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1st session assignment

Cybersecurity Awareness Best Practices:

List and explain at least five best practices for improving cybersecurity awareness.

These should include practices related to password management, email security, software updates, social engineering, and data privacy.

1- Password management:

- Password should be complex that contain letters (capital and small), numbers, special characters and good to use passphrase and avoid use what all you about you like general info in password like your name, name of person you love him, your bit name or your birthdate and don’t use one password for all things.

2- Email security: here we will talk about tow aspects first how to secure your email and second how to be aware about phishing emails

- To secure your email you will need to use strong password as we talk in password management and some applications protect you by implementing MFA(multi factor authentication) like make combinations between biometric login, password, OTP and etc...
- To be aware about phishing emails you will need to be focus and not trust any one and audit the email that maybe some try phishing you by change the domain letters to attract you to malicious web site like

  Facebook -> Fcebook and also checking for suspicious sender addresses, poor grammar, and unexpected attachments or links.

  And you can need to ask him about use MFA to authenticate him.

3- Software updates: its an important point that everyone should be aware about it, it maybe be a key for attacker to attack you. Why there exist an update there is two reasons first improve performance or add new features, second they detect vulnerability and make an batch or update to prevent it so the users must be aware about this point.

4- Social engineering:

- Training Sessions: Conduct regular training sessions to help users recognize social engineering tactics, such as pretexting and baiting, which attackers use to manipulate individuals into divulging confidential information.
  Click here to know more
- Verification Protocols: Establish protocols for verifying identities before sharing sensitive information, such as calling back a known number rather than responding to an email request.

5- Data privacy:

The users must be aware about the importance of the data that they must protect it and not make it available for all privacy of the data that mean I have the control who I will allow him to know about it and who I will not allow him to know so I must use encrypted data if I send it to someone because if the tunnel not secure man in the middle can steal the data and don’t share any important data on the internet
(internet doesn’t forget and doesn’t forgive)