3rd Large Installation System Administration of Windows NT / 2000 Conference

Sponsored by USENIX, the Advanced Computing Systems Association, and by SAGE, the System Administrators Guild

http://www.usenix.org/events/lisa-nt2000

July 30 - August 2, 2000 **Seattle, Washington, USA**

Important Dates

Submission proposals due: *Feb. 16, 2000*
Notification to authors: *March 13, 2000*
Final papers due: *June 1, 2000*

Conference Organizers

Conference Co-Chairs

Phil Cox, *SystemExperts*
Jesper M. Johansson, *Boston University*

Program Committee

Kip A. Boyle, *SRI Consulting*
Alan Epps, *Intel*
Aeleen Frisch, *Exponential Consulting*
John Holmwood, *NOVA Gas Company*
David LeBlanc, *Microsoft Corp.*
Todd Needham, *Microsoft Corp.*
Jason Reed, *System Experts*
Dave Roth, *Microsoft Corp.*
Martin Sjoelin, *Warburg Dillon Read*

Overview

By late next summer, we will have all undergone the flurry or flutter of Y2K, and many of us will be in the midst of another similar dilemma: migrating to Windows 2000. Sites around the world are all slowly beginning to plan this migration, some sooner than others, and all are seeking answers from those who have blazed the trail ahead of them. The Large Installation System Administration of Windows NT conference, LISA-NT, is a forum to bring system administration professionals together to discuss workable solutions to the issues of administering and scaling all versions of the NT environment. In 2000 that will mean migration issues for many of us, and just keeping our heads above water with Windows NT 4.0 for others.

LISA-NT 2000 will bring together peers and experts in our field to discuss leading edge solutions that have a proven track record of working. LISA-NT is put together by and for Windows NT administrators who need solutions to problems such as integration, migration, security, and management using today's technology. We invite you to submit technical papers as well as proposals for invited talks, panel sessions, tutorials, and work-in-progress reports. There are also opportunities for Birds-of-a-Feather sessions and demonstrations of products and solutions. Please review this call for papers, prepare a submission, and join us in making LISA-NT 2000 the premiere conference for system administrators of distributed NT-based environments.

This conference will last four days. Two days of tutorials will be followed by two days of technical sessions including refereed papers, invited talks, and works-in-progress. On August 3-4, 2000, the Fourth USENIX Windows Operating Systems Symposium will be held in the same location.

Topics

LISA-NT is about creating a community of system administration professionals, which come from diverse computing environments, to give them an opportunity to discuss problems and share solutions. Submissions may address administration methodologies (i.e. "This is what I do and why") as well as implemented solutions (e.g. "This is the tool I wrote in Perl or VBscript or any other language" or "This is how I turned my Master-Domain model into a functional Active Directory"). To facilitate these discussions, we encourage you to consider these topics:

Management & Migration
- Management of homogeneous Windows NT networks
- Management of NT in heterogeneous environments
- Large-scale or distributed NT management solutions and experiences
- Locally developed administration tools and techniques
- Models for centralized, remote or distributed management
- Reduction of the total cost of ownership for users and/or workstations
- Backup and restore methodologies
- User account management
- Migrating existing domain structures to Windows 2000 Active Directory
- Large-scale configuration, roll-out, and maintenance of NT workstation and application software
- Management of NT for heterogeneous user constituencies
- Maintaining or enhancing NT security posture during migration to Windows 2000

Sharing and Integration
- Integration of NT into complex, existing environments
- Integration of NT (workstation and/or server) into existing UNIX or Netware environments
- Integration of Unix into NT environments
- Integration of an existing Unix Kerberos Realm with Windows 2000 Active Directory
- Integration of Windows 2000 and Windows NT 4.0 security functionality
- Use of cross-platform distributed services
- Remote access
- Laptops and PDA's running and/or accessing NT
- Deployment of Windows 2000 and/or Windows NT 4.0 in extranets
- Use of IPsec and other VPN solutions in homogeneous or heterogeneous NT/Win2K environments
- Strategies for deployment of Windows 2000 into heterogeneous networks

Tools, Experiences, and Issues
- Successful use of third-party applications during daily administration
- Surveys of examined tools (good and bad) while implementing a solution

- Performance tuning and measurement
- E-mail management
- Central name service and browsing
- Software licensing, deployment, and upgrade management
- Security issues, including policies, education, response, and fixes
- The registry

Best Paper Awards

Awards will be given for the best paper and best student paper at the conference.

