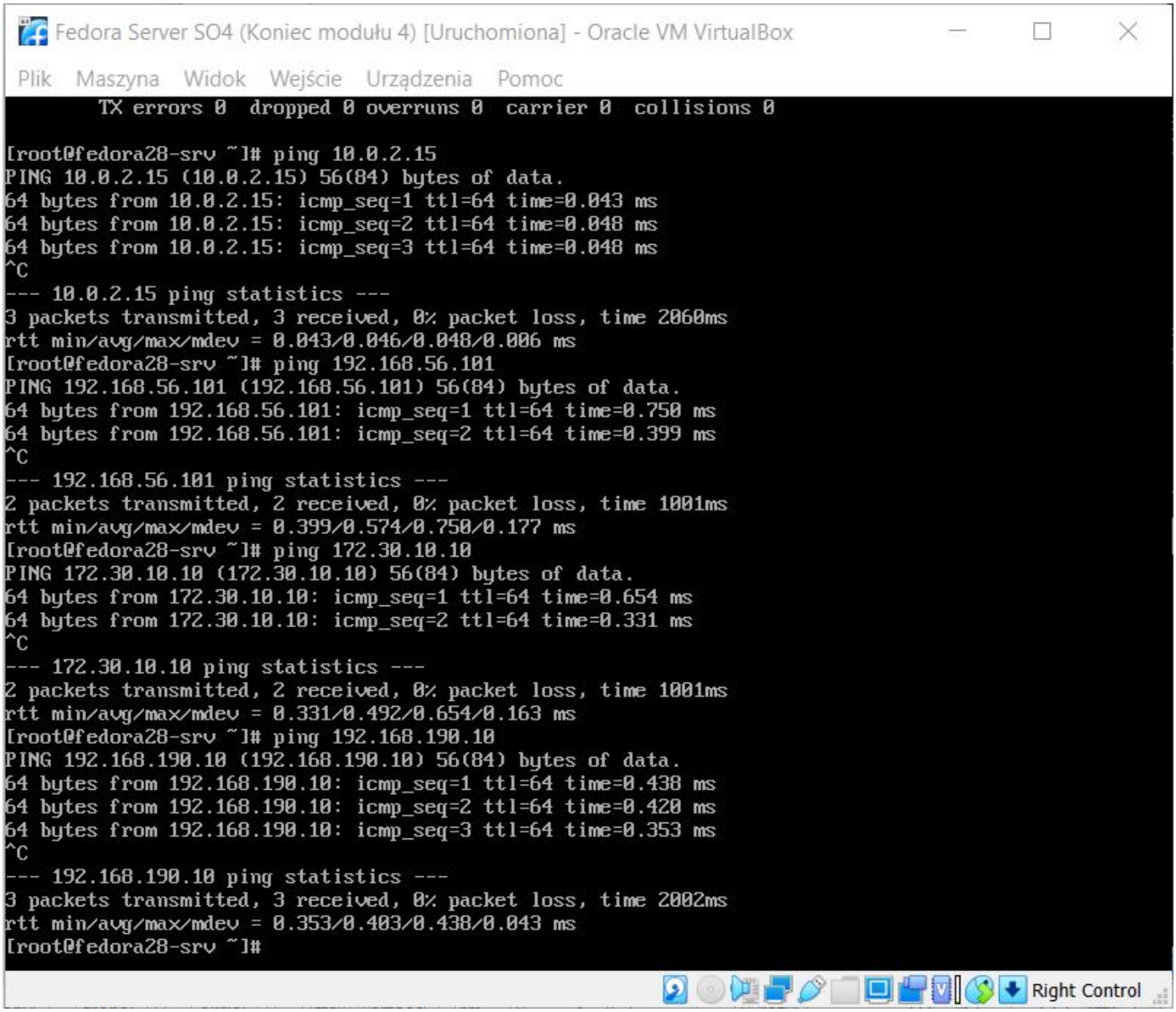
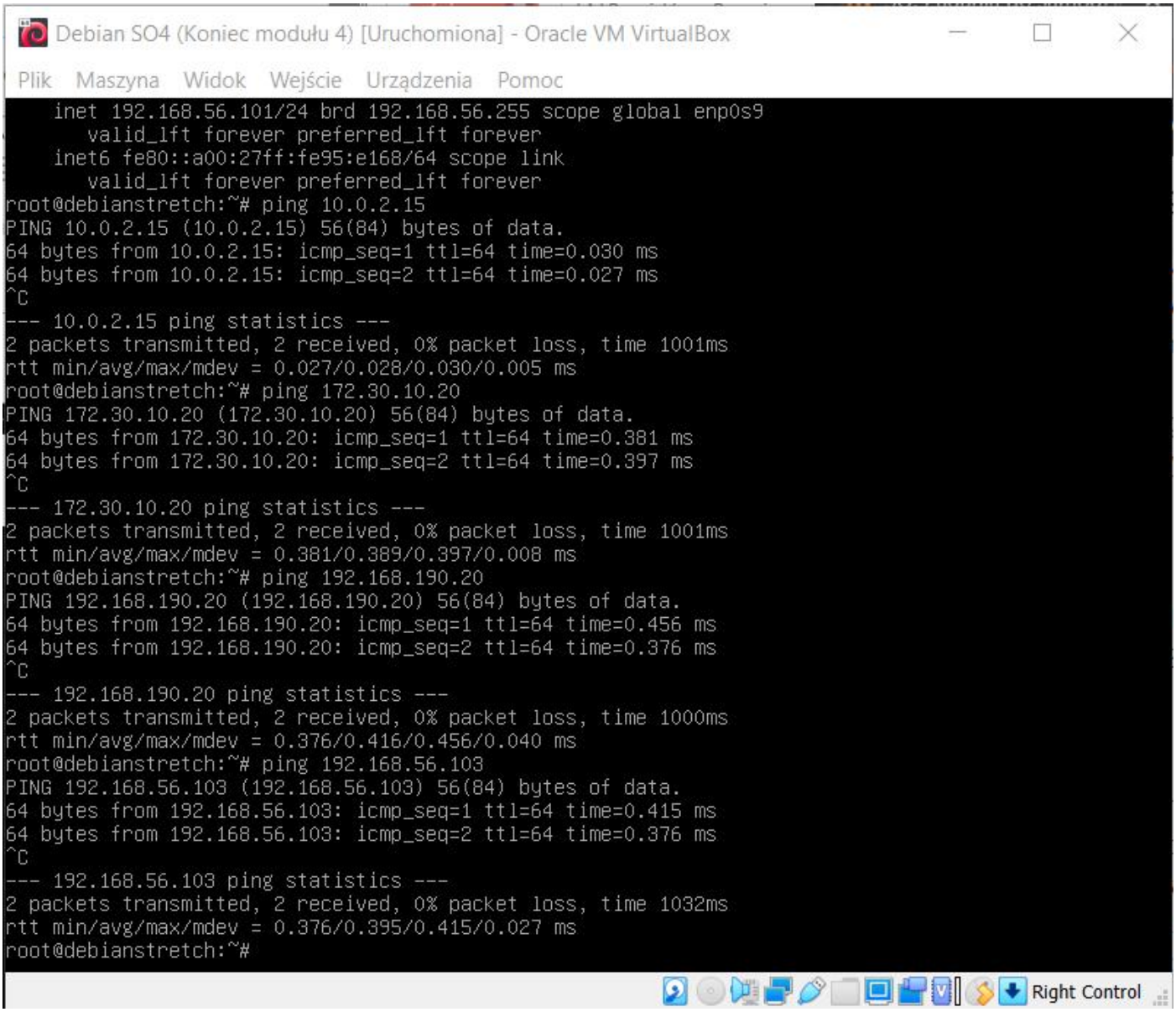
Zadanie domowe 4
Adam Stanek

