



Securing a Company

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Who am I?

Big nerd. Hack stuff.

- Rock climbing
- Play video games

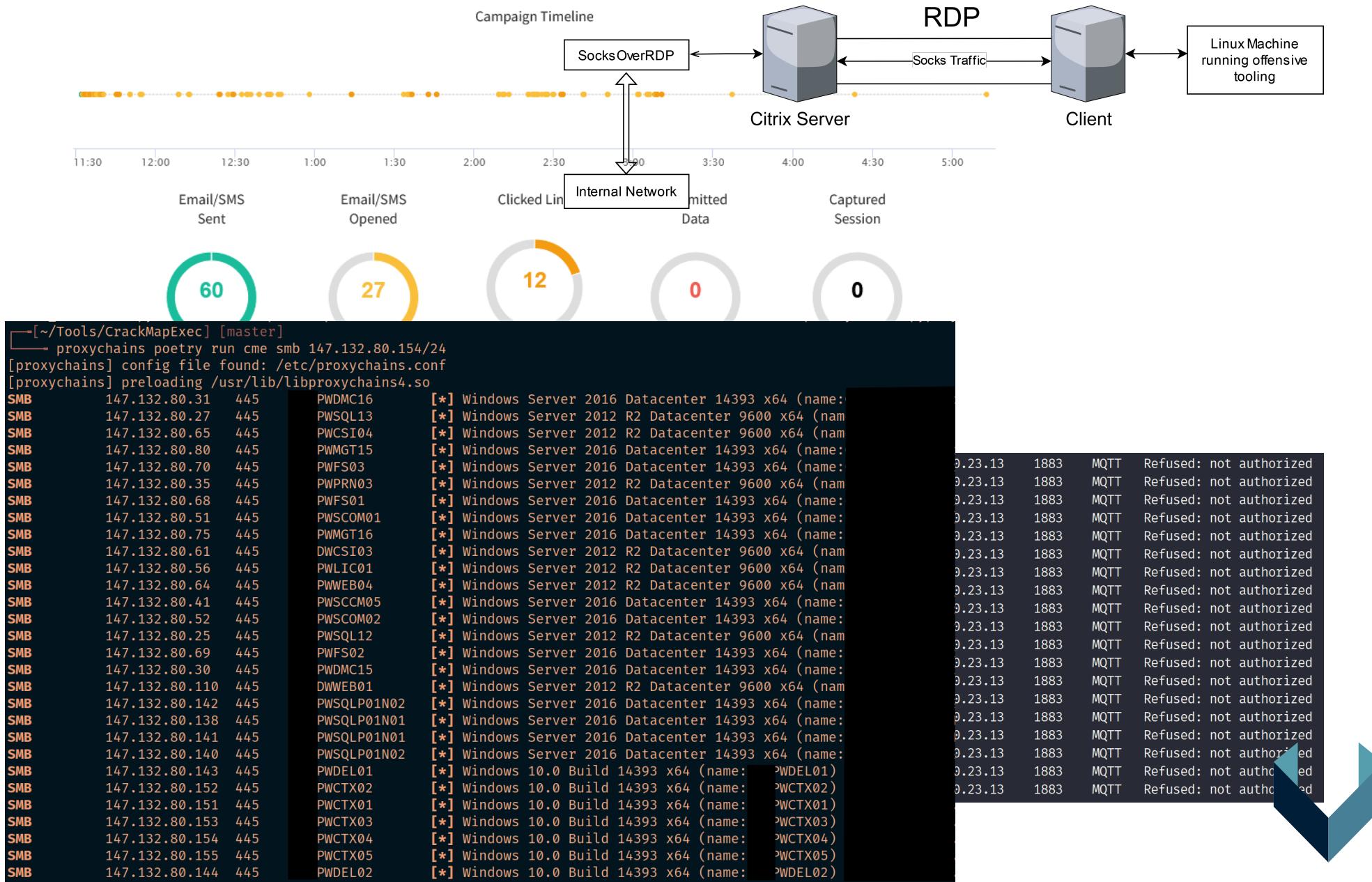
But what do I do?



Companies pay me to **hack** them



Sometimes that looks like this



Sometimes that looks like this



The truth

The sad truth is that most companies are wildly unprepared to face a motivated attacker.



Holistic Security

Security has many parts:

- What services are on the internet?
- What private information is on the internet?
- Is our password **password123**?



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Holistic Security

Security has many parts:

- What services are on the internet?
- What private information is on the internet?
- Is our password **password123**?
- Physical security of a building?
- How good is the security of the companies we trust?



Assumptions

Most people *assume* that the stuff they use is secure.

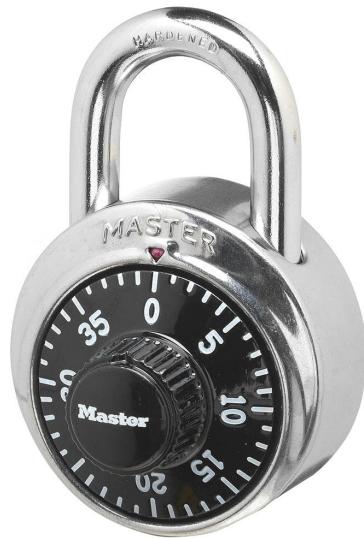


Figure 1: Standard Master Combo-Lock

Let's see [how secure they are](#).



Let's even have a real world demo

:eyes:



The Challenge

I want you to form groups and try and come up with the simplest rules, principals or designs for a company that could make it 100% secure.

In 10 minutes, I am going to ask you to present two of your favourite ideas.

We are then going to take a brief look at if these ideas would stand up to a professional hacker.

