

Answers to Even-numbered Exercises

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2. How can you use `ssh` to find out who is logged in on a remote system?

Assuming you have the same username on both systems, the following command may prompt you for your password on the remote system and will display the output of `who`:

```
$ ssh host who
```

4. How would you use `ssh` to run `xterm` on `bravo` and show the display on the local system?

Assuming you have the same username on both systems, the following command will run `xterm` on `bravo` and present the display on the local system. You will need to use the `-X` option if X11 forwarding is not enabled.

```
$ ssh bravo xterm
```

6. When you try to connect to another system using an OpenSSH client and you see a message warning you that the remote host identification has changed, what has happened? What should you do?

This message indicates that the fingerprint of the remote system is not the same as the local system remembers it. Check with the remote system's administrator to find out if something changed. If everything seems to be all right, remove the remote system's key from the file specified in the error message and try logging in on the remote system using `ssh`. You will see the "Message on initial connection to a server" (page 568) again as OpenSSH verifies that you are connecting to the correct system.

8. What single command could you give to log in as **root** on the remote system named **bravo**, if **bravo** has remote **root** logins disabled?

Assuming you have the same username on both systems, the following command will log in on **bravo** as **root**:

```
$ ssh -t bravo su -
```

When you run this command, you will have to supply two passwords (assuming you are running the command as a non**root** user and you have not set up an automatic login for **ssh**), yours and **root**'s. The **su** utility requires that its input come from standard input; the **-t** option allocates a pseudo-tty (terminal) to run **su**.