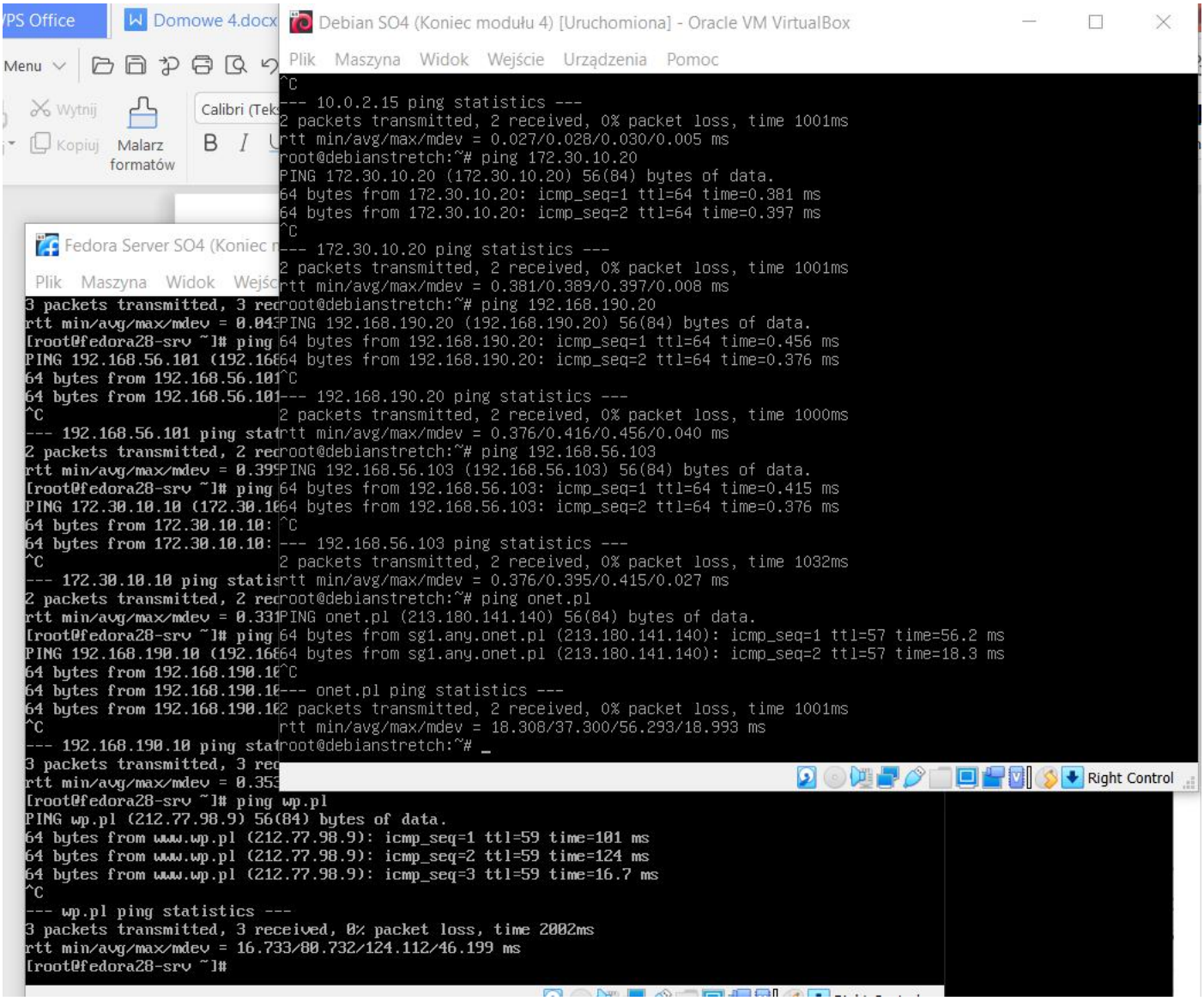
1.



