MAN-IN-THE-MIDDLE ATTACK



James, a local homeowner, enjoys the 'café culture' in his village and likes **to visit the busy local coffee shop regularly.**

It's Saturday morning and James **walks to his local coffee shop to use the free Wi-Fi** to complete a few tasks he couldn't quite get to during his busy week.

Coffee & work

James buys a coffee and sits down and **gets his laptop out.**

Mark the hacker has created a **fake Wi-Fi network** with a very legitimate sounding name...

Everyone loves FREE Wi-Fi

James logs on to the fake Wi-Fi network.

Mark can now see everything that James does online.

Man-in-the-middle

Mark can now monitor James's online activity as he's placed himself in the middle of the connection so is **able to intercept login details, bank card information and more.**

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James's identify and credentials have been stolen and he's lost money and will face certain distress and inconvenience.

Identity stolen

HOW TO MANAGE THE RISK

Use your mobile device's data instead of public Wi-Fi, purchase a bigger data plan if needed **– a mobile cellular signal is secure** as there is no wireless network in between you and the internet.

If you need to log onto public Wi-Fi, then consider purchasing a VPN. They are approximately £80 per annum.

(Virtual Private Network an arrangement whereby a secure, apparently private network is achieved using encryption over a public network, typically the internet.)

Top 5 VPNs
(according to techradar.com)

- ExpressVPN
- NordVPN
- IPVanish
- Hotspot Shield
- Surfshark.

ecclesiastical