Welcome to

3. Security Policies / Confidentiality Policies

KEA Kompetence Computer Systems Security 2019

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Slides are available as PDF, kramse@Github

3-security-policies.tex in the repo security-courses

Plan for today

Subjects

- Security policy
- Discretionary Access Control (DAC)
- Mandatory Access Control (MAC)
- Example Acceptable Use Policies
- Example Academic Computer Security Policy from the book
- Confidentiality Policies Bell-LaPadula Model

Exercises

- A look at SE Linux
- Find your AUP for the ISPs we use, you use, your company uses

Reading Summary

Bishop chapter 4: Security Policies

Bishop chapter 5: Confidentiality Policies

Appendix G: Example Academic Security Policy

Browse: Campus Network Security: High Level Overview , Network Startup Resource Center Campus Operations Best Current Practice, Network Startup Resource Center Mutually Agreed Norms for Routing Security (MANRS)

Discretionary Access Control (DAC)

Mandatory Access Control (MAC)

Exercise

Now lets do the exercise

SELinux Introduction

which is number **6** in the exercise PDF.

Example Acceptable Use Policies

Exercise

Now lets do the exercise

Example AUPs

which is number **7** in the exercise PDF.
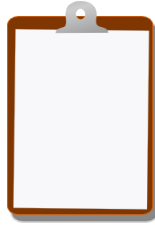
Real world policies

Campus Network Security: High Level Overview , Network Startup Resource Center Campus Operations Best Current Practice, Network Startup Resource Center

MANRS

Mutually Agreed Norms for Routing Security (MANRS)

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