



Oxford Cambridge and RSA

**Monday 16 January 2023 – Morning**

**Level 3 Cambridge Technical in IT**

**05839/05840/05841/05842/05877** Unit 3: Cyber security

**INSERT**



**INSTRUCTIONS**

- Do **not** send this Insert for marking. Keep it in the centre or recycle it.

**INFORMATION**

- This Insert contains the pre-release material that you have already seen.
- This document has **4** pages.

## **The Triangle Harriers**

Mia is the Membership and Web Officer for The Triangle Harriers Running Club. The Triangle Harriers has approximately 400 members.

### **Membership**

Members complete an online form when joining the running club. The online form includes:

- name, address and preferred contact number
- credit card or bank account details
- email address
- health information
- previous running experience.

The information from the online form is stored on a USB drive plugged into the back of Mia's router. The email address is used to send out a weekly newsletter that is edited by Mia.

### **Web**

Mia has set up an old laptop to function as a webserver. The laptop is plugged directly into the router and is managed from an app on Mia's mobile phone.

The website for The Triangle Harriers is stored on the laptop.

As Web Officer, Mia is responsible for updating the contents of the website. The software on the laptop has not been updated for some time.

**Further Research**

To prepare for the exam, you should research the following themes:

- Cyber security incidents that Mia needs to be aware of and how they can be prevented.
- Different types of attacker and their motivations including why the attacker would choose to target Mia and The Triangle Harriers Running Club.
- The impact of a cyber security incident on Mia and members of The Triangle Harriers.
- Cyber security controls that Mia could use to reduce the likelihood and impact of a cyber security incident.



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**C387/2301**