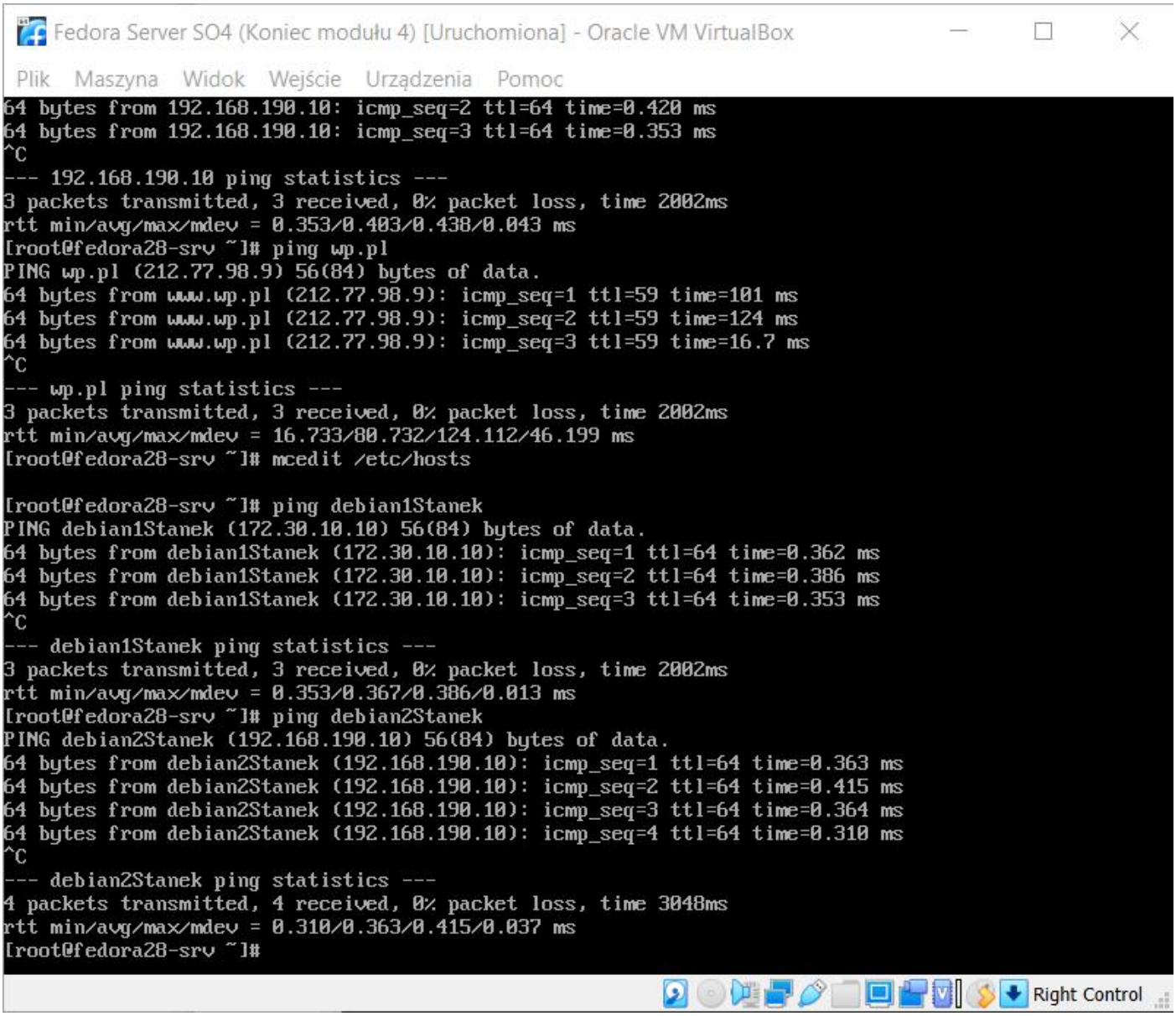

Fedora Server SO4 (Koniec modułu 4) [Uruchomiona] - Oracle VM VirtualBox
Plik Maszyna Widok Wejście Urządzenia Pomoc
RX packets 233 bytes 52765 (51.5 KiB)
RX errors 0 dropped 0 overruns 0 frame 0
TX packets 235 bytes 21468 (20.9 KiB)
TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0
enp0s8: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500
inet 172.30.10.20 netmask 255.255.255.0 broadcast 172.30.10.255
inet6 fe80::a00:27ff:fe40:642a prefixlen 64 scopeid 0x20<link>
ether 08:00:27:40:64:2a txqueuelen 1000 (Ethernet)
RX packets 12 bytes 4104 (4.0 KiB)
RX errors 0 dropped 0 overruns 0 frame 0
TX packets 26 bytes 2064 (2.0 KiB)
TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0
enp0s8:1: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500
inet 192.168.190.20 netmask 255.255.255.0 broadcast 192.168.190.255
ether 08:00:27:40:64:2a txqueuelen 1000 (Ethernet)
enp0s9: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500
inet 192.168.56.103 netmask 255.255.255.0 broadcast 192.168.56.255
inet6 fe80::f0d6:92cd:799:bf83 prefixlen 64 scopeid 0x20<link>
ether 08:00:27:4b:20:07 txqueuelen 1000 (Ethernet)
RX packets 260 bytes 39934 (38.9 KiB)
RX errors 0 dropped 0 overruns 0 frame 0
TX packets 30 bytes 5384 (5.2 KiB)
TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0
lo: flags=73<UP,LOOPBACK,RUNNING> mtu 65536
inet 127.0.0.1 netmask 255.0.0.0
inet6 ::1 prefixlen 128 scopeid 0x10<host>
loop txqueuelen 1000 (Local Loopback)
RX packets 16 bytes 1224 (1.1 KiB)
RX errors 0 dropped 0 overruns 0 frame 0
TX packets 16 bytes 1224 (1.1 KiB)
TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0
[root@fedora28-srv ~]#
Right Control


Fedora Server SO4 (Koniec modułu 4) [Uruchomiona] - Oracle VM VirtualBox
Plik Maszyna Widok Wejście Urządzenia Pomoc
TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0
[root@fedora28-srv ~]# ping 10.0.2.15
PING 10.0.2.15 (10.0.2.15) 56(84) bytes of data.
64 bytes from 10.0.2.15: icmp_seq=1 ttl=64 time=0.043 ms
64 bytes from 10.0.2.15: icmp_seq=2 ttl=64 time=0.048 ms
64 bytes from 10.0.2.15: icmp_seq=3 ttl=64 time=0.048 ms
^C
--- 10.0.2.15 ping statistics ---
3 packets transmitted, 3 received, 0% packet loss, time 2060ms
rtt min/avg/max/mdev = 0.043/0.046/0.048/0.006 ms
[root@fedora28-srv ~]# ping 192.168.56.101
PING 192.168.56.101 (192.168.56.101) 56(84) bytes of data.
64 bytes from 192.168.56.101: icmp_seq=1 ttl=64 time=0.750 ms
64 bytes from 192.168.56.101: icmp_seq=2 ttl=64 time=0.399 ms
^C
--- 192.168.56.101 ping statistics ---
2 packets transmitted, 2 received, 0% packet loss, time 1001ms
rtt min/avg/max/mdev = 0.399/0.574/0.750/0.177 ms
[root@fedora28-srv ~]# ping 172.30.10.10
PING 172.30.10.10 (172.30.10.10) 56(84) bytes of data.
64 bytes from 172.30.10.10: icmp_seq=1 ttl=64 time=0.654 ms
64 bytes from 172.30.10.10: icmp_seq=2 ttl=64 time=0.331 ms
^C
--- 172.30.10.10 ping statistics ---
2 packets transmitted, 2 received, 0% packet loss, time 1001ms
rtt min/avg/max/mdev = 0.331/0.492/0.654/0.163 ms
[root@fedora28-srv ~]# ping 192.168.190.10
PING 192.168.190.10 (192.168.190.10) 56(84) bytes of data.
64 bytes from 192.168.190.10: icmp_seq=1 ttl=64 time=0.438 ms
64 bytes from 192.168.190.10: icmp_seq=2 ttl=64 time=0.420 ms
64 bytes from 192.168.190.10: icmp_seq=3 ttl=64 time=0.353 ms
^C
--- 192.168.190.10 ping statistics ---
3 packets transmitted, 3 received, 0% packet loss, time 2002ms
rtt min/avg/max/mdev = 0.353/0.403/0.438/0.043 ms
[root@fedora28-srv ~]#
Right Control

