

Memory analysis workshop

Joakim Kävrestad University of Skövde joakim.kavrestad@his.se

Agenda



- Intro to theory
 - Incident handling
 - Data in memory
 - Malware structures
 - Memory analysis with Volatility
- Lab-time
 - Set up the environment
 - Quick start
 - Do it yourself
- Reflection



Workshop compendium

- Section 1: Theoretical concepts
 - Doodling pages
 - Reflection pages
 - We use a method called 1-2-4-all for reflections
- Section 2: Hands-on lab (Only digital)
 - Install guide
 - Get started
 - Mini-challange
- Section 3: Summary of central concepts (only digital)
 - Selected topics of Cyber Security Body of Knowledge version 1.1 (CyBok) knowledge areas "Forensics", "Security Operations & Incident Management", and "Malware and Attack Technologies"
- Section 4: Reflect and feedback

Thank you for listening!

Get in touch:

Connect on Linkedin:
Joakim Kävrsetad
Follow our research group on LinkedIn:
https://www.linkedin.com/company/pics-skovde/