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Proceedings

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Preface

We are delighted to present the proceedings of the 11th Asia-Pacific Network Operations and Management Symposium (APNOMS 2008) which was held in Beijing, China, during October 22–24, 2008.

The Organizing Committee (OC) selected the theme of this year’s symposium as “Challenges for Next-Generation Network Operations and Service Management.” Research and development on next-generation networks (NGNs) have been carried out over the last few years and we are already seeing their deployment and operations in many parts of Asia-Pacific countries. We are also beginning to experience new and interesting services that utilize these NGNs. We are certain that we will see more deployment of NGNs and NGN services in the next few years. Thus, the operations and management of NGNs and their services are very important to the network operators and service providers. At the same time, they are also concerned about new and more effective ways of performing the operations and management.

This year, the APNOMS call for papers received 195 paper submissions from 19 different countries, including countries outside the Asia-Pacific region (Europe, Middle-East, North and South America). Each paper was carefully reviewed by at least three international experts. Based on review scores, the APNOMS 2008 Technical Program Committee discussed the selection of papers, and selected 43 high-quality papers (22.1% of submissions) as full papers and 34 papers as short papers. Accepted papers were arranged into ten technical sessions and two short paper sessions (poster presentation). These sessions include Routing and Topology Management, Fault Management, Community and Virtual Group Management, Autonomous and Distributed Control, Sensor Network Management, Traffic Identification, QoS Management, Policy and Service Management, Wireless and Mobile Network Management, and Security Management.

The Technical Program Committee (TPC) Co-chairs would like to thank all those authors who contributed to the outstanding APNOMS 2008 technical program. We also thank the TPC, OC members and reviewers for their support throughout the paper review and program organization process. Also, we appreciate KICS KNOM, Korea, and IEICE ICM, Japan, for their sponsorship, as well as IEEE CNOM, IEEE APB, TMF, and IFIP WG 6.6, CIC, CCSA, and BK21 POSTECH FIT for their support for APNOMS 2008.

October 2008

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Table of Contents

Session 1: Routing and Topology Management

E-Scheme in Delay-Tolerant Networks	1
<i>Zhi-Ting Lin, Yu-Gui Qu, Qing-Hua Wang, and Bao-Hua Zhao</i>	
Layer 1 VPN NMS Based on Each VPN Customer	11
<i>Hiroshi Matsuura and Naotaka Morita</i>	
Algorithms to Managing Unicast, Multicast and Broadcast Transmission for Optical Switches	21
<i>Dawid Zydek, Leszek Koszalka, Iwona Pozniak-Koszalka, and Keith J. Burnham</i>	
Network Planning and Adaptive Routing for Multimedia Traffic	31
<i>Priscila Solís Barreto, Paulo H.P. de Carvalho, Rafael Dias Oliveira, and Maximiliano Prestes Ceppo</i>	

Session 2: Falut Management

Network-Wide Rollback Scheme for Fast Recovery from Operator Errors Toward Dependable Network	41
<i>Daisuke Arai, Kiyohito Yoshihara, and Akira Idoue</i>	
An Efficient Failure Recovery Scheme for Next Generation Network Services Based on Distributed Components	51
<i>Wataru Miyazaki, Kazuhiko Kinoshita, Hideki Tode, Koso Murakami, Shinji Kikuchi, Satoshi Tsuchiya, Atsuji Sekiguchi, and Tsuneo Katsuyama</i>	
A Novel Fault Diagnosis Approach to Path-Protected WDM Mesh Networks	61
<i>Chi-Shih Chao</i>	
Active Diagnosis of High-Level Faults in Distributed Internet Services	72
<i>Huihu Long, Lu Cheng, Yongguo Zeng, and Li Wu</i>	
Fault Localization for Heterogeneous Networks Using Alarm Correlation on Consolidated Inventory Database	82
<i>Jinsik Kim, Young-Moon Yang, Sukji Park, Sungwoo Lee, and Byungdeok Chung</i>	

Session 3: Community and Virtual Group Management

Probing Based Topology Inference for Large Scale Community Networks 92
Marat Zhanikeev, Yoshiaki Tanaka, and Tomohiko Ogishi

