



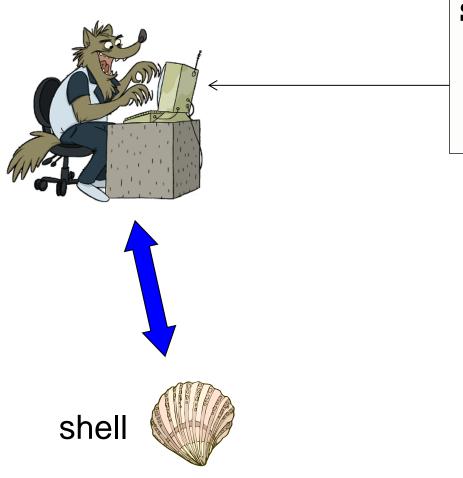
The Unix Shell

The Secure Shell



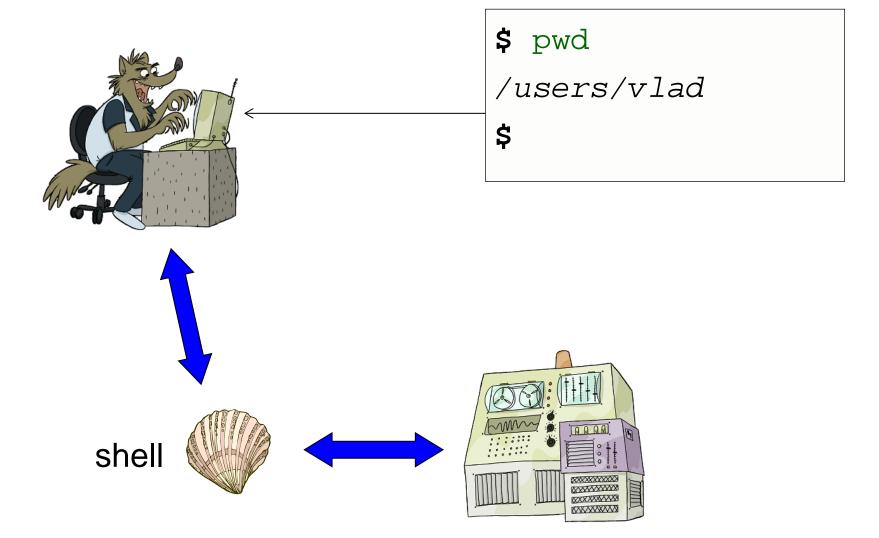
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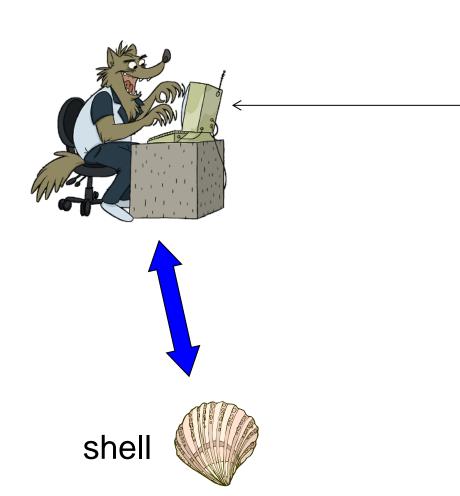








