

## **Chapter 7 Case Study**

### **SCENARIO 7**

Although the new office for OneWorld Real Estate is being comprehensively cabled, there is still a requirement for a WLAN to be a part of the office networking solution. Supporting wireless will allow agents, clients and potential suppliers to utilize network connectivity without the necessity of a wired connection.

Wireless technology is in a state of rapid change, and you are insistent that any capability should incorporate best practices, in terms of speed and latest technology, as well as in terms of security. In addition, it is important that you consider ease of support for the future.

#### **TASKS 7.1**

You are required to present a plan for how a wireless network would be included as an integral part of the real estate office network. Your plan should indicate:

- Where you would provide one or more access points.
- How they might be integrated into the wired infrastructure?
- How they can be maintained – centrally or individually? Compare and contrast both methods.
- What precautions would you initiate to ensure security?
- How will client hardware and software affect security?
- Would you suggest allowing an insecure access for guests, and if so, how can this be managed for maximum client connectivity, while still providing maximum security to the office network?

#### **TASKS 7.2**

The agents and owners are likely to require some assistance with setting up their computers for wireless access. Develop a brief document that can be provided to staff that explains how to set up the wireless client on both a Microsoft Windows XP and Vista machine. You should ensure that the security you chose to implement in your wireless plan (above) is clearly identified and that it can be implemented with minimum problems by – generally – non-technical users.