Indexing through Querying in Unstructured Peer-to-Peer Overlay Networks 102
K. Haribabu, Chittaranjan Hota, and Antti Ylä-Jääski

TrustRRep: An Improved Reputation Management Scheme for Reliable Resource Sharing in Peer-to-Peer Networks 112
Junghwa Shin, Taehoon Kim, and Sungwoo Tak

Group Key Locking Scheme in Mobile Multicast Environments with Modified MLDs 123
Byung-Jin Han, Jong-Hyouk Lee, and Tai-Myoung Chung

Session 4: Autonomous and Distributed Control

The Best Practice and Evaluation of Processes to Develop OSSs Using XML-Based Interfaces 136
Yuki Kishikawa, Daisuke Fujishima, Hironao Tamura, Kazuhide Takahashi, and Shoichi Hirata

Review of Knowledge Engineering Requirements for Semantic Reasoning in Autonomic Networks 146
John Strassner, Micheál Ó Foghlú, Willie Donnelly, Joan Serrat, and Nazim Agoulmine

Towards Management Requirements of Future Internet 156
Sung-Su Kim, Mi-Jung Choi, Hong-Taek Ju, Masayoshi Ejiri, and James Won-Ki Hong

Considerations on NETCONF-Based Data Modeling 167
Hui Xu and Debao Xiao

Session 5: Sensor Network Management

A Hop by Hop Rate Control Based QoS Management for Real Time Traffic in Wireless Sensor Networks 177
Muhammad Mostafa Monowar, Md. Obaidur Rahman, Byung Goo Choi, and Choong Seon Hong

Extended Concentric-Clustering Routing Scheme Adapted to Various Environments of Sensor Networks 187
Jin-Young Choi, Sung-Min Jung, Young-Ju Han, and Tai-Myoung Chung

Towards Cluster Based Wireless Sensor Network Deployment Management and Network Coverage Verification	197
<i>Zhanyang Zhang</i>	

A Logical Group Formation and Management Mechanism Using RSSI for Wireless Sensor Networks	207
<i>Jihyuk Heo, Jin Ho Kim, and Choong Seon Hong</i>	

Session 6: Traffic Identification

OD Count Estimation Based on Link Count Data	217
<i>Yi Jin, Dongchen Jiang, Shuai Yuan, Jianting Cao, Lili Wang, and Gang Zhou</i>	

An Efficient Approach for Analyzing Multidimensional Network Traffic	227
<i>Jia Yang, Hao Ma, Bei Zhang, and Ping Chen</i>	

The Measurement of User's Subjective Assessment on Throughput Degradation in Bulk Data Transmission	236
<i>Yasuhiro Sato, Shin'ichiro Kitano, Shingo Ata, and Ikuo Oka</i>	

A Space-Efficient Fair Packet Sampling Algorithm	246
<i>Jin Zhang, Xiaona Niu, and Jiangxing Wu</i>	

Understanding IPv6 Usage: Communities and Behaviors	256
<i>Shaojun Huang, Changqing An, Hui Wang, and Jiahai Yang</i>	

Session 7: QoS Management

DTPD: Data Transfer Tool Performance Diagnosis System in High Speed Networks	266
<i>Jong-Myoung Kim, Young-Ju Han, Giljae Lee, Woojin Seok, and Tai-Myoung Chung</i>	

QoS-Aware Customer Network Management (Q-CNM) System for Efficient Handovers with PMIPv6 and MIH	276
<i>Young-Chul Jung and Young-Tak Kim</i>	

Dynamic Multi-stream Transport Protocol	287
<i>Seung-Joon Seok, Hyeong-Jun Kim, Kwang-Min Jung, Kyung-Hoe Kim, and Chul-Hee Kang</i>	

A Study on the Service Quality Management Process and Its Realization Strategy for Capturing Customer Value	297
<i>Eunjoo Kwak, Byeong-Yun Chang, Daniel Wonkyu Hong, and Byungdeok Chung</i>	

A Novel Integrated Supporting System for Mesh-Pull Based P2P IPTV 307
Bo Wen, Feng Liu, and Luoming Meng

Session 8: Policy and Service Management

BPEL Driven Policy Management of Virtualized Network Resources for IMS Environments 317
Nobutaka Matsumoto, Takahiro Miyamoto, Michiaki Hayashi, and Hideaki Tanaka

