Digital Forensics Techniques
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Professional Techniques – T23

Session Abstract

This session aims to provide a broader understanding on how to incorporate various digital forensics tools and methods in forensic matters. The topic covers the following items:

• Preserving integrity of data while maintaining Chain of Custody
• Techniques that can be used to examine the data collected
• Analysis of the data using well documented procedures
• Reporting the results of analysis

The session will also cover some of the standard forensic analysis techniques such as hashing and file signatures analysis, recovering of deleted files, web browsing activity, registry analysis, timestamp, metadata and keyword searching.

Target Audience

Skill Level – Beginner, Intermediate, and Advanced
Occupation – Forensic, Security, Incident Response.
Occupational Experience – Entry to Senior level Forensic Consultants, Managers, and Directors in all industry verticals

COBIT Objectives or Processes

Provides general Governance model and procedures to incorporate various digital forensics tools and analysis techniques that potentially apply to numerous COBIT control objectives but most directly:

• DS5 Ensure systems security
• ME3 Ensure regulatory compliance
• ME4 Provide IT governance

Speaker Bio

Namrata Choudhury is currently a Senior Principal Information Security Analyst at Symantec and has 8+ years of experience in the areas of Digital Evidence Recovery, Incident Response and Evidence &

Discovery Management. She has expertise in researching and analyzing evidentiary artifacts for forensics analysis. Namrata holds a Master of Science in Information Technology and is also an Encase (EnCE) certified professional.

Speaker Details (optional):

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