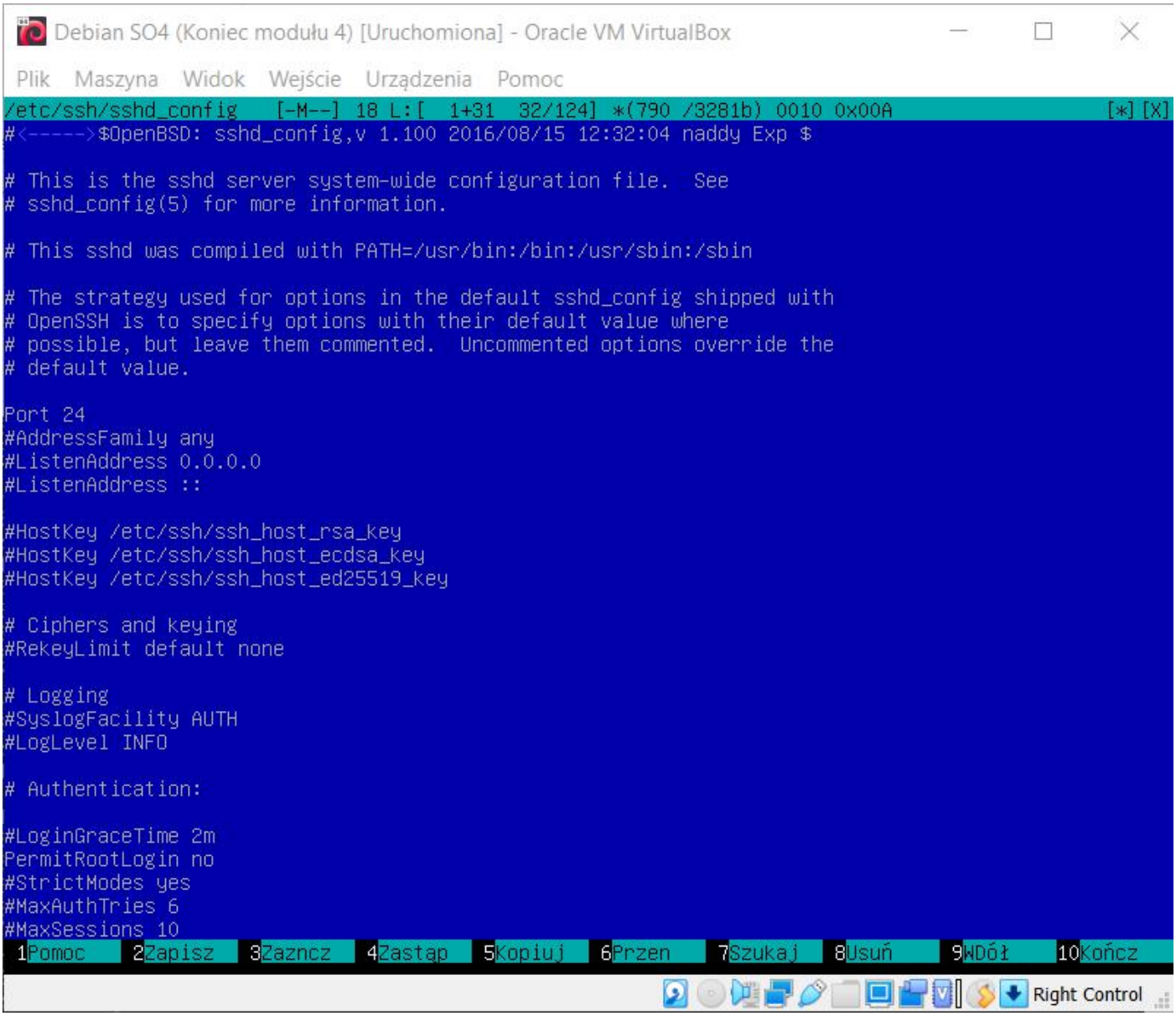

Debian SO4 (Koniec modułu 4) [Uruchomiona] - Oracle VM VirtualBox
Plik Maszyna Widok Wejście Urządzenia Pomoc
inet 192.168.56.101/24 brd 192.168.56.255 scope global enp0s9
valid_lft forever preferred_lft forever
inet6 fe80::a00:27ff:fe95:e168/64 scope link
valid_lft forever preferred_lft forever
root@debianstretch:~# ping 10.0.2.15
PING 10.0.2.15 (10.0.2.15) 56(84) bytes of data.
64 bytes from 10.0.2.15: icmp_seq=1 ttl=64 time=0.030 ms
64 bytes from 10.0.2.15: icmp_seq=2 ttl=64 time=0.027 ms
^C
--- 10.0.2.15 ping statistics ---
2 packets transmitted, 2 received, 0% packet loss, time 1001ms
rtt min/avg/max/mdev = 0.027/0.028/0.030/0.005 ms
root@debianstretch:~# ping 172.30.10.20
PING 172.30.10.20 (172.30.10.20) 56(84) bytes of data.
64 bytes from 172.30.10.20: icmp_seq=1 ttl=64 time=0.381 ms
64 bytes from 172.30.10.20: icmp_seq=2 ttl=64 time=0.397 ms
^C
--- 172.30.10.20 ping statistics ---
2 packets transmitted, 2 received, 0% packet loss, time 1001ms
rtt min/avg/max/mdev = 0.381/0.389/0.397/0.008 ms
root@debianstretch:~# ping 192.168.190.20
PING 192.168.190.20 (192.168.190.20) 56(84) bytes of data.
64 bytes from 192.168.190.20: icmp_seq=1 ttl=64 time=0.456 ms
64 bytes from 192.168.190.20: icmp_seq=2 ttl=64 time=0.376 ms
^C
--- 192.168.190.20 ping statistics ---
2 packets transmitted, 2 received, 0% packet loss, time 1000ms
rtt min/avg/max/mdev = 0.376/0.416/0.456/0.040 ms
root@debianstretch:~# ping 192.168.56.103
PING 192.168.56.103 (192.168.56.103) 56(84) bytes of data.
64 bytes from 192.168.56.103: icmp_seq=1 ttl=64 time=0.415 ms
64 bytes from 192.168.56.103: icmp_seq=2 ttl=64 time=0.376 ms
^C
--- 192.168.56.103 ping statistics ---
2 packets transmitted, 2 received, 0% packet loss, time 1032ms
rtt min/avg/max/mdev = 0.376/0.395/0.415/0.027 ms
root@debianstretch:~#
Right Control

