Cybersecurity Guided Notes

Lesson 2.8.3 - Quantum Cryptography and Ephemeral Keys

1. Why is the study of quantum communications useful in cybersecurity?

2. What is quantum computing based on and how does it differ from classical physics?

3. What is quantum cryptography and is the main draw to it?

4. What is post quantum cryptography and why do we fear it?

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5. What does ephemeral mean and how does it compare to a static key?

6. What does Diffie-Hellman key exchange allow for?

7. In what applications is the Diffie-Hellman key exchange used in?

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