



Quiz 11: Secure Shell

Do not refer to any printed material.

No talking or discussion is allowed until the answer sheets are all collected.

Review:

1. *Secure Shell* is:

- (A) what Nick uses to connect to his desktop machine to show the lectures and laboratory work
- (B) not useful for remote administration
- (C) always requires you to use a special hardware password device to authenticate yourself, rather like a pocket calculator
- (D) is just another name for `bash`
- (E) is not useful for port forwarding, or carrying other network traffic, and does not use encryption

2. If you cannot connect to a remote computer using secure shell (SSH), you should:

- (A) Call the police
- (B) Check whether the secure shell server is running on the remote computer, because an SSH client needs a server to connect to
- (C) Shut down your own computer immediately and check for security violations
- (D) Check whether your computer has AIDS (Acquired Immune Deficiency Syndrome)
- (E) Use the Super Software Hickup remover to get your SSH working properly again.

3. The SSH agent is:

- (A) A Cyber James Bond
- (B) A program that holds the decrypted private key
- (C) A tool for attacking other computers
- (D) A cracking tool
- (E) used to kill people.

Preparation:

4. SSH uses keys. The host keys are used to:

- (A) authenticate the server and are used to begin the encryption
- (B) authenticate the user
- (C) block data transmission
- (D) prevent any files being transferred
- (E) terminate the agent

5. The *user* public and private keys are used to:

- (A) authenticate the server and are used to begin the encryption
- (B) authenticate the user
- (C) block data transmission
- (D) prevent any files being transferred
- (E) terminate the agent