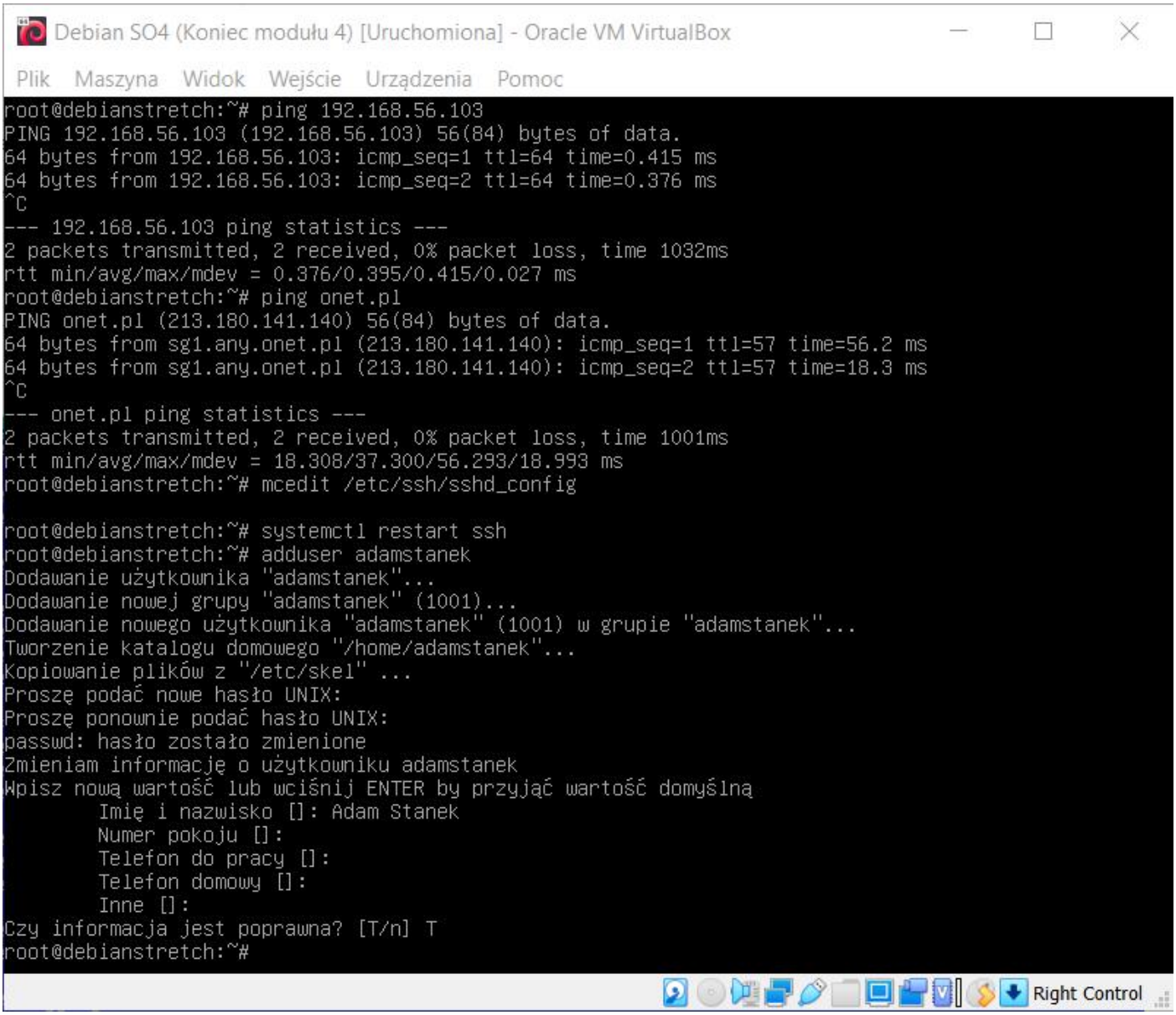

Debian SO4 (Koniec modułu 4) [Uruchomiona] - Oracle VM VirtualBox
Plik Maszyna Widok Wejście Urządzenia Pomoc
^C
--- 10.0.2.15 ping statistics ---
2 packets transmitted, 2 received, 0% packet loss, time 1001ms
rtt min/avg/max/mdev = 0.027/0.028/0.030/0.005 ms
root@debianstretch:~# ping 172.30.10.20
PING 172.30.10.20 (172.30.10.20) 56(84) bytes of data.
64 bytes from 172.30.10.20: icmp_seq=1 ttl=64 time=0.381 ms
64 bytes from 172.30.10.20: icmp_seq=2 ttl=64 time=0.397 ms
^C
--- 172.30.10.20 ping statistics ---
2 packets transmitted, 2 received, 0% packet loss, time 1001ms
rtt min/avg/max/mdev = 0.381/0.389/0.397/0.008 ms
root@debianstretch:~# ping 192.168.190.20
PING 192.168.190.20 (192.168.190.20) 56(84) bytes of data.
64 bytes from 192.168.190.20: icmp_seq=1 ttl=64 time=0.456 ms
64 bytes from 192.168.190.20: icmp_seq=2 ttl=64 time=0.376 ms
^C
--- 192.168.190.20 ping statistics ---
2 packets transmitted, 2 received, 0% packet loss, time 1000ms
rtt min/avg/max/mdev = 0.376/0.416/0.456/0.040 ms
root@debianstretch:~# ping 192.168.56.103
PING 192.168.56.103 (192.168.56.103) 56(84) bytes of data.
64 bytes from 192.168.56.103: icmp_seq=1 ttl=64 time=0.415 ms
64 bytes from 192.168.56.103: icmp_seq=2 ttl=64 time=0.376 ms
^C
--- 192.168.56.103 ping statistics ---
2 packets transmitted, 2 received, 0% packet loss, time 1032ms
rtt min/avg/max/mdev = 0.376/0.395/0.415/0.027 ms
root@debianstretch:~# ping onet.pl
PING onet.pl (213.180.141.140) 56(84) bytes of data.
64 bytes from sg1.any.onet.pl (213.180.141.140): icmp_seq=1 ttl=57 time=56.2 ms
64 bytes from sg1.any.onet.pl (213.180.141.140): icmp_seq=2 ttl=57 time=18.3 ms
^C
--- onet.pl ping statistics ---
2 packets transmitted, 2 received, 0% packet loss, time 1001ms
rtt min/avg/max/mdev = 18.308/37.300/56.293/18.993 ms
root@debianstretch:~# _
Right Control
Fedora Server SO4 (Koniec
Plik Maszyna Widok Wejśc
3 packets transmitted, 3 rec
rtt min/avg/max/mdev = 0.04
[root@fedora28-srv ~]# ping
PING 192.168.56.101 (192.16
64 bytes from 192.168.56.101
64 bytes from 192.168.56.101
^C
--- 192.168.56.101 ping stat
2 packets transmitted, 2 rec
rtt min/avg/max/mdev = 0.39
[root@fedora28-srv ~]# ping
PING 172.30.10.10 (172.30.1
64 bytes from 172.30.10.10:
64 bytes from 172.30.10.10:
^C
--- 172.30.10.10 ping statis
2 packets transmitted, 2 rec
rtt min/avg/max/mdev = 0.331
[root@fedora28-srv ~]# ping
PING 192.168.190.10 (192.16
64 bytes from 192.168.190.1
64 bytes from 192.168.190.1
64 bytes from 192.168.190.1
^C
--- 192.168.190.10 ping stat
3 packets transmitted, 3 rec
rtt min/avg/max/mdev = 0.353
[root@fedora28-srv ~]# ping wp.pl
PING wp.pl (212.77.98.9) 56(84) bytes of data.
64 bytes from www.wp.pl (212.77.98.9): icmp_seq=1 ttl=59 time=101 ms
64 bytes from www.wp.pl (212.77.98.9): icmp_seq=2 ttl=59 time=124 ms
64 bytes from www.wp.pl (212.77.98.9): icmp_seq=3 ttl=59 time=16.7 ms
^C
--- wp.pl ping statistics ---
3 packets transmitted, 3 received, 0% packet loss, time 2002ms
rtt min/avg/max/mdev = 16.733/80.732/124.112/46.199 ms
[root@fedora28-srv ~]#

