

## Cybersecurity Basics Trivia: Questions, Answers, and Facts Printable Trivia Pack

Cybersecurity Basics trivia explores the essential concepts behind protecting devices, accounts, and data in an increasingly connected world. From passwords and phishing to malware and privacy, it offers a family-friendly way to learn how everyday security practices help reduce online risk.

### HARD CYBERSECURITY BASICS TRIVIA

1. Which encryption standard did NIST select in 2001 to serve as the Advanced Encryption Standard?

Answer: AES

2. What algorithm was publicly described in 1977 and remains one of the most recognized names in public-key cryptography?

Answer: RSA

3. In what year did Diffie and Hellman publish their landmark paper on public-key exchange?

Answer: 1976

4. How many bits long is the digest produced by SHA-1?

Answer: 160-bit hash value

5. What output size is associated with SHA-256?

Answer: 256-bit hash value

6. MD5 emits a digest of what length?

Answer: 128-bit hash value

7. TLS 1.3 was published in 2018 under which RFC number?

Answer: RFC 8446

8. If a browser is using HTTPS on its usual TCP destination, which port is it probably talking to?

Answer: 443

9. Which default TCP port is associated with SSH?

Answer: 22

10. Traditional DNS traffic is classically tied to which port number?

Answer: 53

11. What security principle says a user should receive only the access required to do the job and no more?

Answer: least privilege

12. The initials in the CIA triad expand to which three concepts?

Answer: confidentiality, integrity, and availability

13. What is the widely cited list of major web application security risks called?

Answer: OWASP Top 10

14. Which attack works by slipping malicious SQL into application input in order to target a database?

Answer: SQL injection

#### FUNNY CYBERSECURITY BASICS TRIVIA

1. If your password strategy is basically 'numbers, but make them consecutive,' which famously weak password are you using?

Answer: 123456

2. What exact word has spent years showing up on weak-password lists, as if irony were a security policy?

Answer: password

3. What is the practice called when you explain a bug step by step to an inanimate object like a tiny yellow therapist?

Answer: rubber duck debugging

4. A scam site grabs a domain that looks like a misspelled version of a real website. What is that called?

Answer: typosquatting

5. When a fake Wi-Fi hotspot dresses up like the real network and says 'trust me,' what term applies?

Answer: evil twin

6. Which attack borrows its name from predators waiting where victims regularly gather, except with fewer zebras and more browsers?

Answer: watering hole attack

7. What do you call it when someone steals information the old-fashioned way: by staring at your screen while you type?

Answer: shoulder surfing

8. Phishing via text message gets a name that sounds like a fish with a phone plan. What is it?

Answer: smishing

9. If the scam arrives by voice call instead of email or text, what is that phishing variant called?

Answer: vishing

10. What attack tricks you into clicking something different from what the screen appears to show?

Answer: clickjacking

11. What slang term is used for an unskilled attacker who leans on ready-made tools instead of deep expertise?

Answer: script kiddie

12. Which kind of malicious code waits patiently for a specific condition or time before going off like terrible software confetti?

Answer: logic bomb

13. When scary pop-ups try to panic you into installing or paying for unwanted software, what is that called?

Answer: scareware

#### FUN CYBERSECURITY BASICS TRIVIA

1. Which antivirus company founder turned his own surname into a famous security brand in 1987?

Answer: John McAfee

2. Who created PGP in 1991, giving encrypted email a huge boost in visibility?

Answer: Phil Zimmermann

3. In the name RSA, who is the 'R'?

Answer: Ron Rivest

4. Which cryptography pioneer helped push public-key cryptography into the world?

Answer: Whitfield Diffie

5. What is the title of Bruce Schneier's security book that first appeared in 1994?

Answer: Applied Cryptography

6. Which security company counts Eugene Kaspersky as a co-founder?

Answer: Kaspersky Lab

7. What does ENISA stand for in the EU cyber world?

Answer: European Union Agency for Cybersecurity

8. Which UK cybersecurity body officially launched in 2016?

Answer: National Cyber Security Centre

9. The CERT Coordination Center is based at which university in Pittsburgh, Pennsylvania?

Answer: Carnegie Mellon University

10. Which hacker conference first landed in Las Vegas in 1993 and kept the party going for decades?

Answer: DEF CON

11. What security conference made its debut in 1997?

Answer: Black Hat

12. Which ransomware outbreak went globe-trotting in 2017?

Answer: WannaCry

13. Name the 2017 cyberattack known for causing major disruption across organizations worldwide.?

Answer: NotPetya

#### CYBERSECURITY BASICS FAMILY TRIVIA

1. What browser symbol usually means a website is using HTTPS?

Answer: The padlock icon.

2. Which is generally riskier to use for private online activity: public Wiâ Fi at a caf^l or a trusted home network?

Answer: Public Wiâ Fi is generally riskier.

3. What tool can generate and store unique passwords for many accounts?

Answer: A password manager.

4. Which app is commonly used for one-time login codes?

Answer: Google Authenticator.

5. A sneaky square picture code can be used in phishing if it sends you to a fake website. What is that code called?

Answer: A QR code.

6. Kids are often told not to share passwords the same way they would not share what household item?

Answer: House keys.

7. What phone or tablet feature helps protect your device if it gets lost?

Answer: A screen lock.

8. What reduces risk by installing fixes without waiting for you to tap 'update' yourself?

Answer: Automatic updates.

9. Saving copies of family photos is helpful because it protects them from hardware failure and what kind of attack?

Answer: Ransomware.

10. For a secure home router, which should you use instead of older Wiâ Fi security like WEP?

Answer: WPA2 or WPA3.

11. True or false: WEP is widely considered insecure.?

Answer: True

12. Which Wiâ Fi security standard is newer than WPA2?

Answer: WPA3.

## EASY CYBERSECURITY BASICS TRIVIA

1. What secure web protocol is commonly shown at the start of a website address instead of HTTP?

Answer: HTTPS

2. What security tool filters network traffic using allow-or-block rules?

Answer: A firewall

3. A password that is long and hard to guess is usually called what?

Answer: A strong password

4. What security step asks for more than one proof of identity when you sign in?

Answer: Multifactor authentication

5. In networking, what do you call a device like a laptop or phone connected to a network?

Answer: An endpoint

6. Which tool is used to inspect network traffic by analyzing packets?

Answer: Wireshark

7. What is offline backup storage called when it is disconnected from the network?

Answer: Cold storage

8. What kind of Wi-Fi is usually kept separate from a business's internal network for visitors?

Answer: A guest Wi-Fi network

9. In security design, the public internet is commonly treated as what kind of network?

Answer: An untrusted network

10. Where are access controls and multifactor checks often enforced first when signing in?

Answer: At the login portal

11. What is the name for a scam that tricks people into revealing information or clicking harmful links?

Answer: Phishing

12. What do you call software designed to harm, spy on, or disrupt systems?

Answer: Malware

13. What kind of malware locks or encrypts files and then demands payment?

Answer: Ransomware

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