Data Recovery of SSDs

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

Audio-Visual Sponsor

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

- 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