8.2.2 Security Solution Facts

All-in-one security appliances combine many security functions into a single device. These appliances are also known as *unified threat security devices* or *web security gateways.* These types of devices may be the best choice for:

- A small company without the budget to buy individual components.
- A small office without the physical space for individual components.
- A remote office without a technician to manage individual security components.

An all-in-one security appliance can include the following security functions:

- Spam filter
- URL filter
- Web content filter
- Malware inspection
- Intrusion detection system

All-in-one security appliances can also include the following:

- Network switch
- Router
- Firewall
- TX uplink (integrated CSU/DSU)
- Bandwidth shaping