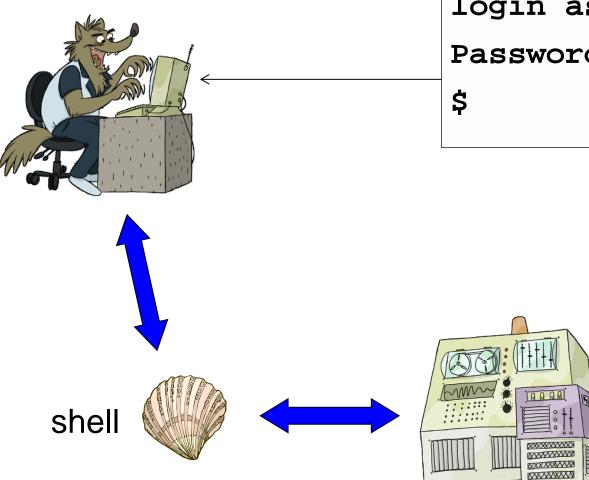




login as: vlad

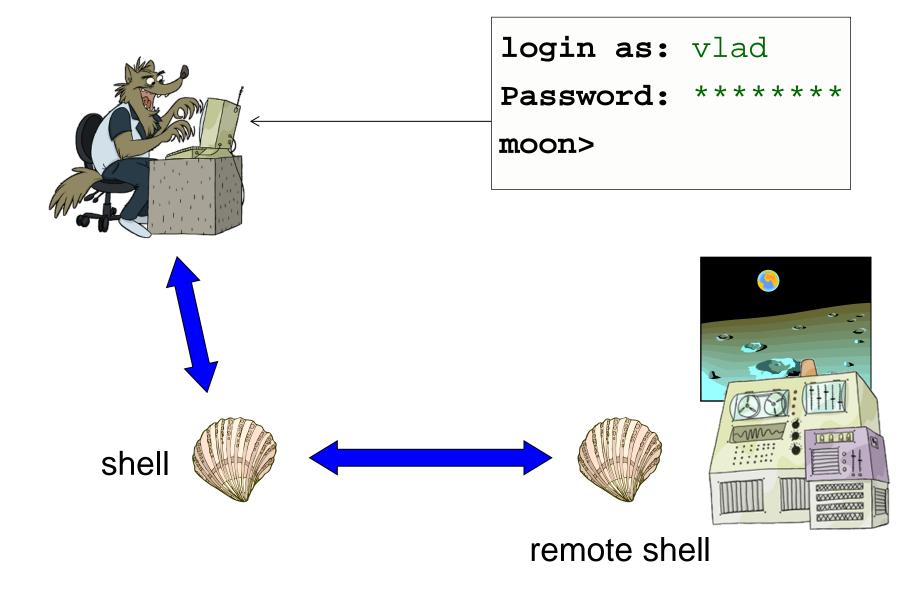
Password: ******



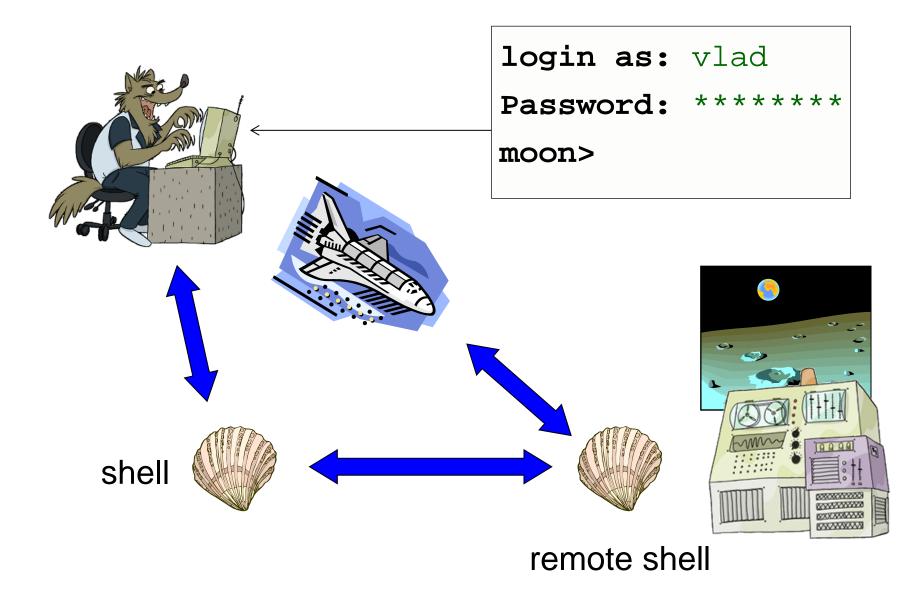


login as: vlad Password: *******











\$ pwd /users/vlad

\$ ssh vlad@moon

Password:



\$ pwd

/users/vlad

- \$ ssh vlad@moon
- Password: ***
- Access denied

Password:



\$ pwd

/users/vlad

- \$ ssh vlad@moon
- Password: ***
- Access denied
- Password: ******
- moon> pwd
- /home/vlad
- moon> ls -F
- bin/ cheese.txt dark_side/ rocks.cfg



