

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" - Daniël 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...

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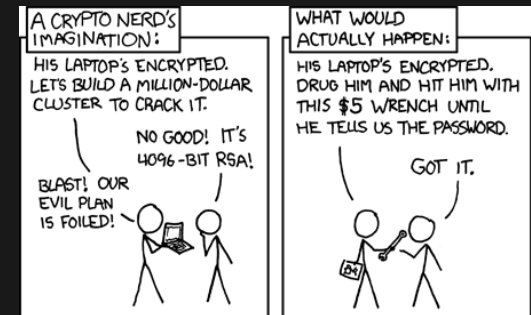
**YOU HAVE TO CONSIDER
EVERY LAYER OF THE
NETWORK.**

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

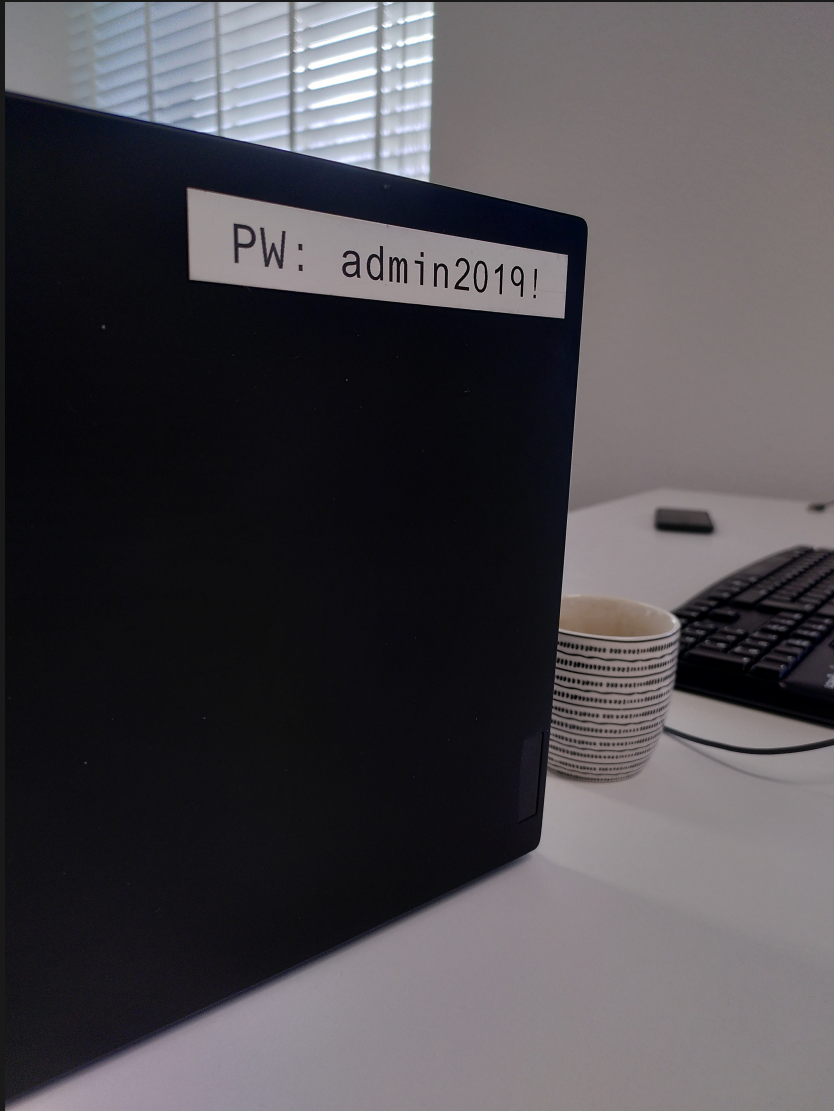
Credit: "Gvseostud" via wikipedia CC-BY-SA

Most of your biggest problems are
in layer 8

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



Credit: XKCD



PW: admin2019!



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?