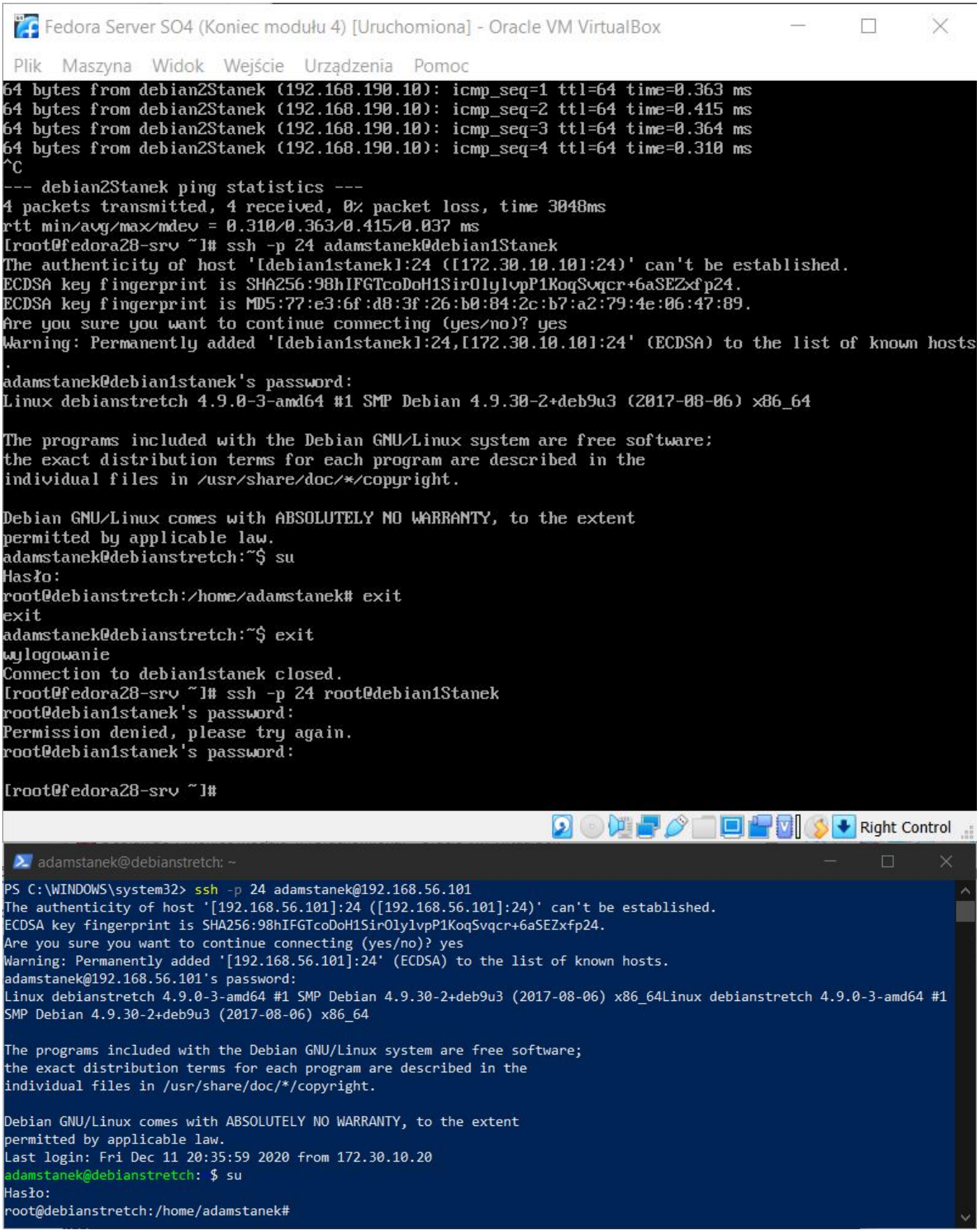
2.

