

The Big Data Show's Cyber Security Quiz with answers

(N.B. Pupil copy without answers available on our website [here.](#))

1) When was the first message sent from one computer to another?

Answer: 1969

Bonus question:

What was sent?

Answer: lo (the first two letters of "login")

2) When was snapchat invented?

Answer: 2011

3) Strong passwords: the best way to make a password is by:

- a) using the name of your pet and the year of your birth
- b) Using three random words together such as elbow-wasp-custard
- c) Using random words and keeping all your passwords in a book in your bag so you don't get locked out of your favourite app because you can't remember your new password.

Answer: B

GOLDEN RULE: Never use a password for more than one thing. If hackers steal your username and password from one service, they'll try to use them for your email or other services. Thwart them.

Bonus question:

Can you guess the American nuclear launch code password used in missile silos between 1962 and 1977?

Answer: 00000000 (eight zeros) (NB: The American Air Force officially denies this, but operators from the time confirm it.)

Bonus facts:

President Carter left his launch codes in the pocket a suit he sent to the cleaners, and President Clinton mislaid his codes for four months but didn't tell anyone.

4) True or false: You should always download software or app updates because they will contain upgrades to the security of the software.

Answer: True - but beware unexpected prompts that ask you to confirm a security update or warn you of a virus infection. Most updates happen automatically when you start up or shut down your computer or mobile device, or when you visit the app store. You should be careful when upgrading your apps that you check that your personal security settings are still as you set them. Sometimes an upgrade resets your security to a default.

5) You see an email that looks like it is from a friend or a company that you use, like Instagram or Apple. It is asking you to download a document. What do you do?

- a) Download it
- b) Delete it immediately
- c) Phone your friend or the company to see if they did send it

Answer: (B) Also beware unexpected instant messages with links in, they can also be dangerous spam.

GOLDEN RULE: If you didn't ask for it or aren't expecting it - don't click on it

6) You are going on holiday where you know there will be no access or v. little access to internet. You want to make sure you keep up the apps you are using, like snapchat. Do you:

- a) Give your passwords to your best friend who you totally trust so that they can make sure you don't lose any streaks.
- b) Send a final sad face message to everyone explaining that you have to go to the far side of the moon where there is no internet and that when you come back you hope that you will be welcomed back.
- c) Just don't use the internet for a bit. It's quite nice to have a break.

Answer (B) or (C). Everyone knows that going analogue is the new cool.

7) You are using free WiFi on a bus or in a café. List these internet use activities in order of risk. Most risky 1 least risky 3

- a) Email (2)
- b) Gaming (3)
- c) Shopping (1)

Answer: C, A, B

8) Someone you don't know wants to be friends via an app do you:

- a) See who your mutual friends are and ask them if they are genuinely friends
- b) Decline anyone you don't know
- c) Tell them where you live and invite them round to dinner.

Answer: It depends on what information being a friend will give that access to.

9) You're browsing a website you haven't visited before on your mobile when you get a pop-up message saying your phone is infected and you should download a scanner to fix it immediately. Do you:

- a) Follow instructions as quickly as you can
- b) Ignore it and carry on
- c) Build a large bonfire and burn your phone to ashes - it's the only way to be safe

Answer: (b) In general, the sketchier the website the more likely it is to be carrying fake adverts and pop-ups that try to trick you.

10) Imagine someone who knows nothing about internet security. What would you tell them?

Bonus question:

Imagine someone who knows nothing about the internet... What is the best thing/s? Shared conversation.