



[Course](#) > [Modul...](#) > [Modul...](#) > [Modul...](#)

Module 5 quiz

Question 1

0.0/3.0 points (graded)

What *data* security concerns do IoT devices pose?

- ☒ The device being hijacked to harm another device or system ✖
- ☐ Because they are small and low powered, they can't carry much software including security software leaving them open to data theft or disruption ✔
- ☐ The devices being small and embedded into objects makes them easily vandalised or stolen

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You have used 1 of 1 attempt

i Answers are displayed within the problem

Question 2

3.0/3.0 points (graded)

How does the *aggregation* of data due to IoT create *privacy* issues?

- ☐ Systems struggle to deal with the large amount of data so data gets 'stuck outside security' waiting to be dealt with

- ☒ Multiple data sets, each having initially been stripped of identification, can be combined to reveal people's identity ✓
- ☐ More data going through security measures inevitably means more security breakdowns and data leakage
- ☐ IoT devices generally connect wirelessly creating additional harder to secure channels for data hijack

You have used 1 of 1 attempt

Question 3

3.0/3.0 points (graded)

Which of the following is NOT a security measure?

- ☐ Encryption
- ☐ Password
- ☐ Firewall
- ☒ Firmware ✓

You have used 1 of 1 attempt

Question 4

3.0/3.0 points (graded)

Which of the following aspects of the Internet of Things brings additional security issues?
Select all that apply.

- ☒ a massive volume of extra data pouring into the internet
- ☒ extra networking to connect these devices
- ☒ more machine to machine (M2M) interactions and autonomous decision-making
- ☒ extra devices being connected
- ☒ extra programming to direct the devices and networking



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You have used 1 of 1 attempt

Question 5

3.0/3.0 points (graded)

How does fog computing reduce security risks?

- ☒ It acts on IoT data closer to the source ✓
- ☐ It creates unclear connections that are difficult to intercept
- ☐ It reduces the need for remote management
- ☐ It scrambles electronic signals and encrypts all data

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