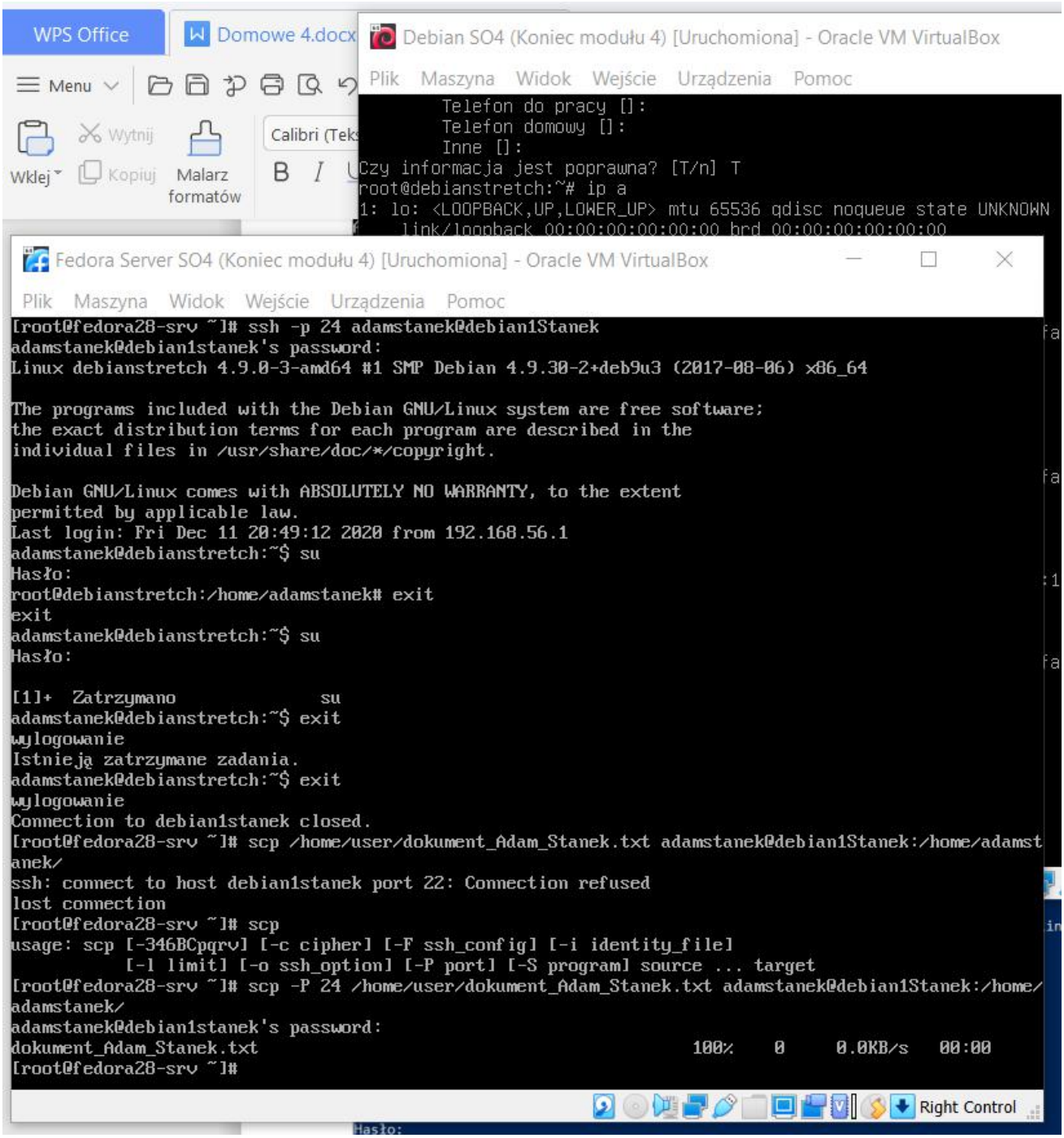

Fedora Server SO4 (Koniec modułu 4) [Uruchomiona] - Oracle VM VirtualBox
Plik Maszyna Widok Wejście Urządzenia Pomoc
64 bytes from 192.168.190.10: icmp_seq=2 ttl=64 time=0.420 ms
64 bytes from 192.168.190.10: icmp_seq=3 ttl=64 time=0.353 ms
^C
--- 192.168.190.10 ping statistics ---
3 packets transmitted, 3 received, 0% packet loss, time 2002ms
rtt min/avg/max/mdev = 0.353/0.403/0.438/0.043 ms
[root@fedora28-srv ~]# ping wp.pl
PING wp.pl (212.77.98.9) 56(84) bytes of data.
64 bytes from www.wp.pl (212.77.98.9): icmp_seq=1 ttl=59 time=101 ms
64 bytes from www.wp.pl (212.77.98.9): icmp_seq=2 ttl=59 time=124 ms
64 bytes from www.wp.pl (212.77.98.9): icmp_seq=3 ttl=59 time=16.7 ms
^C
--- wp.pl ping statistics ---
3 packets transmitted, 3 received, 0% packet loss, time 2002ms
rtt min/avg/max/mdev = 16.733/80.732/124.112/46.199 ms
[root@fedora28-srv ~]# mcedit /etc/hosts
[root@fedora28-srv ~]# ping debian1Stanek
PING debian1Stanek (172.30.10.10) 56(84) bytes of data.
64 bytes from debian1Stanek (172.30.10.10): icmp_seq=1 ttl=64 time=0.362 ms
64 bytes from debian1Stanek (172.30.10.10): icmp_seq=2 ttl=64 time=0.386 ms
64 bytes from debian1Stanek (172.30.10.10): icmp_seq=3 ttl=64 time=0.353 ms
^C
--- debian1Stanek ping statistics ---
3 packets transmitted, 3 received, 0% packet loss, time 2002ms
rtt min/avg/max/mdev = 0.353/0.367/0.386/0.013 ms
[root@fedora28-srv ~]# ping debian2Stanek
PING debian2Stanek (192.168.190.10) 56(84) bytes of data.
64 bytes from debian2Stanek (192.168.190.10): icmp_seq=1 ttl=64 time=0.363 ms
64 bytes from debian2Stanek (192.168.190.10): icmp_seq=2 ttl=64 time=0.415 ms
64 bytes from debian2Stanek (192.168.190.10): icmp_seq=3 ttl=64 time=0.364 ms
64 bytes from debian2Stanek (192.168.190.10): icmp_seq=4 ttl=64 time=0.310 ms
^C
--- debian2Stanek ping statistics ---
4 packets transmitted, 4 received, 0% packet loss, time 3048ms
rtt min/avg/max/mdev = 0.310/0.363/0.415/0.037 ms
[root@fedora28-srv ~]#
Right Control

3.


Debian SO4 (Koniec modułu 4) [Uruchomiona] - Oracle VM VirtualBox
Plik Maszyna Widok Wejście Urządzenia Pomoc
/etc/ssh/sshd_config [-M--] 18 L:[1+31 32/124] *(790 /3281b) 0010 0x00A [*] [X]
#<----->$OpenBSD: sshd_config,v 1.100 2016/08/15 12:32:04 naddy Exp $
This is the sshd server system-wide configuration file. See
sshd_config(5) for more information.
This sshd was compiled with PATH=/usr/bin:/bin:/usr/sbin:/sbin
The strategy used for options in the default sshd_config shipped with
OpenSSH is to specify options with their default value where
possible, but leave them commented. Uncommented options override the
default value.
Port 24
#AddressFamily any
#ListenAddress 0.0.0.0
#ListenAddress ::
#HostKey /etc/ssh/ssh_host_rsa_key
#HostKey /etc/ssh/ssh_host_ecdsa_key
#HostKey /etc/ssh/ssh_host_ed25519_key
Ciphers and keying
#RekeyLimit default none
Logging
#SyslogFacility AUTH
#LogLevel INFO
Authentication:
#LoginGraceTime 2m
PermitRootLogin no
#StrictModes yes
#MaxAuthTries 6
#MaxSessions 10
1Pomoc 2Zapisz 3Zaznacz 4Zastąp 5Kopiuj 6Przen 7Szukaj 8Usuń 9WDół 10Kończ
Right Control


Debian SO4 (Koniec modułu 4) [Uruchomiona] - Oracle VM VirtualBox
Plik Maszyna Widok Wejście Urządzenia Pomoc
root@debianstretch:~# ping 192.168.56.103
PING 192.168.56.103 (192.168.56.103) 56(84) bytes of data.
64 bytes from 192.168.56.103: icmp_seq=1 ttl=64 time=0.415 ms
64 bytes from 192.168.56.103: icmp_seq=2 ttl=64 time=0.376 ms
^C
--- 192.168.56.103 ping statistics ---
2 packets transmitted, 2 received, 0% packet loss, time 1032ms
rtt min/avg/max/mdev = 0.376/0.395/0.415/0.027 ms
root@debianstretch:~# ping onet.pl
PING onet.pl (213.180.141.140) 56(84) bytes of data.
64 bytes from sg1.any.onet.pl (213.180.141.140): icmp_seq=1 ttl=57 time=56.2 ms
64 bytes from sg1.any.onet.pl (213.180.141.140): icmp_seq=2 ttl=57 time=18.3 ms
^C
--- onet.pl ping statistics ---
2 packets transmitted, 2 received, 0% packet loss, time 1001ms
rtt min/avg/max/mdev = 18.308/37.300/56.293/18.993 ms
root@debianstretch:~# mcedit /etc/ssh/sshd_config
root@debianstretch:~# systemctl restart ssh
root@debianstretch:~# adduser adamstanek
Dodawanie użytkownika "adamstanek"...
Dodawanie nowej grupy "adamstanek" (1001)...
Dodawanie nowego użytkownika "adamstanek" (1001) w grupie "adamstanek"...
Tworzenie katalogu domowego "/home/adamstanek"...
Kopiowanie plików z "/etc/skel" ...
Proszę podać nowe hasło UNIX:
Proszę ponownie podać hasło UNIX:
passwd: hasło zostało zmienione
Zmieniam informację o użytkowniku adamstanek
Wpisz nową wartość lub wciśnij ENTER by przyjąć wartość domyślną
Imię i nazwisko []: Adam Stanek
Numer pokoju []:
Telefon do pracy []:
Telefon domowy []:
Inne []:
Czy informacja jest poprawna? [T/n] T
root@debianstretch:~#
Right Control


