

WHEN THE HACKERS ARE INSIDE THE BUILDING

RUNNING A NETWORK FOR, AND
LEARNING THE LESSONS FROM,
PENETRATION TESTERS



WHAT IS PENETRATION TESTING?

We all have a target on our back.

Some organisation's target is larger than others.



**YOUR THREAT MODEL IS NOT MY
THREAT MODEL**

IT WAS A CAREFULLY CALCULATED RISK.

Sometimes we aren't very good at maths

EVEN INDIVIDUALS BENEFIT FROM THREAT MODELLING

"Threat Modeling Your Personal Digital Footprint" - Daniëlle Wagemakers - WICCON '23 -
<https://youtu.be/Wqkxsj9KFp>

DETECTING MALWARE, WHEN YOU HAVE INTENTIONAL MALWARE IS HARD...

Microsoft 365 Defender
Microsoft 365 Defender has detected a security threat Thu
Review this incident. Microsoft 365 Defender has detected a security...

Microsoft 365 Defender
Microsoft 365 Defender has detected a security threat Mon
Review this incident. Microsoft 365 Defender has detected a security...

Microsoft 365 Defender
A new alert has been added to the Microsoft 365 Defe... Mon
Review this incident. Review the new alert that has been added to th...

Microsoft 365 Defender
Microsoft 365 Defender has detected a security threat Mon
Review this incident. Microsoft 365 Defender has detected a security...

Microsoft 365 Defender
A new alert has been added to the Microsoft 365 Defe... Mon
Review this incident. Review the new alert that has been added to th...

You have to consider every layer of the Network.

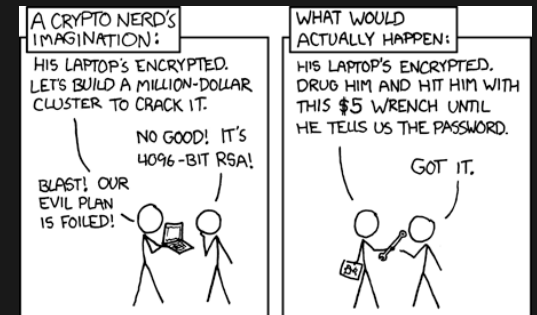
OSI Layer
10: Government
9: Organization
8: Individual
7: Application
6: Presentation
5: Session
4: Transport
3: Network
2: Data-Link
1: Physical

Credit: "Gvseostud" via wikipedia CC-BY-SA

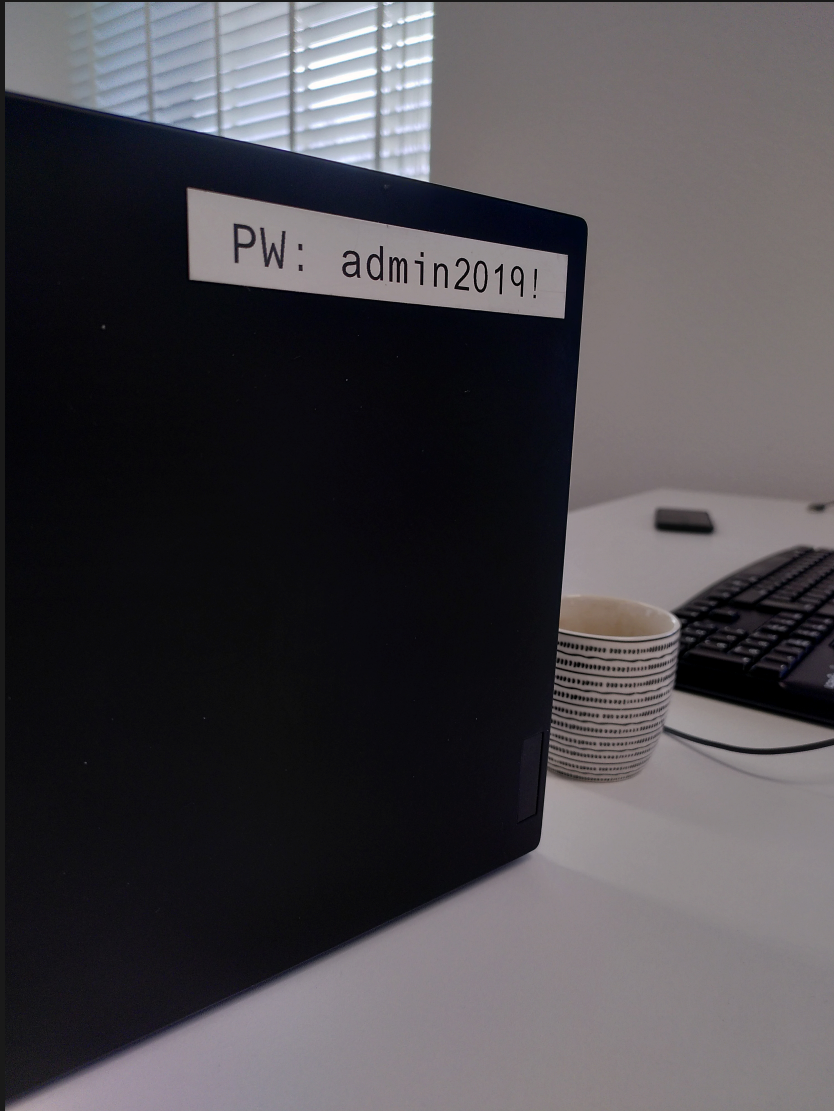
Most of your biggest problems are in layer 8

Who scanned the QR code?

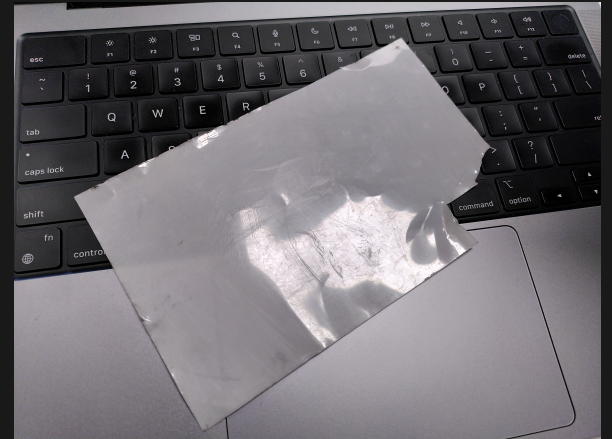
THE EASIEST WAY TO GET ACCESS
TO A SYSTEM, IS TO ASK.



Credit: XKCD



A €200 lock, defeated by a €0.50
piece of plastic



DO YOU KNOW WHAT YOU HAVE INSTALLED, AND WHERE?



12:50 PM

how can I make a directory in linux, with out touch or mkdir?

**ASSUME IT'S A QUESTION OF
WHEN, NOT IF.**

Plan accordingly

"Hard not to be paranoid when you remember all the times your paranoia was justified."

- Murderbot Diaries #4.5 - Martha Wells

ANY QUESTIONS?