

*38th IFIP WG 10.4 Meeting
Kerhonkson, NY, USA, June 28-July 2 2000*

Workshop on “Dependability, Survivability, & Integrity in e-Commerce Transactions & Infrastructure”

Coordinators: Nicholas S. Bowen (IBM Research, Yorktown Heights, NY, USA)
T. Basil Smith (IBM T.J. Watson Research Center, Hawthorne, NY, USA)

First day of Workshop (Thursday, June 29)

Session 1 — Review and Discuss DSN Workshops

Moderators: Nicholas Bowen & Basil Smith

Nicholas Bowen (IBM Research, Yorktown Heights, NY, USA)
Discussion on Workshop on Dependability of e-Business Systems

Yennun Huang (AT&T Labs, Florham Park, New Jersey, USA)
Discussion on Workshop on Dependability of IP Applications, Platforms and Networks

Yves Deswarte (LAAS-CNRS, Toulouse, France & SRI Int., Menlo Park, CA, USA)
Discussion on Workshop on Dependability Despite Malicious Faults

Session 2 — Network Availability, Dependability & Survivability

Moderator: Jean-Claude Laprie (LAAS-CNRS, Toulouse, France)

Isaac Leventel (Motorola, Elk Grove Village, IL, USA)
Real-Time Issues in the Evolution Toward Packet-Based Telecommunications

Howard Lipson (Carnegie Mellon University, Pittsburgh, PA, USA)
Survivability — A New Security Paradigm for Protecting Highly Distributed Mission-Critical Systems

Chandra Kintala (Bell Laboratories, Murray Hill, NJ, USA)
Reliability and other Application-Level 7 QoS Management in Enterprise Networks

Second day of Workshop (Friday, June 30)

Session 3 — Server Availability Issues

Moderator: John Meyer (University of Michigan, Ann Arbor, MI, USA)

Brendan Murphy (Microsoft Research, Cambridge, UK)
High Availability for Microsoft Servers

Lisa Spainhower (IBM Corporation, Poughkeepsie, NY, USA)
High Availability for e-business

Session 4 — Perils in the Modern World

Moderator: Algirdas Avizienis (University of California, Los Angeles, CA, USA)

Jack Goldberg (Consultant, Palo Alto, CA, USA)
Agents are coming: Dependability Problems in a New Paradigm

Jay Lala (DARPA, Arlington, VA, USA)
Control of Agent Based Systems (CoABS) & DARPA Agent Markup Language (DAML)

O. Sami Saydjari (SRI System Design Laboratory, Wisconsin Rapids, WI, USA)
Cyber Defense Research Center

Richard D. Schlichting (AT&T Labs Research, Florham Park, NJ, USA)
Survivability through Customization and Adaptability: The Cactus Approach

Session 5 — General Discussion

Moderator: Nicholas Bowen (IBM Research, Yorktown Heights, NY, USA)

Workshop Wrap Up