What to Submit

The program committee seeks submissions from the Windows NT system administration community in the following formats:

Technical White Papers

We seek papers relating work of general interest to system administrators of Windows NT, particularly technical papers that reflect hands-on experience or describe implemented or attainable solutions. Submissions will be judged on the quality of the written submission and whether or not the work advances the art and science of NT system administration.

A paper submission should:
- Contain a short abstract
- Include an outline of the paper. If you have a completed paper, you may submit it instead of the abstract and outline.
- Conform to the "How and Where..." instructions below

Please see the detailed author instructions, which include a sample abstract, for more information: *http://www.usenix.org/ events/lisa-nt2000/cfp/guidelines.html*

Authors of an accepted paper must provide a final paper for publication in the conference proceedings. At least one author of each accepted paper will present the paper during the technical track of the conference. These presentations generally include a 20-minute talk with 5-10 minutes of questions from the audience.

Conference proceedings containing all full technical white papers will be distributed to attendees and, following the conference, will be available online to USENIX members and for purchase.

The LISA-NT Conference, like most conferences and journals, requires that papers not be submitted simultaneously to another conference or publication and that submitted papers not be previously or subsequently published elsewhere. Papers accompanied by non-disclosure agreement forms are not acceptable and will be returned to the author(s) unread. All submissions are held in the highest confidentiality prior to publication in the Proceedings, both as a matter of policy and in accord with the U.S. Copyright Act of 1976.

Invited Talks/Panel Sessions

These survey-style talks given by experts range over many interesting and timely topics. Invited talks fit in a 90-minute session with a short question and answer session at the end. Please submit a proposal for an invited talk or a panel session to: *lisantpapers@usenix.org*

Work-in-Progress Reports (WIPs)

Work-in-Progress Reports (WIPs) are short talks that introduce new or ongoing work. If you have work you would like to share or an interesting idea that is not quite ready to be published as a paper, a WIP is for you. Acceptance will be based upon the applicability and scalability of the proposed solution. To submit a WIP, email a description of the problem and your (possibly incomplete) solution if necessary, and why the problem you are addressing is interesting, to: *lisantpapers@usenix.org*

Tutorials

On July 30 and 31, there will be full and half-day tutorials in all areas and levels of expertise for Windows NT system administrators. Previous tutorial sessions have covered topics such as "Windows NT Security," "Windows NT Internals," "Configuring Samba, Avoiding Common Pitfalls," and "Administering Windows NT DHCP and DNS servers."

If you are interested in presenting a tutorial at LISA-NT, please contact the USENIX tutorial coordinator:

Daniel V. Klein
Email : *dvk@usenix.org*
Phone : +1.412.422.0285
Fax : +1.412.421.2332

How and Where to Send Submissions

Please email your submission to *lisantpapers@usenix.org* in one of the following formats (listed in order of preference). If you enclose files as an attachment to your submission, please use MIME encoding.
- RTF
- Microsoft Word 97
- Postscript formatted for 8.5" x 11" page
- HTML
- Plain text with no extra markup

A cover letter with the following required information must be included with all submissions:

Authors : Names and affiliation of all authors, and an indication of which, if any, are full-time students
Contact: Primary contact for the submission
Address: Contact's full postal address
Phone: Contact's telephone number
Fax: Contact's fax number
Email: Contact's e-mail address
URL: For all speakers/authors (if available)
Category: Category of the submission (paper, invited talk, panel, WIP, BoF, demo/poster session)
Title: Title of the submission
Needs: Audio-visual requirements for presentation

We will acknowledge receipt of a submission by email within one week.

Registration Materials

Materials containing all details of the technical and tutorial programs, registration fees and forms, and hotel information will be available in May 2000. If you wish to receive the registration materials, please visit the symposium Web site or contact:

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