**10. How does 802.1X enhance security over wireless networks?**

* 802.1X forces devices to authenticate before accessing the wireless network, preventing unauthorized devices from connecting.
* It uses a RADIUS server to verify credentials, ensuring only authorized devices are granted access.
* Once authenticated, it encrypts communication between the device and the network, securing data from interception.
* It blocks unauthorized devices from joining, reducing the risk of rogue devices and security breaches.
* By encrypting the data, it protects against eavesdropping, ensuring that sensitive information remains private and secure.