Call For Papers

The Internet Society Symposium on Network and Distributed System Security

San Diego, California, March 1998

Goal: The symposium will foster information exchange between hardware and software developers of network and distributed system security services. The intended audience is those who are interested in the practical aspects of network and distributed system security, focusing on actual system design and implementation, rather than theory. Encouraging and enabling the Internet community to apply, deploy, and advance the state of available security technology is the major focus of symposium. Symposium proceedings will be published by the Internet Society. Topics for the symposium include, but are not limited to, the following:

- Architectures for large-scale, heterogeneous distributed systems
- Security in malleable systems: mobile code, mobile agents, dynamic policy updates, etc.
- Special problems: e.g. interplay between security goals and other goals -- efficiency, reliability, interoperability, resource sharing, and cost.
- Integrating security services with system and application security facilities and with application protocols, including message handling, file transport, remote file access, directories, time synchronization, data base management, routing, voice and video multicast, network management, boot services, and mobile computing.
- Fundamental services: authentication, integrity, confidentiality, authorization, non-repudiation, and availability.
- Supporting mechanisms and APIs: key management and certification infrastructures, audit, and intrusion detection.
- Telecommunications security, especially for emerging technologies -- very large systems like the Internet, high-speed systems like the gigabit testbeds, wireless systems, and personal communication systems.
- Controls: firewalls, packet filters, application gateways
- Object security and security objects
- Network information resources and tools such as World Wide Web (WWW), Gopher, Archie, and WAIS.
- Electronic commerce: payment services, fee-for-access, EDI, notary; endorsement, licensing, bonding, and other forms of assurance; intellectual property protections

General Chair: David Balenson, Trusted Information Systems
Program Chairs: Matt Bishop, University of California at Davis
                   Steve Kent, BBN
Program Committee: Steve Bellovin, AT&T Labs -- Research  
Doug Engert, Argonne National Laboratories  
Warwick Ford, VeriSign  
Li Gong, JavaSoft  
Rich Graveman, Bellcore  
Ari Juels, RSA Laboratories  
Tom Longstaff, CERT/CC  
Doug Maughan, National Security Agency  
Dan Nessett, 3Com Corporation  
Rich Parker, NATO  
Michael Roe, Cambridge University  
Rob Rosenthal, DARPA  
Wolfgang Schneider, GMD Darmstadt  
Christoph Schuba, Purdue University  
Win Treese, Open Market, Inc.  
Jonathan Tostle, Novell  
Gene Tsudik, USC/Information Sciences Institute  
Steve Welke, Institute for Defense Analyses

Local Arrangements Chair: Thomas Hutton, San Diego Supercomputer Center  
Publications Chair: Steve Welke, Institute for Defense Analyses  
Logistics Chair: Torryn Brazell, Internet Society

Submissions: The committee invites technical papers and panel proposals, for topics of technical and general interest. Technical papers should be 10-20 pages in length. Panel proposals should be two pages and should describe the topic, identify the panel chair, explain the format of the panel, and list three to four potential panelists. Technical papers will appear in the proceedings. A description of each panel will appear in the proceedings, and may at the discretion of the panel chair, include written position statements from each panelist.

Each submission must contain a separate title page with the type of submission (paper or panel), the title or topic, the names of the author(s), organizational affiliation(s), telephone and FAX numbers, postal addresses, Internet electronic mail addresses, and must list a single point of contact if more than one author. The names of authors, affiliations, and other identifying information should appear only on the separate title page.

Submissions must be received by 1 August 1997, and should be made via electronic mail in either PostScript or ASCII format. If the committee is unable to print a PostScript submission, it will be returned and hardcopy requested. Therefore, PostScript submissions should arrive well before 1 August. If electronic submission is difficult, submissions should be sent via postal mail.

All submissions and program related correspondence (only) should be directed to the program chair:
Matt Bishop  
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Each submission will be acknowledged by e-mail. If acknowledgment is not received within seven days, please contact the program chair as indicated above. Authors and panelists will be notified of acceptance by 1 October 1997. Instructions for preparing camera-ready copy for the proceedings will be sent at that time. The camera-ready copy must be received by 1 November 1997.