

CHOSSING Secure Password AND BEST PRACTICES

→ Introductions: In the digital age, passwords serve as the first of defense against unwanted access to personal and professional data. A weak password leads to security they identity there and personal loss. Therefore understanding how to create and manage secure passwords is crucial.

Characteristics of a Secure Password

- ① Length and Complexity: A strong password should be at least 12-16 characters long and include a mix of uppercase and lowercase letters, numbers, and special characters.
- ② Unpredictability: Avoid using obvious choices like "password123", "Gdmein", or personal details such as birthdates and names.
- ③ Uniqueness: Each account should have a unique password to prevent a single breach from compromising multiple accounts.

Best Practices for Secure Passwords

Use paraphrasing instead of simple word, consider a random combination of words. Such as "Blue Dog & Rain 123".

Enable Multi-factor Authentication (MFA): MFA adds an extra layer of security by requiring a second verification step like a one-time code sent to your phone.

- ③ Avoid Dictionary words: Hackers use dictionary attacks to crack passwords. A random mix of characters reduces vulnerability.
- ④ Do not reuse passwords: Reusing passwords across multiple sites increases security risks.
- ⑤ Change Passwords periodically: Regularly updating passwords, especially for sensitive accounts, can help mitigate risks.
- ⑥ Use a password manager: A password manager can store complex passwords securely, reducing the burden of remembering multiple passwords.
- ⑦ B. cautions of Phishing attacks: Avoid clicking on suspicious links or entering passwords on unverified websites.
- ⑧ Logout from shared devices: When using public or shared computers, always log out to prevent unauthorized access.

Important of secure Passwords

A secure password is essential for protecting personal and financial data from cybercriminals. Weak passwords are easily guessed through brute-force attacks, making accounts vulnerable to hacking. Secure passwords help ensure privacy, safeguard sensitive information, and maintain online security.