

USENIX '04

June 27–July 2, 2004
Boston Marriott Copley Place
Boston, MA

JOIN US IN BOSTON for the latest in groundbreaking research, open source development, and cutting-edge practices.

NEW IN 2004—Build your own single- or multi-day conference: mix and match training, technical tracks, SIGs, and Guru sessions to focus on just one topic—or sample the best of everything! Plus an expanded program, with more training, research, security breakthroughs, sessions devoted to Linux and open source software, and practical approaches to the puzzles and problems you wrestle with.

USENIX Annual Technical Conference '04

DON'T MISS THE DEBATE OF THE YEAR!

Dan Geer of Verdasys, Inc., and Scott Charney of Microsoft go head-to-head in a debate over one of today's most controversial technical topics:

Is an Operating System Monoculture a Threat to Security?

Moderated by Avi Rubin, *Johns Hopkins U.*
Wednesday, June 30, 3:30 p.m., in the
Security SIG Session

EVENING PROGRAM

The learning continues long into the night with the attendee-favorite Birds-of-a-Feather sessions, as well as industry panels and other social activities every evening.

TRAINING

USENIX '04 offers 6 days of training, covering crucial topics and led by highly respected instructors. Register now to guarantee your first choice — seating is limited.

Training highlights include:

- Marcus Ranum on "Defeating Junk/Spam Email"
- Tom Christiansen on "Advanced Perl Programming"
- Eric Allman on "Advanced Technology in Sendmail"
- Gerald Carter on "Implementing LDAP Directories"
- Marshall Kirk McKusick on the "FreeBSD 5.2 Code"
- Joshua Jensen on "Linux Systems Administration"

Please visit <http://www.usenix.org/usenix04/training> for the full 6-day training program.

REFEREED PAPERS

Complement your training experience by checking out the Refereed Papers. Starting with the General sessions, the first 2.5 days of the conference are dedicated to discussing original and innovative topics about modern computing. On Wednesday afternoon the Open Source/FREENIX sessions begin, showcasing the latest developments and interesting applications of open source software.

SIG SESSIONS

Special Interest Group sessions provide an extended opportunity to gather the latest information on the industry's hottest topics.

- **Security**, including a panel on The Politicization of Security, moderated by Avi Rubin
- **UseLinux**, highlighting creative uses of Linux, such as the The FlightGear Flight Simulator
- **Extreme Linux**, including Scaling Linux to Extremes: Experience with a 512-CPU Shared Memory Linux System
- **UseBSD**, featuring a panel on The State of the BSD Projects, led by Marshall Kirk McKusick
- **Advanced System Administration**, including talks from Alva Couch and Tom Limoncelli on the big picture of system administration

GURU SESSIONS

Join noted experts in informal sessions designed to allow you to get practical solutions to your most burning technical questions. This year's sessions include:

- Embedded Linux, Bart Massey, *Portland State University*
- Experiences with X, Keith Packard, *Hewlett-Packard*
- Deploying Commercial DB on Linux, Steve Rees, *DB2 Development, IBM Toronto Lab*
- NFS Deployment for High Performance, Tom Talpey, *Network Appliance, Inc.*
- High-Performance Linux Clusters, Greg Bruno, *San Diego Supercomputer Center*
- Enterprise Wireless LANs, Sandeep Singhal and Yoon Ho Park, *ReefEdge Networks*

Register by June 7 and save up to \$300 • www.usenix.org/usenix04/

2004 USENIX ANNUAL TECHNICAL CONFERENCE

USENIX '04 AT A GLANCE

Sunday, June 27, 2004

- 9:00 a.m.–5:00 p.m. TRAINING SESSIONS
6:00 p.m.–12:00 a.m. EVENING EVENTS

Monday, June 28, 2004

- 8:45 a.m.–9:00 a.m. OPENING REMARKS & AWARDS
9:00 a.m.–10:00 a.m. PLENARY SESSION
10:30 a.m.–6:00 p.m. TRAINING SESSIONS
10:30 a.m.–6:00 p.m. GENERAL TECHNICAL SESSIONS
10:30 a.m.–5:00 p.m. ADVANCED SYSTEM
ADMINISTRATION SIG SESSION
10:30 a.m.–3:00 p.m. GURU IS IN SESSIONS
6:00 p.m.–12:00 a.m. EVENING EVENTS

Tuesday, June 29, 2004

- 9:00 a.m.–5:00 p.m. AFS WORKSHOP
9:00 a.m.–10:00 a.m. PLENARY SESSION
10:30 a.m.–6:00 p.m. TRAINING SESSIONS
10:30 a.m.–6:00 p.m. GENERAL TECHNICAL SESSIONS
10:30 a.m.–5:00 p.m. USEBSD SIG SESSION
10:30 a.m.–5:00 p.m. GURU IS IN SESSIONS
6:00 p.m.–12:00 a.m. EVENING EVENTS

Wednesday, June 30, 2004

- 9:00 a.m.–10:00 a.m. PLENARY SESSION
10:30 a.m.–6:00 p.m. TRAINING SESSIONS
10:30 a.m.–12:00 p.m. GENERAL TECHNICAL SESSIONS
1:30 p.m.–5:00 p.m. OPENING REMARKS & AWARDS, & FREENIX
TECHNICAL SESSIONS
10:30 a.m.–5:00 p.m. SECURITY SIG SESSION
10:30 a.m.–5:00 p.m. GURU IS IN SESSIONS
6:00 p.m.–12:00 a.m. EVENING EVENTS

Thursday, July 1, 2004

- 9:00 a.m.–10:00 a.m. PLENARY SESSION
10:30 a.m.–6:00 p.m. TRAINING SESSIONS
10:30 a.m.–5:00 p.m. FREENIX TECHNICAL SESSIONS
10:30 a.m.–5:00 p.m. USELINUX SIG SESSION
10:30 a.m.–3:00 p.m. GURU IS IN SESSIONS
6:00 p.m.–12:00 a.m. EVENING EVENTS

Friday, July 2, 2004

- 9:00 a.m.–10:00 a.m. PLENARY SESSION
10:30 a.m.–6:00 p.m. TRAINING SESSIONS
10:30 a.m.–5:00 p.m. FREENIX TECHNICAL SESSIONS
10:30 a.m.–5:00 p.m. EXTREME LINUX SIG SESSION
10:30 a.m.–3:00 p.m. GURU IS IN SESSIONS

"A community of smart, energetic, and creative people; I'm always impressed by the content and quality of the USENIX conferences and the clue level of the attendees."

—Marcus Ranum, *TruSecure Corp.*

Build Your Own Conference!

We've listened to your feedback and have reorganized the conference to be more flexible for the attendees. Whether your interests lie strictly in security or Linux or include a variety of topics, you can build the conference you need. Combine training, SIG sessions, and technical tracks to customize the conference just for you! Visit <http://www.usenix.org/userix04> to see the conference program broken down by the following themes: BSD, Coding, Linux/Open Source, Networking, Security, and Sysadmin. Take advantage of our expanded program of more training, research papers, and sessions devoted to the latest information and practical approaches—theory and practice. Dive in for one day or several, or come for the whole conference; an exciting spectrum of technical content fills every day.

Register on the Web Today at <http://www.usenix.org/userix04>

New for USENIX '04: Pay today with a credit card, or make a reservation online and then pay either by check, phone, or fax. Have the best of both worlds: the convenience of online registration without the hassle of hand-written forms, and the ability to pay as you want, when you want!

"USENIX Annual Tech has always been a place to stay current on the interesting work that interesting people are doing."

—Eric Allman, *original author of sendmail and CTO, Sendmail, Inc.*

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