2nd Large Installation System Administration of Windows NT Conference (LISA NT)

July 14-16, 1999
Westin Hotel
Seattle, Washington

Conference URL: http://www.usenix.org/events/lisa-nt99

Sponsored by USENIX, the Advanced Computing Systems Association
Co-sponsored by SAGE, the System Administrators Guild

Co-located with the 3rd USENIX Windows NT Symposium, August 12-14, 1999

Important Dates
Submission proposals due: Feb. 23, 1999
Notification to Authors: March 23, 1999
Final papers due: June 1, 1999

Overview
What are the qualities of good models of system and network administration? Sites around the world are asking this question as they build networks of varying size and complexity that include Microsoft Windows NT on the desktop, in the server room, or both. 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 the NT environment.

LISA NT '99 will bring together peers and experts in our field. 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 demos of products and solutions.

Please review this call for papers, make a submission, and join us in making LISA NT '99 the premiere conference for system administrators of distributed NT environments.

We look forward to your participation. If you have questions regarding submissions, acceptable topics, etc., you may e-mail us at **lisantchairs@usenix.org**. You may also obtain detailed guidelines for submissions by sending e-mail to **lisantauthors@usenix.org**.

Conference Organizers
Conference Co-chairs
Gerald Carter, Auburn University
Ralph Loura, DE Shaw & Co.

Program Committee
Ian Alderman, *Cornell University*
Jeremy Allison, *SGI*
Phil Cox, *Networking Technology Solutions*
Alan Epps, *Tektronix*
Aeleen Frisch, *Exponential Consulting*
John Holmwood, *NOVA Gas Company*
Matthew Olguin, *Sematech*
Andrew Rieger, *Lehman Brothers*
Martin Sjoelin, *UBS*

Topics
LISA NT is about creating a community of system administrators from diverse computing environments and giving them the 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 (for example, "This is the tool I wrote in Perl or VBscript or any other language" or "This is how I administer X numbers of machines using tools Y and Z"). To facilitate these discussions, we encourage you to consider these topics:

Management
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
Backups and restores
User accounts

Sharing and Integration
Integration of NT into complex, existing environments
Integration of NT into UNIX environments
Integration of UNIX into NT environments
Use of cross-platform distributed services
Remote access Laptops and PDAs

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 most important aspect of LISA NT is the sharing of information. With this in

mind, 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

You may send email to **lisantauthors@usenix.org** to receive detailed author instructions and a sample abstract.

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 minutes talk with five to ten minutes of questions from the audience. We also ask that, if possible, copies of presentation slides be made available for publication.

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

Note that USENIX conferences, like most conferences and journals, requires that papers not be submitted simultaneously to more than one conference or publication and that submitted papers not be previously or subsequently published elsewhere. Papers accompanied by so-called "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 (Title 17, U.S. Code, Section 102).

Invited Talks/Panel Session

If you have a presentation that does not fit in the area of a technical paper submission, please submit a proposal for an invited talk or a panel session. The proposal should
- include an extended outline of the talk or panel topic and format
- include a description of your qualifications to present the topic
- if the proposal is a panel session, list the likely participants
- conform to the "How and Where" instructions below

Invited talks generally consist of a ninety-minute talk with a short question and answer session at the end. Panels are composed of four to five people with the discussion centered on a specific topic such as security, user management, etc. Acceptance will be based upon the general applicability of the topic and on availability of time in the program.

Works-in-Program Reports (WIPs)

Works-in-Program 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, a WIP is for you. Acceptance will be based upon the applicability and scalability of the proposed solution. To submit a WIP:
- include a description of the problem and your (possibly incomplete) solution
- if necessary, include an explanation of why the problem you are addressing is interesting
- conform to the "How and Where" instructions below

Tutorials

On July 14, 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 : 412.422.0285 |
Fax : 412-421-2332

Birds-of-a-Feather (BOF) and Demonstration Sessions

BOF sessions are very informal gatherings of attendees interested in a particular topic. Demonstrations of NT tools, techniques, and products, whether freely available or commercial, are also welcome, though you will have to supply your own equipment. BOFs and demonstrations will be held on Wednesday and Thursday evenings, July 14 and 15, and may be scheduled at the conference or in advance by contacting the

USENIX Conference Office
Email : **conference@usenix.org**
Phone : 949.588.8649

How and Where to Send Submissions

Please email your submission to **lisantpapers@usenix.org** in any one of the following formats. If you enclose files as an attachment to your submission, please use MIME encoding.

Plain text with no extra markup Postscript formatted for 8.5" x 11" page Microsoft Word 97 RTF HTML 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: 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 speaker/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.