Fedora Server SO4 (Koniec modułu 4) [Uruchomiona] - Oracle VM VirtualBox
Plik Maszyna Widok Wejście Urządzenia Pomoc
64 bytes from debian2Stanek (192.168.190.10): icmp_seq=1 ttl=64 time=0.363 ms
64 bytes from debian2Stanek (192.168.190.10): icmp_seq=2 ttl=64 time=0.415 ms
64 bytes from debian2Stanek (192.168.190.10): icmp_seq=3 ttl=64 time=0.364 ms
64 bytes from debian2Stanek (192.168.190.10): icmp_seq=4 ttl=64 time=0.310 ms
^C
--- debian2Stanek ping statistics ---
4 packets transmitted, 4 received, 0% packet loss, time 3048ms
rtt min/avg/max/mdev = 0.310/0.363/0.415/0.037 ms
[root@fedora28-srv ~]# ssh -p 24 adamstanek@debian1Stanek
The authenticity of host '[debian1stanek]:24 ([172.30.10.10]:24)' can't be established.
ECDSA key fingerprint is SHA256:98hIFGTcoDoH1SirOlylvpP1KoqSvqcr+6aSEZxfp24.
ECDSA key fingerprint is MD5:77:e3:6f:d8:3f:26:b0:84:2c:b7:a2:79:4e:06:47:89.
Are you sure you want to continue connecting (yes/no)? yes
Warning: Permanently added '[debian1stanek]:24,[172.30.10.10]:24' (ECDSA) to the list of known hosts.
adamstanek@debian1stanek's password:
Linux debianstretch 4.9.0-3-amd64 #1 SMP Debian 4.9.30-2+deb9u3 (2017-08-06) x86_64
The programs included with the Debian GNU/Linux system are free software;
the exact distribution terms for each program are described in the
individual files in /usr/share/doc/*/copyright.
Debian GNU/Linux comes with ABSOLUTELY NO WARRANTY, to the extent
permitted by applicable law.
adamstanek@debianstretch:~$ su
Hasło:
root@debianstretch:/home/adamstanek# exit
exit
adamstanek@debianstretch:~$ exit
wylogowanie
Connection to debian1stanek closed.
[root@fedora28-srv ~]# ssh -p 24 root@debian1Stanek
root@debian1stanek's password:
Permission denied, please try again.
root@debian1stanek's password:
[root@fedora28-srv ~]#
Right Control
adamstanek@debianstretch: ~
PS C:\WINDOWS\system32> ssh -p 24 adamstanek@192.168.56.101
The authenticity of host '[192.168.56.101]:24 ([192.168.56.101]:24)' can't be established.
ECDSA key fingerprint is SHA256:98hIFGTcoDoH1SirOlylvpP1KoqSvqcr+6aSEZxfp24.
Are you sure you want to continue connecting (yes/no)? yes
Warning: Permanently added '[192.168.56.101]:24' (ECDSA) to the list of known hosts.
adamstanek@192.168.56.101's password:
Linux debianstretch 4.9.0-3-amd64 #1 SMP Debian 4.9.30-2+deb9u3 (2017-08-06) x86_64Linux debianstretch 4.9.0-3-amd64 #1
SMP Debian 4.9.30-2+deb9u3 (2017-08-06) x86_64
The programs included with the Debian GNU/Linux system are free software;
the exact distribution terms for each program are described in the
individual files in /usr/share/doc/*/copyright.
Debian GNU/Linux comes with ABSOLUTELY NO WARRANTY, to the extent
permitted by applicable law.
Last login: Fri Dec 11 20:35:59 2020 from 172.30.10.20
adamstanek@debianstretch: $ su
Hasło:
root@debianstretch:/home/adamstanek#


WPS Office
Domowe 4.docx
Menu
Wytnij
Kopiuj
Wklej
Malarz formatów
Calibri (Teks
Debian SO4 (Koniec modułu 4) [Uruchomiona] - Oracle VM VirtualBox
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Telefon do pracy []:
Telefon domowy []:
Inne []:
Czy informacja jest poprawna? [T/n] T
root@debianstretch:~# ip a
1: lo: <LOOPBACK,UP,LOWER_UP> mtu 65536 qdisc noqueue state UNKNOWN
link/loopback 00:00:00:00:00:00 brd 00:00:00:00:00:00
Fedora Server SO4 (Koniec modułu 4) [Uruchomiona] - Oracle VM VirtualBox
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[root@fedora28-srv ~]# ssh -p 24 adamstanek@debian1Stanek
adamstanek@debian1stanek's password:
Linux debianstretch 4.9.0-3-amd64 #1 SMP Debian 4.9.30-2+deb9u3 (2017-08-06) x86_64
The programs included with the Debian GNU/Linux system are free software;
the exact distribution terms for each program are described in the
individual files in /usr/share/doc/*/copyright.
Debian GNU/Linux comes with ABSOLUTELY NO WARRANTY, to the extent
permitted by applicable law.
Last login: Fri Dec 11 20:49:12 2020 from 192.168.56.1
adamstanek@debianstretch:~$ su
Hasło:
root@debianstretch:/home/adamstanek# exit
exit
adamstanek@debianstretch:~$ su
Hasło:
[1]+ Zatrzymano su
adamstanek@debianstretch:~$ exit
wylogowanie
Istnieją zatrzymane zadania.
adamstanek@debianstretch:~$ exit
wylogowanie
Connection to debian1stanek closed.
[root@fedora28-srv ~]# scp /home/user/dokument_Adam_Stanek.txt adamstanek@debian1Stanek:/home/adamst
anek/
ssh: connect to host debian1stanek port 22: Connection refused
lost connection
[root@fedora28-srv ~]# scp
usage: scp [-346BCpqrv] [-c cipher] [-F ssh_config] [-i identity_file]
[-l limit] [-o ssh_option] [-P port] [-S program] source ... target
[root@fedora28-srv ~]# scp -P 24 /home/user/dokument_Adam_Stanek.txt adamstanek@debian1Stanek:/home/
adamstanek/
adamstanek@debian1stanek's password:
dokument_Adam_Stanek.txt 100% 0 0.0KB/s 00:00
[root@fedora28-srv ~]#
Right Control
Hasło: