Reverse Engineering — WS 15

Seminar

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July 10, 2015
Block Seminar

When?  No regular meetings during the semester

But: Regular e-mails to ensure progress

Where?
Block Seminar

When?  No regular meetings during the semester
       But: Regular e-mails

Where?  Seminartagungsstätte Frauenchiemsee
Registration

- Registration using the **matching system**
- **No** letter of motivation
- Solve a **reverse engineering challenge** instead (details soon on the course website). Submit your solution via E-Mail no later than **18 July, 23:59**.
- **PGP-Fingerprint:**
  
  F949 CFBD 140A 6DD0 71E9 0B8C DC24 396B 6D45 1038
- **8 slots**
Process

- Phase I: Find a topic
- Phase II: Find literature
- Phase III: Do your experiments / programming work
- Phase IV: Writing phase I
- Phase V: Peer review
- Phase VI: Writing phase II
- Phase VII: Excursion and final talks

Exact schedule will be published once list of participants is known. Excursion is supposed to happen around end of January 2016 / beginning of February 2016.
Contents

- Malcode analysis ((de-)obfuscation/(un-)packing of binaries, ...
- Static analysis techniques (disassemblers, decompilers, symbolic execution, ...
- Dynamic analysis techniques ((anti-)debugging, symbolic execution, instrumentation, ...
- Recognizing cryptographic primitives
- ... your suggestion here