Welcome to

12. Security Design

KEA Kompetence OB2 Software Security 2019

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Slides are available as PDF, kramse@Github

12-security-design.tex in the repo security-courses

Plan for today

Subjects

- How to reach the goal of secure design
- Security Principles for software
- Principle of least privilege, fail-safe defaults, separation of privilege etc.
- Files, objects, users, groups and roles
- Security by Design
- Privacy by Design
- Benchmarking standards
- CIS controls Center for Internet Security

Exercises

- How should software be designed today

Goals:

How to reach the goal of secure design

Principle of least privilege, fail-safe defaults, separation of privilege etc.

Files, objects, users, groups and roles

Benchmarking standards

CIS controls Center for Internet Security
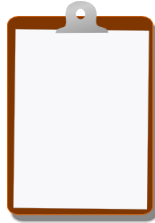
Exercise

Now lets do the exercise

How should software be designed today

which is number **19** 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

Buy the books!