Those who can't do

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What this is not

- How I break into Banks

- Social Engineering Tales

- "A red team tool I made at work"
  - Well, not quite

WHOAMI

- Dev of 2 years

- Breaker of things

- Watcher of talks
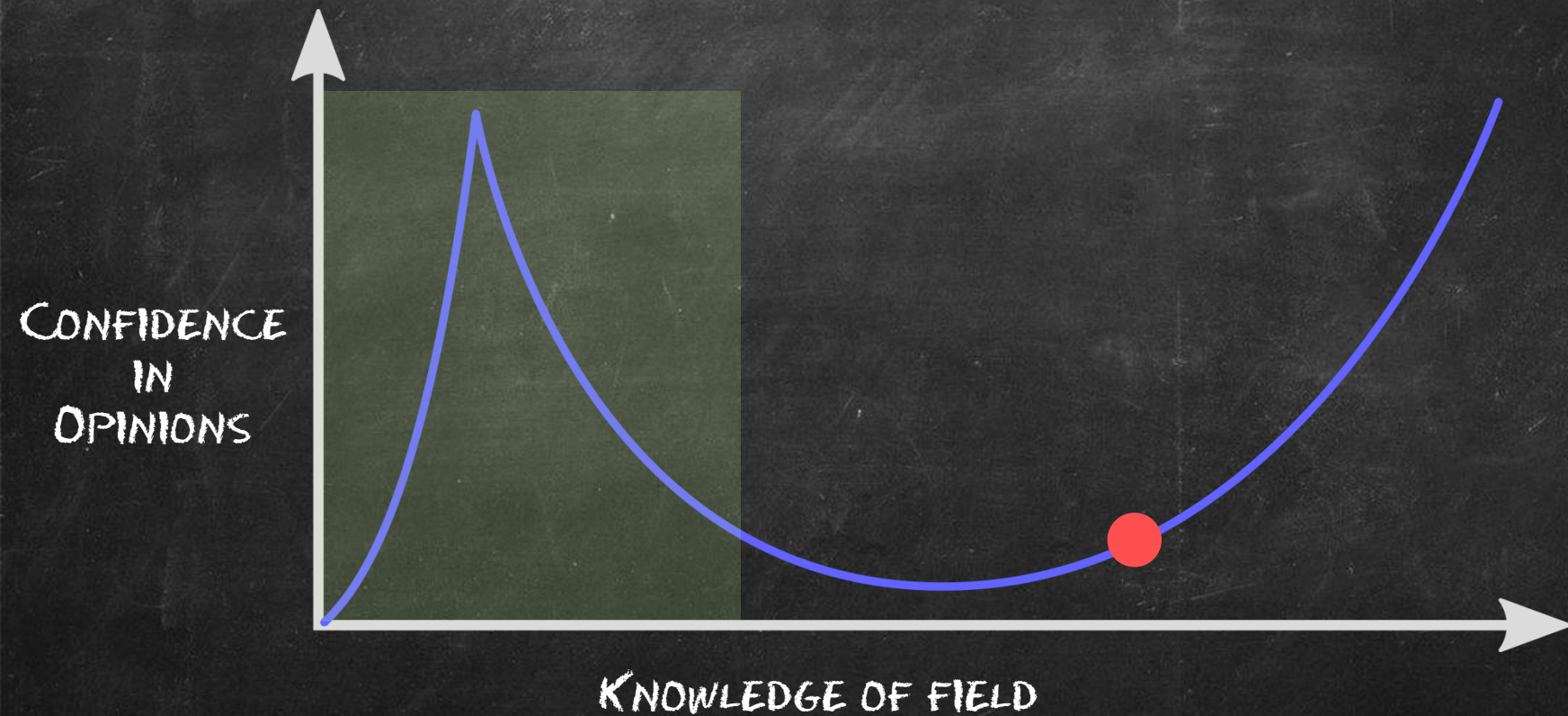
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Y THO

Security Is About awareness

- What you don't know Is your worst enemy

- Seeing Is believing

- Stop bad ideas becoming bad decisions

But also

- Breaking stuff is fun
  - And intellectually stimulating
- The hacker community has the best stories.
- If more people know this then:
  - I don't have to deal with it all the time
  - I have more people to chat to

And

Teaching things helps you learn

Aims

- Establish regular forums for discussions of security topics at work

- Get more people thinking about security

- ~~Find other people like me without having to introduce myself to the company~~

Target

- People who are interested in how things get attacked
- Shouldn't have to be technically too minded
  - My talks tend to be technical because I'm a technical person

The first "course" syllabus

- Roughly based on the topics to get an OSCP
  - Network basics
  - Binary exploitation

- Mostly technical and lowlevel

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E314c Added Recon presentations and Avtice scanning ...   Latest commit bd69ba5 5 days ago

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📄 1 - PWK,OSCP,WTF.pdf	Updates to first 3 presentations	a month ago
📄 2 - Setting up a PenTesting Environment.pdf	Updates to first 3 presentations	a month ago
📄 3 - A few Linux basics.pdf	Updates to first 3 presentations	a month ago
📄 4 - Networking is important in the tech industr...	2 new security presentations	a month ago
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📄 8 - Active and Vulnerability Scanning.pdf	Added Recon presentations and Avtice scanning	5 days ago
📄 README.md	Added Recon presentations and Avtice scanning	5 days ago

📖 **README.md**   ✏️

CURRENTLY UPLOADED

LAB SETUP

"There's already stuff out there!"