\$ pwd

/users/vlad

- \$ ssh vlad@moon
- Password: ***

Access denied

Password: *******

moon> pwd

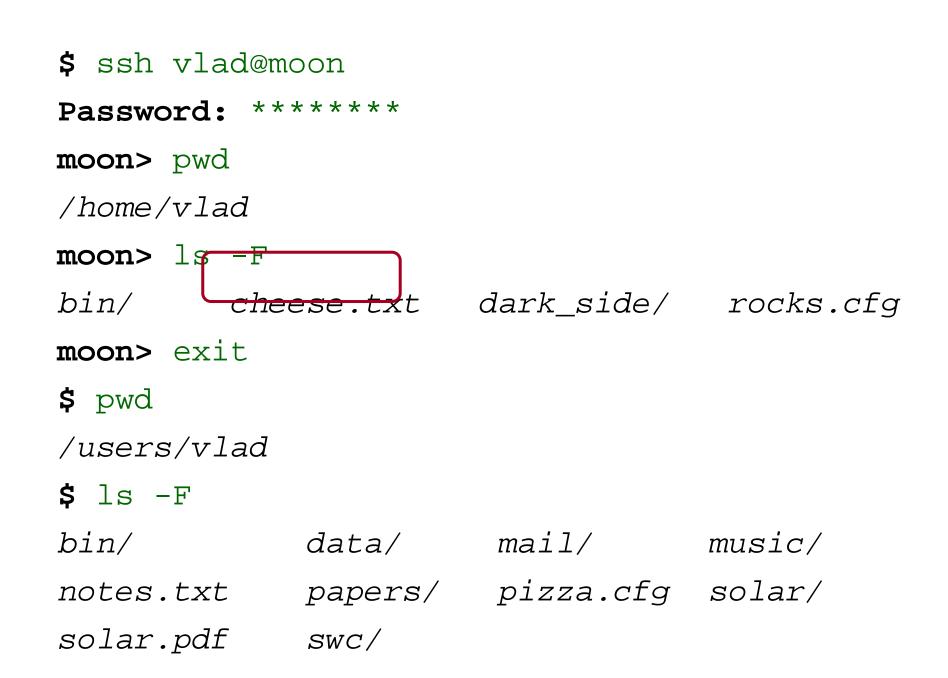
/home/vlad

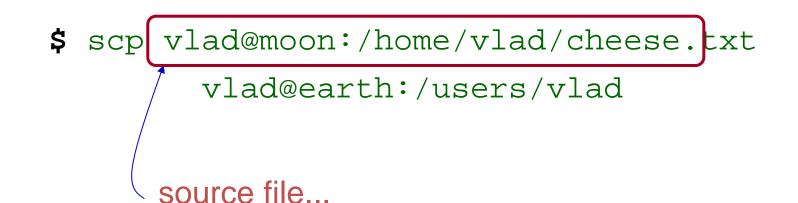
- moon> ls -F
- bin/ cheese.txt dark_side/ rocks.cfg

moon> exit

- \$ pwd
- /users/vlad







scp vlad@moon:/home/vlad/cheese.txt \$ vlad@earth:/users/vlad

source file... ...to destination directory



> source file... ...to destination directory source and destination are written as user@computer:path



cheese.txt 100% 9 1.0 KB/s 00:00





- \$ scp -r vlad@moon:/home/vlad/dark_side
 /users/vlad
- \$ pwd
- /users/vlad
- \$ scp -r vlad@moon:/home/vlad/dark_side

same destination path/



\$ ssh vlad@moon

Password: *******

moon> df -h

Filesystem Size Used Avail Use% Mounted O /dev/sda1 7.9G 2.1G 5.5G 28% /dev/sda2 791G 150G 642G 19% /home moon> df -h > usage.txt moon> exit \$ scp vlad@moon:/home/vlad/usage.txt . * * * * * * * * Password: 100% 134 1.0 KB/s 00:0 usage.txt



\$ ssh vlad@moon 'df -h' Password: ******

Filesystem Size Used Avail Use% Mounted O /dev/sda1 7.9G 2.1G 5.5G 28% / /dev/sda2 791G 150G 642G 19% /home



