

2013

**Exercise for the topic:
Remote Services, SSH, SSH tunnels, VNC, RDP
(10 points)**

The exercise consists of the following parts:

1. Use SSH: (5 points)

- Configure the ssh connection without password from your laptop to a RISC computer (create the ssh key-pairs, etc.).
- login (without password) to a RISC computer by ssh from the computer you used in the previous step.
- on the RISC computer please list the `.ssh/authorized_keys` file with `ls -l`
- on the RISC computer please `cat` the content of the `.ssh/authorized_keys` file in the terminal window.
- invoke the `date` command in this terminal window.
- if necessary, increase the lines in the terminal window, to show the full log of the previous steps.
- create a screen shot about this terminal window on your laptop and copy it in some way (scp, sftp, etc.) to your CBWE account into the `exercises/ssh` directory as **ssh-no-passwd.jpg** .
On the screenshot all steps must be visible (from creating the key-pairs to the date command), if necessary make two screenshots.

2. Use VNC: (5 points)

- configure an SSH tunnel for the VNC connection to a RISC computer (you must configure the tunnel, no direct connection is possible to the VNC server from your laptop !).
- make a VNC connection to a RISC computer from your laptop
- make a screen shot about the terminal window (which contains the log about invoking the ssh tunnel and starting the xvncviewer program
- copy this screen shot to the `exercises/ssh` directory as **starting-vnc.jpg**
- start gimp and it's help page in your VNC session (on the RISC computer)
- create a full screen shot
- the icon of your photo must be visible on the screen shot
- save the screen shot in the `exercises/ssh` directory as **vnc-login.jpg**

Deadline: January 31, 2014.