

E-Forensics 2010 Accepted Papers

Number	Paper Title
01	RICB: Integer Overflow Vulnerability Dynamic Analysis via Buffer Overflow Yong Wang, Dawu Gu, Jianping Xu, Mi Wen and Liwen Deng
02	Investigating the Implications of Virtualization for Digital Forensics Zheng Song, Bo Jin, Yinghong Zhu and Yongqing Sun
03	Analysis of Telephone Call Detail Records Based on Fuzzy Decision Tree Liping Ding, Yongji Wang and Jingzheng Wu
04	A Fuzzy-Based Trust Model For P2P Systems Zhixin Sun, Yadang Chen, Yichen Jin
05	Using Relationship-Building in Event Profiling for Digital Forensic Investigations Lynn M Batten, Lei Pan
06	Research on the Helper of EnCase for Digital Evidences in Uyghur-Kazak-Kyrgyz Yasen Aizezi, Liping Ding, Dilixiati Maimaiti, Qiong Wan
07	A Special ID-based Proxy Signature Scheme from Bilinear Pairings Shucui Xie, and Ronghong Xue
08	Acquisition of Network Connection Status Information from Physical Memory on Windows Vista Operating System Lijuan Xu , Lianhai Wang, Lei Zhang, Zhigang Kong
09	Fast In-Place File Carving For Digital Forensics Xinyan Zha and Sartaj Sahni
10	Network Connections Information Extraction of 64-bit Windows 7 Memory Images Wang Lianhai, Xu Lijuan, and Zhang Shuhui
11	A Stream Pattern Matching Method for Traffic Analysis Can Mo, Hui Li, Yanping Wang
12	A Modified Hausdorff Distance based Algorithm for 2-Dimensional Spatial Trajectory Matching Fei Shao, Songmei Cai, and Junzhong GU
13	Attacks on BitTorrent -- An Experimental Study Marti Ksionsk, Ping Ji, and Weifeng Chen
14	Data Recovery Based on Intelligent Pattern Matching YI JunKai,Tang Shuo
15	On the Feasibility of Carrying out Live Real-Time Forensics for Modern Intelligent Vehicles Saif Al-Kuwari and Stephen D. Wolthusen
16	Behavior Clustering for Anomaly Detection Xudong Zhu, Hui Li, and Zhijing Liu
17	Disguisable Symmetric Encryption Schemes for an Anti-forensics Purpose Ning Ding, Dawu Gu, Zhiqiang Liu
18	Digital Forensic Analysis on Runtime Instruction Flow

	Juanru Li, Dawu Gu, Chaoguo Deng, and Yuhao Luo
19	Digital Signatures for e-Government – a Long-Term Security Architecture Przemyslaw Bla’skiwicz, Przemyslaw Kubiak, and Mirosław Kutylowski
20	A Novel Inequality-based Fragment File Carving Technique Hwei-Ming Ying and Vrizzlynn L. L. Thing
21	Indicator association rules for detecting pirate MP3 files and an ethical analysis of a post-payment system Heikki Kokkinen, Markus Miettinen
22	A novel forensics analysis method for evidence extraction from unallocated space Zhenxing Lei, Theodora Dule, and Xiaodong Lin
23	Text Content Filtering Based on Chinese Character Reconstruction from Radicals Wenlei He, Gongshen Liu, Jun Luo, and Jiuchuan Lin
24	On Achieving Encrypted File Recovery Xiaodong Lin, Chenxi Zhang, and Theodora Dule
25	A Privilege Separation Method for Security Commercial Transactions Yasha Chen , Jun Hu and Xinmao Gai
26	Research and Review on Computer Forensics Hong Guo, Bo Jin
27	A H.264/AVC Video Watermarking Scheme in VLC Domain for Content Authentication Tanfeng Sun, Xinghao Jiang, Zhigao Lin, Yue Zhou, Huan Lu
28	An Efficient Searchable Encryption Scheme and Its Application in Network Forensics Xiaodong Lin, Rongxing Lu, Kevin Foxton, and Xuemin (Sherman) Shen
29	Study on integrity of chain of custody in computer forensics Yi Wang
30	Live Memory Acquisition through FireWire Lei Zhang, Lianhai Wang, Ruichao Zhang, Shuhui Zhang, and Yang Zhou
31	Enhance Information Flow Tracking with Function Recognition Kan Zhou, Shiqiu Huang, Zhengwei Qi, Jian Gu, Beijun Shen
32	Color Filter Array Synthesis in Digital Images via Dictionary Re-desaicing Sunguangling, Shenzhoubiao
Accepted Papers for the E-ForensicsLaw Workshop	
01	Face and Lip Tracking For Person Identification Zhang Ying
02	SQL Injection Defense Mechanisms for IIS+ASP+MSSQL Web Applications Beihua Wu
03	On Different Categories of Cybercrime in China Aidong Xu, Yan Gong, Yongquan Wang, and Nayan Ai
04	Research on the Application Security Isolation Model Lei Gong, Yong Zhao, Jianhua Liao
05	An Anonymity Scheme Based on Pseudonym in P2P Networks Hao Peng, Songnian Lu, Jianhua Li, and Aixin Zhang