L2TP doesn’t provide encryption or confidentiality within the protocol natively, so what protocol or algorithm should it be paired with to ensure security of the tunnel it creates?

SHA

PHP

IPSec

SSH

Answer: C

Explanation: L2TP is commonly paired with IPSec to establish a secure and confidential encrypted tunnel over the Internet or other unsecure communications channel. SSH is used for Secure Shell, SHA is used for hashing, and PHP is a web programming language. None of those three are used by L2TP.

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Your web server was recently compromised by an attacker who was able to force your web server to establish a secure tunnel using TLS v1.0 instead of v1.2. Which kind of attack was used against your web server?

XSS attack

Man-in-the-Middle

Downgrade attack

Birthday attack

Answer: C

Explanation: A downgrade attack occurs when a protocol is downgraded from a higher level of quality or higher version to an older and less secure version.

-=-=-=-

Which of the following protocols is not used to either create or encrypt a VPN tunnel?

L2TP

IPSec

PPTP

PPP

Answer: D

Explanation: The Point-to-Point Protocol (PPP) is not used to create or encrypt a VPN tunnel. PPP is used for dial-up connections.