\$ ssh vlad@moon 'df -h' Password: ****** Filesystem Size Used Avail

/dev/sda1 7.9G 2.1G 5.5G 28% /

/dev/sda2 791G 150G 642G 19% /home

Use% Mounted O

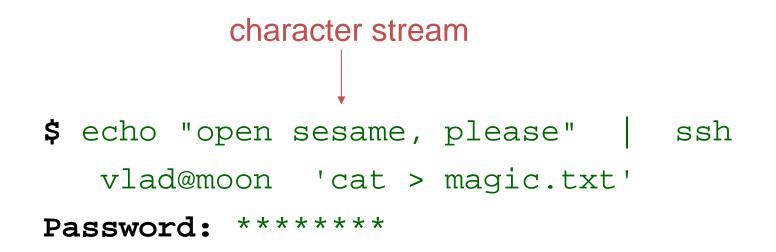
\$ ssh vlad@moon 'df -h' >> usage.log

Password: *******

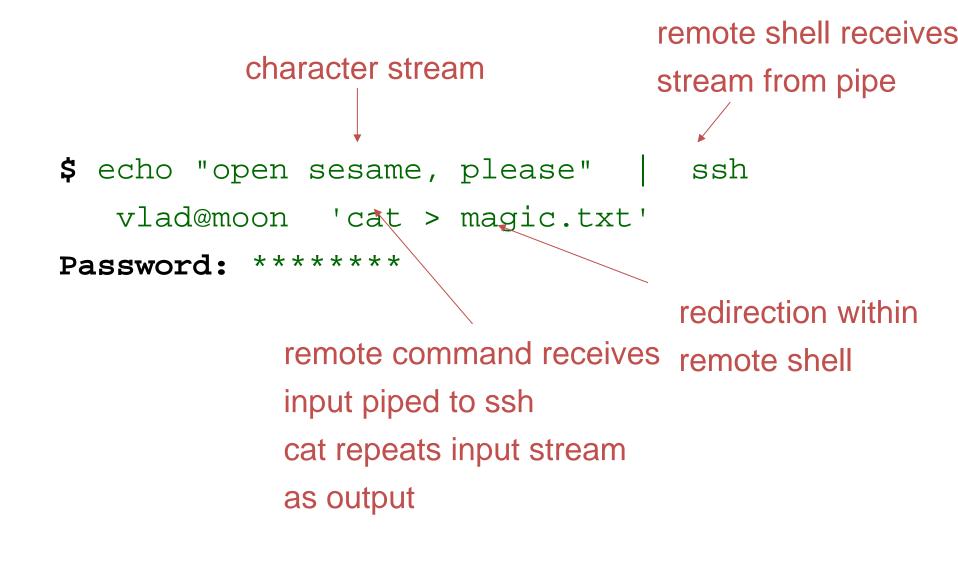
\$ ls -F

bin/ data/ mail/ music/ notes.txt papers/ pizza.dfg solar/ solar.pdf swc/ usage.log usage.txt same result