Research on the Associated Pricing Strategy in Telecom Industry 327
Xin Yue, Junjie Xu, and Zhanhong Xin

A Semantic Description Approach for Telecommunications Network Capability Services 334
Xiuquan Qiao, Xiaofeng Li, and Tian You

Session 9: Wireless and Mobile Network Management

Low Latency Proactive Handover Scheme for Proxy MIPv6 with MIH 344
Igor Kim, Young Chul Jung, and Young-Tak Kim

Simple Modeling for QoS Management of IEEE 802.11 DCF 354
Takashi Satake

Take the Challenge of IP Evolution and OAM Solution 363
Lihong Wei and Lingshan Kong

Performance Evaluation of Heartbeat-Style Failure Detector over Proactive and Reactive Routing Protocols for Mobile Ad Hoc Network 370
Haijun Zhao, Yan Ma, Xiaohong Huang, and Fang Zhao

Session 10: Security Management

Design and Implementation of an SNMP-Based Traffic Flooding Attack Detection System 380
Jun-Sang Park and Myung-Sup Kim

A Method to Detect Prefix Hijacking by Using Ping Tests 390
Mitsuho Tahara, Naoki Tateishi, Toshio Oimatsu, and Souhei Majima

Application of Data Mining to Network Intrusion Detection: Classifier Selection Model 399
Huy Anh Nguyen and Deokjai Choi

Detection of Leaps/sLumps in Traffic Volume of Internet Backbone	409
<i>Yutaka Hirokawa, Kimihiro Yamamoto, Shigeaki Harada, and Ryoichi Kawahara</i>	

A Sampling Method for Intrusion Detection System	419
<i>Zhuo Ning and Jian Gong</i>	

Session S1, S2: Short Papers

Fast Traffic Classification in High Speed Networks	429
<i>Rentao Gu, Minhao Hong, Hongxiang Wang, Yuefeng Ji</i>	

Service Impact Analysis Framework Using Service Model for Integrated Service Resource Management of NGN Services	433
<i>Seung-Hee Han, Bom-Soo Kim, Chan-Kyou Hwang, and Jae-Jin Lee</i>	

A Trusted Quality of Web Services Management Framework Based on Six Dimensional QoWS Model and End-to-End Monitoring	437
<i>Nan Guo, Tianhan Gao, and Bin Zhang</i>	

Least Interference Optimization Based Dynamic Multi-path Routing Algorithm in ASON	441
<i>Tong Zhao, Yueming Lu, and Yuefeng Ji</i>	

QoS-Aware Scheduling in Emerging Novel Optical Wireless Integrated Networks	445
<i>Min Luo, Hui Li, Yueming Lu, and Yuefeng Ji</i>	

An Energy-Efficiency Route Protocol for MIMO-Based Wireless Sensor Networks	449
<i>Qing-Hua Wang, Yu-Gui Qu, Zhi-Ting Lin, and Bao-Hua Zhao</i>	

Service Oriented T-MPLS Resilience Algorithm with Multi-QoS Constrained	454
<i>Hua Qu, Ji-hong Zhao, and Hong-bao Mao</i>	

Network Stability Analysis Techniques Using the Virtual Articulation Node	458
<i>Yonghyoun Kim, Kisu Kim, Sengjin Ahn, and Jinwook Chung</i>	

A Channel Management Framework to Construct User Preferred Fast Channel Change Stream in IPTV	462
<i>Md. Mamun-Or-Rashid, Dae Sun Kim, and Choong Seon Hong</i>	

A Fair Mobile Payment Protocol	466
<i>Wei Fan, Huaying Shu, Qiang Yan, and Fang Wang</i>	

