LISA '11:

25th Large Installation System Administration Conference December 4–9, 2011 Boston, Massachusetts

Message from the Program Co-Chairs. vii
Wednesday, December 7
Perspicacious Packaging
Staging Package Deployment via Repository Management
CDE: Run Any Linux Application On-Demand Without Installation
Improving Virtual Appliance Management through Virtual Layered File Systems
Clusters and Configuration Control
Sequencer: Smart Control of Hardware and Software Components in Clusters (and Beyond)
Automated Planning for Configuration Changes
Fine-grained Access-control for the Puppet Configuration Language
Security 1
Tiqr: A Novel Take on Two-Factor Authentication
Building Useful Security Infrastructure for Free (Practice & Experience Report)
Local System Security via SSHD Instrumentation

Thursday, December 8

From Small Migration to Big Iron
Adventures in (Small) Datacenter Migration (Practice & Experience Report)
Bringing Up Cielo: Experiences with a Cray XE6 System, or, Getting Started with Your New 140k Processor System (Practice & Experience Report)
National Laboratory
Backup Bonanza
Capacity Forecasting in a Backup Storage Environment (Practice & Experience Report)
Content-aware Load Balancing for Distributed Backup
To the Cloud!
Getting to Elastic: Adapting a Legacy Vertical Application Environment for Scalability
Scaling on EC2 in a Fast-Paced Environment (Practice & Experience Report)
Honey and Eggs: Keeping Out the Bad Guys with Food
DarkNOC: Dashboard for Honeypot Management
A Cuckoo's Egg in the Malware Nest: On-the-fly Signature-less Malware Analysis, Detection,
and Containment for Large Networks
Seriously Snooping Packets
Auto-learning of SMTP TCP Transport-Layer Features for Spam and Abusive Message Detection 21' Georgios Kakavelakis, Robert Beverly, and Joel Young, Naval Postgraduate School
Using Active Intrusion Detection to Recover Network Trust
John F. Williamson and Sergey Bratus, Dartmouth College; Michael E. Locasto, University of Calgary; Sean W. Smith, Dartmouth College

Friday, December 9

Network Security Stefan Weigert, TU Dresden; Matti A. Hiltunen, AT&T Labs Research; Christof Fetzer, TU Dresden Melissa Danforth, California State University, Bakersfield Networking 1 Stefan Wallin, Luleå University of Technology; Claes Wikström, Tail-f Systems AB Haythum Babiker, Irena Nikolova, and Kiran Kumar Chittimaneni, Google Experiences with BOWL: Managing an Outdoor WiFi Network (or How to Keep Both Internet T. Fischer, T. Hühn, R. Kuck, R. Merz, J. Schulz-Zander, and C. Sengul, TU Berlin/Deutsche Telekom Laboratories Migrations, Mental Maps, and Make Modernization Why Do Migrations Fail and What Can We Do about It?......293 Gong Zhang and Ling Liu, Georgia Institute of Technology Marc Chiarini, Harvard SEAS Rocky Bernstein