Welcome to

11. System Security in Practice

KEA Kompetence Computer Systems Security 2019

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Slides are available as PDF, kramse@Github

12-systems-security-in-practice.tex in the repo security-courses

Plan for today

Subjects

- Network security
- Infrastructure security
- Implement a small scale enterprise network

Exercises

- Work on our model network, each team has a router and an attacker - prevent most of the attacks on the Metasploitable server by firewall configuration
- Investigate Debian as a server - default settings for Web, we will install a system which requires database and web server configured
- Configure SSH keys

Reading Summary

Bishop chapter 27

Incident Handler's Handbook

Network security

Infrastructure security

Implement a small scale enterprise network

Exercises

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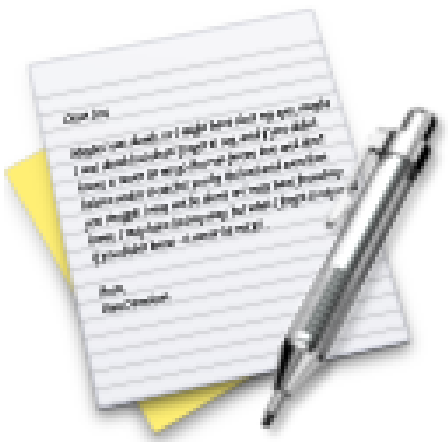
Investigate Debian as a server - default settings for Web, we will install a system which requires database and web server configured

Configure SSH keys

Exercise

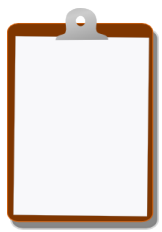


Now lets do the exercise

??

which is number **??** in the exercise PDF.

For Next Time



Think about the subjects from this time, write down questions

Check the plan for chapters to read in the books
Most days have less than 100 pages, but some days may have more!

Visit web sites and download papers if needed

Retry the exercises to get more confident using the tools