Module 1 Test Questions

Wireshark Activity

# Questions

1. What does HTTP mean?
   1. High Tech Transfer Policy
   2. Hyper Text Transfer Protocol
   3. Home Test Transfer Protocol
   4. Hyper Transfer Tech Protocol
2. What does HTTPS mean?
   1. High Tech Text Processing System
   2. Hyper Text Transfer Privacy and Security
   3. Hyper Transfer Text Protocol System
   4. Hyper Text Transfer Protocol Secure
3. What protocol makes HTTP secure (turns it into HTTPS)?
   1. Transport Layer Security (TLS)
   2. File Transfer Protocol (FTP)
   3. Simple Mail Transfer Protocol (SMTP)
   4. Post Office Protocol version 3 (POP3)
4. What form of encryption is commonly used in HTTPS to secure communication between devices?
   1. Rivest–Shamir–Adleman (RSA) Encryption
   2. Data Encryption Standard (DES)
   3. Advanced Encryption Standard (AES)
   4. Secure Socket Layer (SSL)
5. Observe the following image. If you navigate to a website and see a similar notification in your browser search bar, should you enter any of your credentials or personal information?  
   
   1. Yes
   2. No
6. What does TCP stand for?
   1. Transmission Control Protocol
   2. Transport Connection Protocol
   3. Telecommunications Control Protocol
   4. Technical Communication Protocol
7. Reliable transmission of data is achieved by which protocol?
   1. TLS
   2. UDP
   3. HTTP
   4. TCP
8. When is it okay to navigate or be on sites that are not secure (using TLS/SSL)?
   1. When you want to order something online using credit card information.
   2. When you need to login to your Facebook account.
   3. When you’re browsing news articles.
   4. Never.
9. In the following image, what is the source IP address, the destination IP address, and the protocol used?  
   Graphical user interface, application

   Description automatically generated
   1. Sources: 192.168.1.106, Destination: 192.168.1.1, Protocol: TCP
   2. Sources: 192.168.1.1, Destination: 192.168.1.106, Protocol: HTTP
   3. Sources: 192.168.1.1, Destination: 192.168.1.106, Protocol: DNS
   4. Sources: 192.168.1.120, Destination: 192.168.1.106, Protocol: TLSv1.2

# Answers

1. B
2. D
3. A
4. C
5. B
6. A
7. D
8. C
9. C