Data Recovery of SSDs

Session 201-A at FMS 2015
Wed., Aug 8, 2015, 8:30am – 9:35am
Santa Clara Convention Center
Data Recovery of SSDs

Data Management track

• Chairperson:
  • N.Krishna Chander (Chander Consulting)

• Organizers of this Data Recovery session:
  • Chris Bross (DriveSavers) &
  • Ted Persing (Kroll OnTrack)
Data Recovery of SSDs - Agenda

- Introduction
- Data Recovery Presentations
- Panelists and Q & A period
Speakers and Panelists

- All Flash Array Data Protection Schemes
  - Sean Barry, EMC
- Data Recovery Tool Dev. for SSDs
  - Chris Bross, DriveSavers
- Erasure Verification of SSDs
  - Ted Persing, Kroll Ontrack
- Overcoming the Unique Challenges of Digital Forensics
  - Jeff Hedlesky, Guidance Software

- Panelists
  - Jonathan Brew, Blancco
  - Scott Holewinski, Gillware
The Speakers:

• Sean Barry on Protection Schemes in AFAs
  • Covers the evolution of Nand and AFA systems
  • How to protect ScaleUp and ScaleOut AFAs

• Chris Bross on Data Recovery Tool Dev
  • Evaluation tools via Mfr’s RMA/FA/Dev
  • Firmware tools, Imaging tools, forensic, RO tools
• Ted Persing on Erasure Verification
  • Why thorough verification is important?
    • Think Target, JP Morgan, Sony, etc.
  • Using standard interfaces, like SAS, as well as using the nand chip
• Jeff Hedlesky on Forensic Challenges
  • Forensics By Investigation
Session Overview – page 3

• Use of common tools
• New ATA commands (suspend, delay GC)

The Panelists:

• Jonathan Brew of Blannco on SSD Sanitization
  • Perform risk analysis: data sensitivity, threats
  • Final destination of drives and secure data erasure
• Scott Holewinski of Gillware:
  • Hosting a new SNIA SIG on DR
    • To drive close loop interaction between DR vendors and Mfrs
    • Cooperation/protection among all parties
An Appeal to the Audience

- Thank you for your sustained interest in DR as both the technology and DR processes evolve.
- It’s our fifth year in a DR session!
- Please save your questions to the Q & A period
- Please switch your cell phones to silent/vibration mode