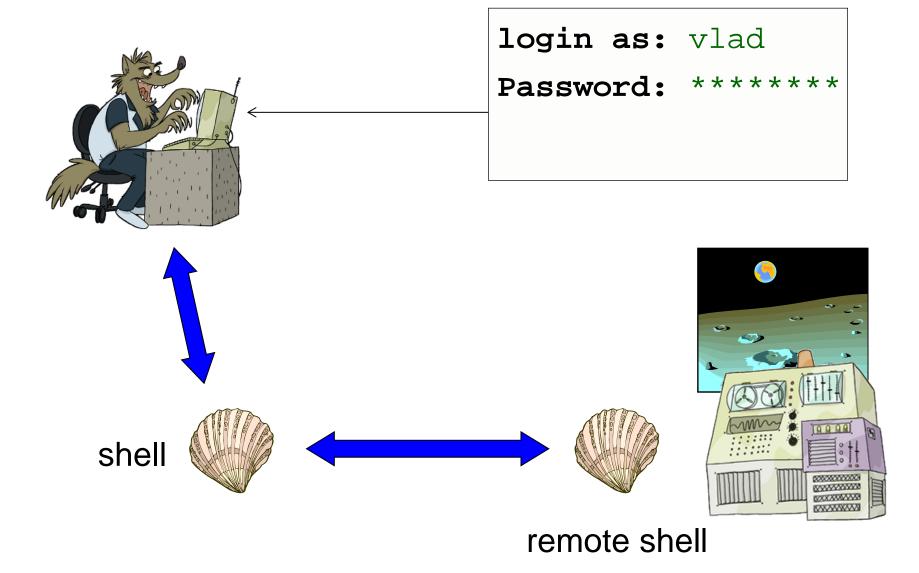




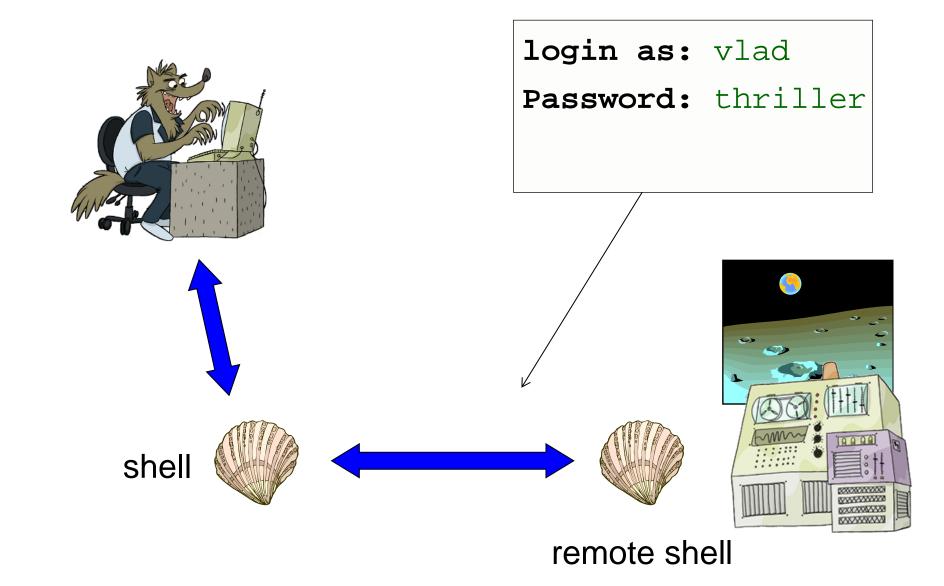


before \$ ssh vlad@moon 'ls -F /home/vlad' Password: ****** bin/ cheese.txt dark_side/ rocks_cfg **\$** echo "open sesame, please" | ssh vlad@moon 'cat > magic.txt' after Password: ****** \$ ssh vlad@moon 'ls -F /home/vlad' Password: ****** bin/ cheese.txt dark_side/ magic txt rocks.cfg \$ scp vlad@moon:/home/vlad/magic.txt . * * * * * * * * Password:

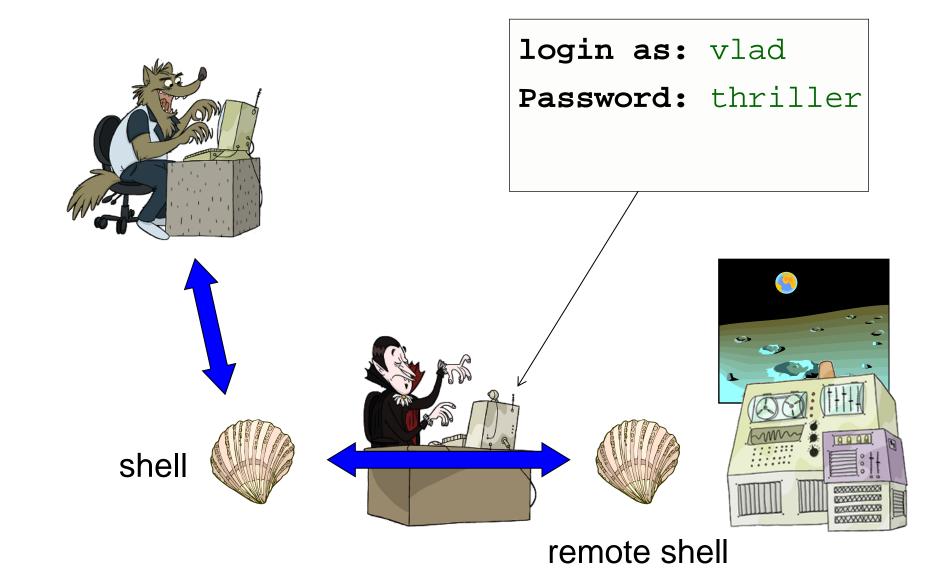






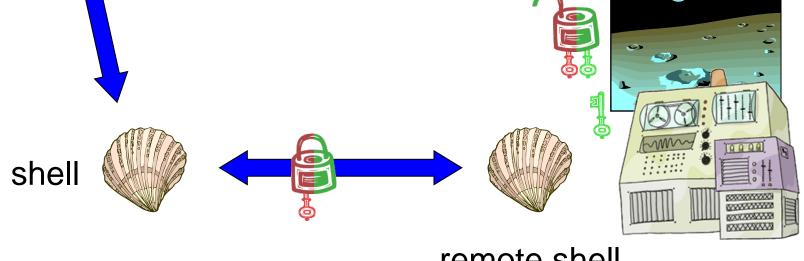












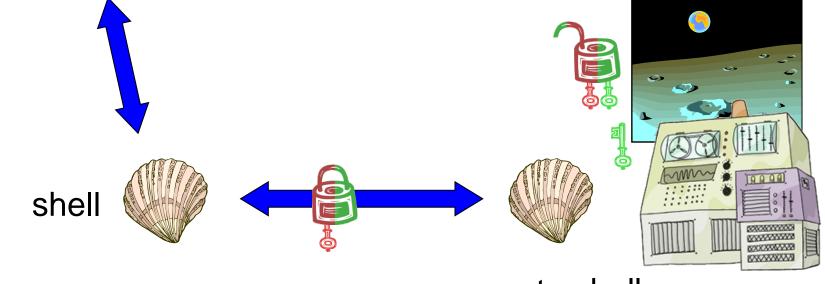
remote shell



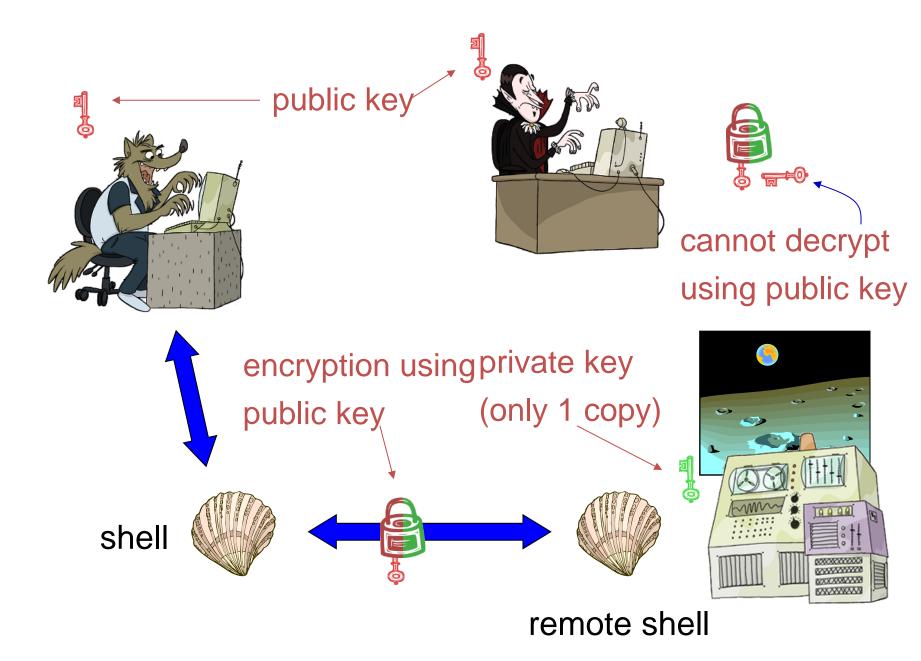


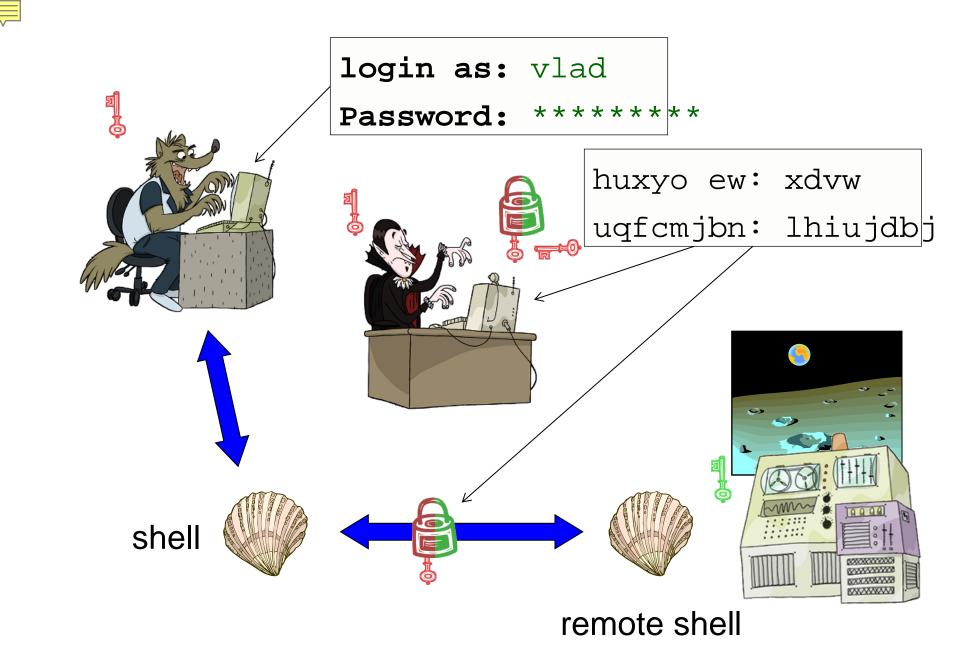






remote shell







\$ ssh vlad@moon

The authenticity of host 'moon (10.1.2.3)'

can't be established.

RSA key fingerprint is