Statistical Analysis of Slow Portsweep	470
<i>Noriaki Yoshiura</i>	

Empirical Analysis of Application-Level Traffic Classification Using Supervised Machine Learning	474
<i>Byungchul Park, Young J. Won, Mi-Jung Choi, Myung-Sup Kim, and James Won-Ki Hong</i>	
Virtualization-Based Operation Support Systems: Performance Evaluation and Systems Design	478
<i>Yujiro Mochizuki, Kazuhiko Higashi, Kumiko Goto, and Minoru Kato</i>	
A Management Framework for IMS Using Service Managed Objects	483
<i>Muhammad Shoaib Siddiqui, Syed Obaid Amin, and Choong Seon Hong</i>	
Evaluating Open Service Access with an Abstract Model of NGN Functions	487
<i>Samson Lee, John Leaney, Tim O'Neill, and Mark Hunter</i>	
Methods for Rapidly Testing Node Reachability with Congestion Control and Evaluation	491
<i>Naoki Tateishi, Mitsuho Tahara, Yu Miyoshi, and Souhei Majima</i>	
The Design of an Open and Integrated Sensor Network Management Platform	495
<i>Michalis Kalochristianakis, Vasileios Gkamas, Georgios Mylonas, Sotiris Nikolettseas, Jose Rolim, and Emmanouel Varvarigos</i>	
Self-organized Cluster Based Multi-hop Routing for Wireless Sensor Networks	499
<i>Hongjoong Sin, Sungju Lee, Jangsu Lee, Seunghwan Yoo, Sanghyuc Lee, Jaesik Lee, and Sungchun Kim</i>	
An Adaptable Method of E-Workflow Composition Based on Distributed Awareness	503
<i>Hongbin Sun and Yongsheng Ding</i>	
An Adaptive Control Scheme of Reserved Bandwidth for RPR in Steering Mode	507
<i>Wen-Fong Wang, Yi-Shian Chen, and Lih-Chyau Wu</i>	
Estimating Half-Path RTT in Backbone Network	511
<i>Lisheng Huang, Wenyong Wang, and Mingtian Zhou</i>	
A Radio Network Co-design System for Planning, Operation, and Customer Relations Divisions	515
<i>Kosei Kobayashi, Yasuhiko Matsunaga, Takayuki Nyu, and Hiroto Sugahara</i>	
Traffic Matrix Estimation Using Square Root Filtering/Smoothing Algorithm	519
<i>Jingjing Zhou, Jiahai Yang, Yang Yang, and Guanqun Zhang</i>	

A Knowledge-Based Tool to Support Clear Relationship between Threats and Countermeasures Based on International Standards	523
<i>Guillermo Horacio Ramirez Caceres and Yoshimi Teshigawara</i>	
Incentives for Cooperative Relay in Heterogeneous Networks: A Dynamic Reputation-Based Approach	527
<i>Junseok Hwang, Andrei Shin, and Hyenyoungh Yoon</i>	
User-Centric Prediction for Battery Lifetime of Mobile Devices	531
<i>Joon-Myung Kang, Chang-Keun Park, Sin-Seok Seo, Mi-Jung Choi, and James Won-Ki Hong</i>	
A Study on the Reliable and Flexible Implementation of Workforce Management Using Business Process Management	535
<i>Kyu-Hwal Kim, Byeong-Yun Jang, Min-kyu Kwon, and Seung-Hak Suk</i>	
Enterprise Management System with Web-Crawler	539
<i>Myung Sil Choi, Yong Soo Park, and Kwang Seon Ahn</i>	
A Construction Process for Small-Scale Network Systems	543
<i>Yuka Kato</i>	
Design, Implementation and Evaluation of a Network Management System for a High Quality IP-Based Video Transmission Service	547
<i>Shuntaro Kashihara, Kenichi Ogaki, and Tomohiro Otani</i>	
Availability in Peer to Peer Management Networks	552
<i>Ouldooz Baghban Karimi, Saleh Yousefi, Mahmood Fathy, and Mojtaba Mazoochi</i>	
Field Operations Management and Unmanned Operations Management toward NOM 2.0	556
<i>Byeong-Yun Chang, Daniel Wonkyu Hong, Kyu-Hwal Kim, and Byung-Deok Chung</i>	
The IMS/SDP Structure and Implementation of Presence Service	560
<i>Jae-Hyoung Cho and Jae-Oh Lee</i>	
Detection and Handling of TRUNK Congestion in the ATM Network	565
<i>Charlie Yang, Chuan-Chuen Chang, Chi-Ming Chen, David Lu, and Monowar Hossain</i>	
Author Index	569