



The end-to end reliability forum.

## Northwest Chapter

WWW.7X24NW.ORG

### Mission Statement

The 7x24 Exchange Northwest Chapter's mission is to provide an open educational forum dedicated to the continuous improvement and increased awareness of data center reliability focusing on the key disciplines of design, construction, maintenance, security and management with the goal of obtaining continuous data center operations.

### Mark Your Calendar

September 18, 2001  
7x24 Exchange NW Chapter  
Server Cooling Work Group  
Callison Architecture  
Seattle, WA  
12pm - 2 pm

September 18, 2001  
7x24 Exchange NW Chapter  
Fall Session  
Callison Architecture  
Seattle, WA  
4pm - 7pm

November 11 - 14, 2001  
7x24 Exchange  
National Fall Conference  
Phoenician Resort  
Scottsdale, AZ

February 12, 2002  
7x24 Exchange NW Chapter  
Winter Session

# fall 2001 UPDATE

## Spring Session: Lessons Learned in the Nisqually Earthquake

John Hooper, PE of the structural engineering firm of Skilling Ward Magnusson Barkshire gave a fascinating presentation of the effects of the Nisqually Earthquake, which struck the Puget Sound area on February 28, 2001. This 6.8 Richter earthquake caused extensive damage throughout the area and while no lives were lost, businesses were severely impacted.

Many thanks to John for his presentation, he can be reached at: [jdh@skilling.com](mailto:jdh@skilling.com)

## Northwest Chapter Working Group Meetings

Our two active Working Groups, Power Planning and Server Cooling have had several meetings. Stan Price and Wayne Humphrey of the Power Planning Group and David DeLorenzo of the Server Cooling Group will both be giving updates of their activities at this session. If you are interested in participating in either of these groups, they are open to all interested parties. Check the website for meeting dates and details: [www.7x24nw.org](http://www.7x24nw.org).

## National Spring Conference End to End Reliability: *Vulnerabilities*

The Spring Conference, held at the Grand Floridian Hotel at Walt Disney World Resort in Orlando, Florida, was a great success. Over 250 participants from all disciplines made this Conference one of the strongest to date. Presentations ranged from Distributed Power Generation, Electrical Essentials, Rapid Project Delivery, A Case Study of the Technology Center of the Americas, Understanding Lightning, and many more. A full conference brochure is available at: [www.7x24exchange.org](http://www.7x24exchange.org).

The National Fall Conference will be held at the Phoenician Resort in Scottsdale, AZ on November 11 - 14, 2001. The theme will be **End to End Reliability: The Future**. Conference and hotel information is available at: [www.7x24exchange.org](http://www.7x24exchange.org).

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# Data Center Roundtable

## High Availability Storage Area Networks

Date  
Tuesday, September 18, 2001  
4 - 7 pm

Callison Architecture  
15th Floor Learning Center  
1420 Fifth Avenue  
Seattle, WA

### Agenda

- 4:00 Symposium:  
Storage Area Networks - High Availability Data Storage
- 4:45 Refreshments
- 5:00 Energy Efficient Servers
- 6:00 Wearable Computing
- 6:45 Work Group Updates

RSVP  
by Thursday, September 14

Boeing Information & Support Services

Attn: Rob Costa

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Space is limited to promote interactive discussion.

Travis Teddy, Senior SE  
XIOtech SAN

XIOtech manufactures a SAN solution that is operating system independent, allowing enterprise wide sharing of data. Travis will explain what a SAN really is and how it can solve multiple storage issues, reduce data corruption and downtime. Travis will also examine high availability options as well as backup strategies to shorten data archiving and recovery windows.

#### About the Speaker

Travis Teddy is a systems engineer with XIOtech with a broad knowledge of open systems architecture for storage, high availability software, and back up solutions.

### Energy Efficient Servers

Deva Bodas  
Senior Architect  
Advanced Systems Lab  
Intel Corporation

Intel, the leading chip manufacturer, is working to make server systems more energy efficient in response to the increasing demands current technology is placing on critical infrastructures. Deva will focus on these and future efforts by Intel and will also seek input from the engineering attendees on electrical and cooling issues for high density server solutions.

#### About the Speaker

Deva Bodas is a senior architect with Intels Advanced Systems Lab. He has 17 years of experience in the computer, networking and communication fields and has been with Intel since 1997. He is currently focusing on technological issues in the server industry.

### Wearable Computing

Bill Baugh  
Senior Account Manager  
Western Region  
Xybernaut Corporation

As computer products get smaller and smaller, the idea of being able to wear your computer and take it anywhere has finally become a reality. Applications for powerful mobile computing could have a significant impact in the mission critical industry allowing data center and facility managers to have complete network, data base, and monitoring capability with them at all times and in all locations. Bill Baugh will demonstrate the capabilities of Xybernaut's line of wearable computing and explore how this industry can take advantage of this promising technology.

#### About the Speaker

Bill Baugh has been in the IT sales area for over 20 years in the Northwest and is responsible for providing wearable computing technology to address applications in a wide variety of vertical markets, including utilities, aerospace and defense.

### Chapter Work Group Updates

#### Server Cooling Work Group & Power Planning Work Group

## National Chapter Representatives Sought

The 7x24 Exchange is requesting each recognized chapter to nominate two candidates to serve on the National Board of Directors in order to provide the Board with broader representation and to help assure that unique needs of the 7x24 Exchange chapters are considered.

Candidates must be:

An officer of an active chapter,

Involved in the client/owner community,

Able to attend at least 5 of the 9 normally scheduled National Board meetings in person (two of these meetings are held at the National Conferences),

At least one representative must be from IS/IT/Networking.

The Northwest Chapter will be voting on candidate representatives to fulfill these important positions at this Fall Meeting. This is an ideal way for the chapters to voice their concerns and present their positions at the board level. It is also an excellent opportunity to become involved at a higher level within the national organization and more involved with other chapters. Bring your ideas for representation to our meeting, we will consider both nominations and issues and concerns to address.

### Officers & Committees

#### President

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#### Server Work Group

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#### Power Work Group

Wayne Humphry Mazzetti & Associates

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Northwest Chapter

## Membership Application

Membership Type:

Individual \$50 per year

Corporate \$200 per year

Renewal

New Member

*For corporate memberships, complete one application for each individual and return the applications together with your membership fee. Corporate memberships may include an unlimited number of members per company. Send applications and payment to: Leonard Ruff, Callison Architecture, 1420 Fifth Avenue, Suite 2400 Seattle, WA 98101. Make checks payable to: 7x24 Exchange Northwest Chapter*

Name: \_\_\_\_\_

Title: \_\_\_\_\_

Company: \_\_\_\_\_

Mailing Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_

Country: \_\_\_\_\_

Telephone: \_\_\_\_\_ Fax: \_\_\_\_\_

Email Address: \_\_\_\_\_

Remember, you can register on-line at: [www.7x24nw.org](http://www.7x24nw.org).