

## STUDENT ACTIVITY 3.4: PROTOCOL SECURITY

MTA Course: 98-367 Security Fundamentals

Lesson name: Protocol Security 3.4

Topic: Understand Protocol Security

File name: SecurityFund\_SA\_3.4

### Lesson Objective

**3.4:** Understand protocol security. *This objective may include, but is not limited to:* protocol sniffing, tunneling, DNSSEC, network sniffing, common attack methods.

### Resources, software, and additional files needed for this lesson

- Internet access

### Directions to the student

Answer the following question.

### Content

#### Choosing Between Tunneling Protocols

What factors should be considered when choosing between PPTP, L2TP/IPsec, SSTP, and IKEv2 remote access VPN solutions?

- a. PPTP
- b. L2TP/IPsec
- c. SSTP
- d. IKEv2