- Immersivelabs.co.uk
  - Not free
- Sliim's Pentesting environments
  - Kali vagrant boxes
  - Vulnerable boxes (metasploitable, etc)

A simple, Repeatable environment

- 3 box virtual machines networked together:
  - Kali
  - Metasploitable
  - Ubuntu Xenial
- Extra configuration done with ansible

- Just "Vagrant up" on your machine and it's all done for you
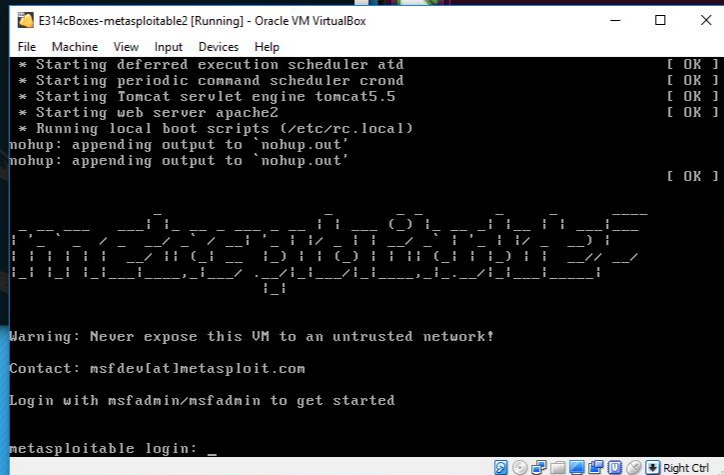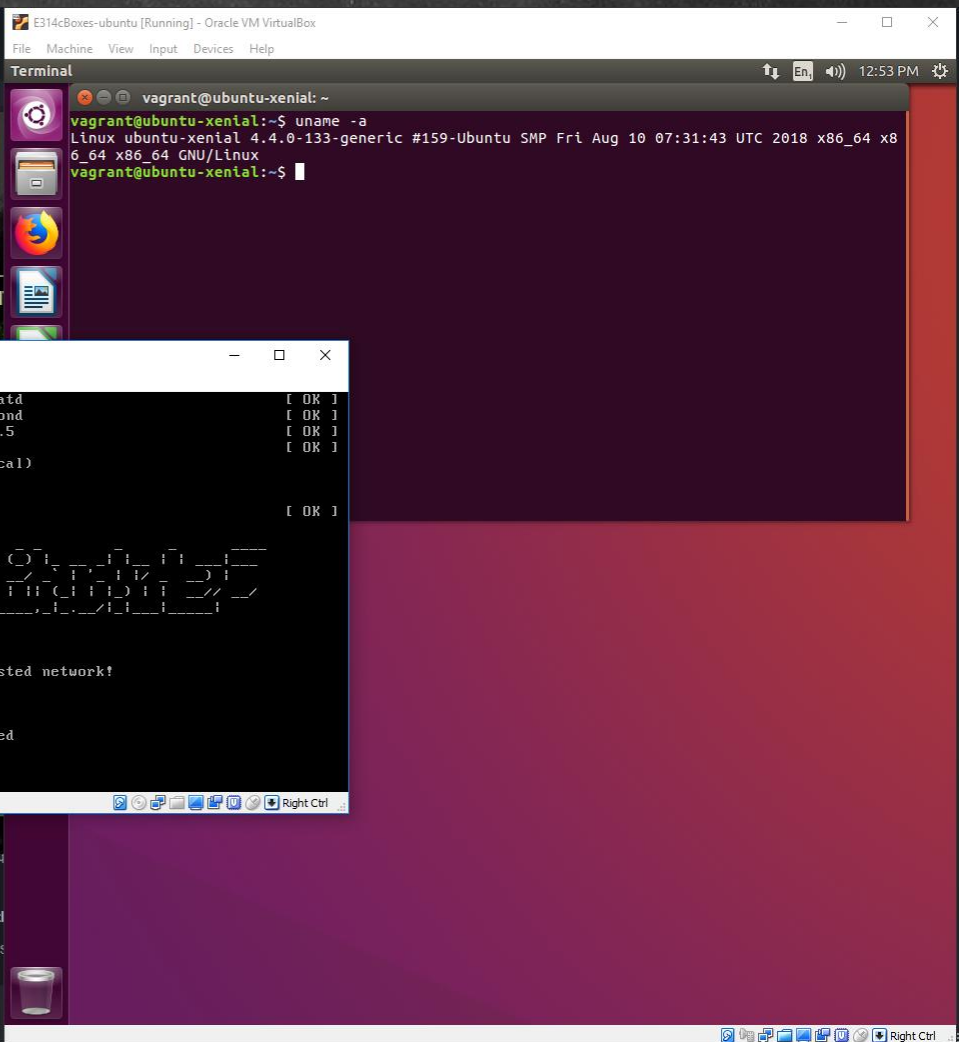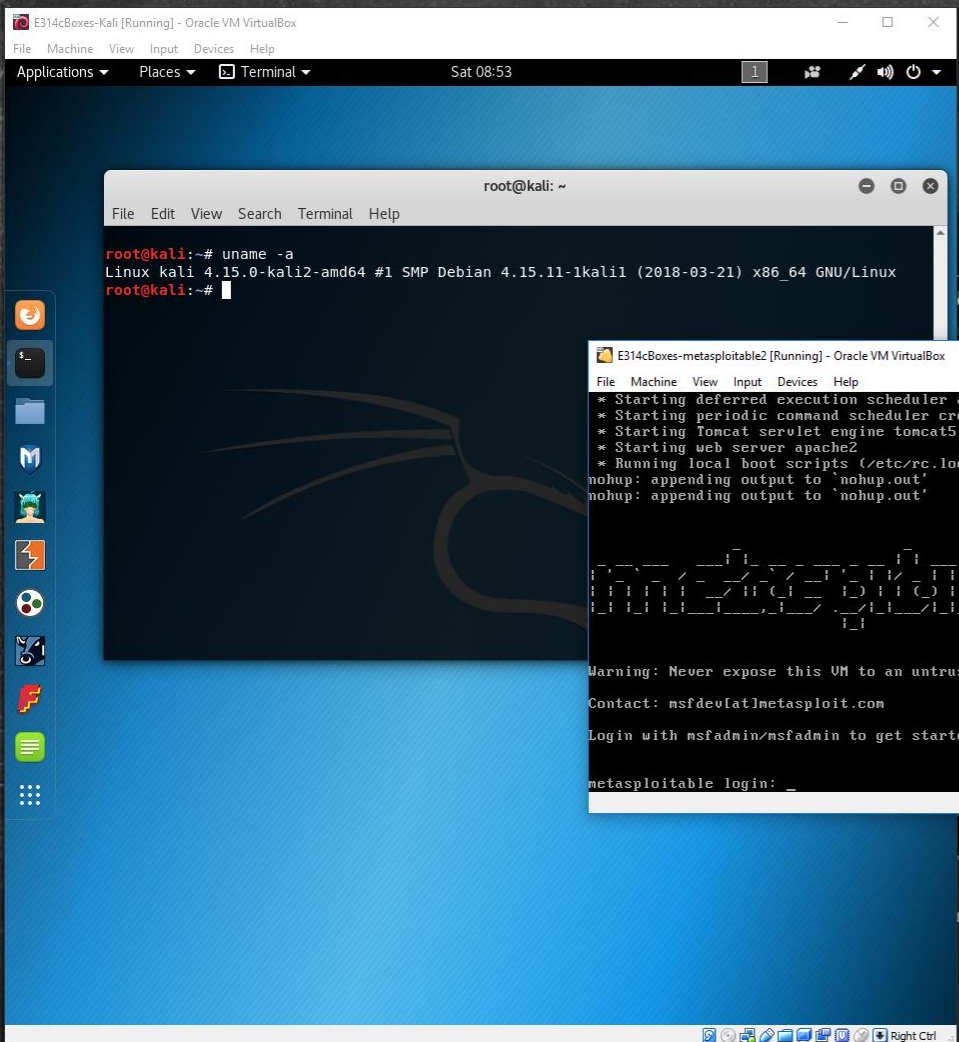
OPEN SOURCE

- Environmentally Friendly
- (Not) on the blockchain

E3L4C.GITHUB.IO

Presentations

- HTTPS://GITHUB.COM/E3L4C/E3L4C.GITHUB.IO/TREE/MASTER/PRESENTATIONS
- All presentations available as PDFs
- May move to a separate repo

Security Boxes

- HTTPS://GITHUB.COM/E3L4C/E3L4CSECURITYBOXES
- A simple repo to clone and run.

Can I use it?

- Where ever and whenever

- Ideally acknowledge my contribution
  - But you can change everything to fit your corporate style for internal presentations

- Ultimately I care more about it being useful than people knowing I made it

IN THE LONG DISTANT FUTURE

I would like to have

- Some non-technical talks
  - Perhaps start a new stream of talks?
- More zero-effort demos
  - Running a pre-prepared script is better than trying to remember all the flags live.
- Web App exploitation

GET INVOLVED

Courses or One offs

- Think of something that needs to be covered?
  - Add presentations that everyone can use

More demos

- Can you add more demonstrations / projects people could work through?

- Got other boxes that could be added to the environment?

Present

- Present these talks to people that need them
- Show them the demo environments

WHAT QUESTIONS DO YOU HAVE?

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