f1:68:f5:90:47:dc:a8:e9:62:df:c9:21:f0:8b:c5:3

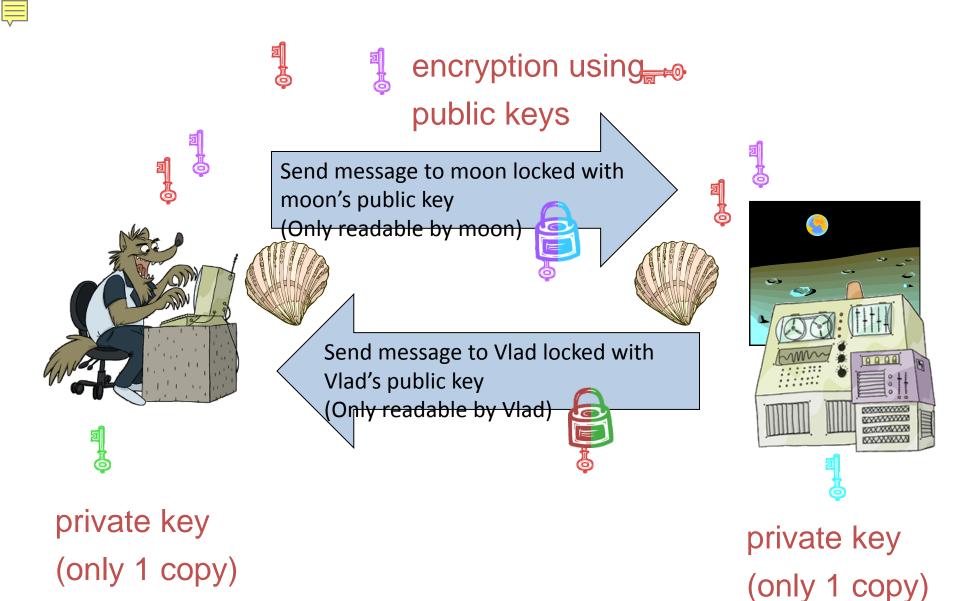
Are you sure you want to continue connecting (yes/no)? yes

Warning: Permanently added `moon,10.1.2.3' (RSA

to the list of known hosts.

Password: *******

moon>







created by

Elango Cheran

February 2011



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