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ANSWERS TO EVEN-NUMBERED EXERCISES

2. What steps are required for mapping a Windows user to a Linux user?

   Set the **username map** parameter in **smb.conf** to point to the map file, frequently **/etc/samba/smbusers**, add the user to **/etc/samba/smbusers**, and use smbpasswd with the **–a** option to create and assign a Samba password to the user.

4. What is the purpose of the **[homes]** share? Should this share be browseable? Why?

   The **[homes]** share implicitly shares the home directory of each user without having to define specific shares. It should not be browseable because being browseable exposes usernames (names of the directories in **[homes]**), making it easier for a malicious user to break into the system.

6. Which configuration changes would you need to apply to routers if you wanted to allow SMB/CIFS browsing across multiple subnets without configuring master browsers?

   Routers do not usually allow broadcast packets to propagate between subnets. Browsing, which uses broadcasts, is blocked by a router. Configuring the router to forward broadcast packets between subnets would allow browsing across subnets.