

# WAVV Agenda

Green Bay WI

May 18 – 22, 2007

## Friday May 18, 2007

### Room Registration

02:00 PM – 9:00 PM

Registration

Convention Center Lobby

### Meeting Room 6AB

06:00 PM – 6:45 PM

WAVV Committee

All WAVV Committee Members please attend.

### Ballroom A

07:00 PM – 11:00 PM

*Splash*

**Special People Love a Special Happening.**

Food, drinks and especially interesting conversations. Come early, stay late, ask questions, get answers, give opinions, but do not miss SPLASH. The right way to begin WAVV.

## Saturday May 19, 2007

### Room Registration

07:30 AM – 7:00 PM

Registration

Convention Center Lobby

### Saturday 8:00 AM

U1 **Opening Session**

Moderators: Pete Clark and Charles Rice

WAVV opening session. Introductions of projects and WAVV committee members followed by WAVV announcements. Helpful information for both old and new attendees and a chance to renew old friendships. Do not miss the first session.

### Saturday 9:00 AM

U1 **IBM Update**

Moderators: Pete Clark and Charles Rice

Speakers: Jerry Johnston, Alan Altmark, Dr. Klaus Goebel, and Mike Augustine – all from IBM

A brief update on what's new with z/VSE, z/VM, Linux for System z, and IBM System z servers and related hardware in the year since the last WAVV.

### Saturday 10:30 AM

U1 **Second Life - the future Market Place? VSE and Second Life!**

Speaker: Wilhelm Mild, IBM

Moderator: Eric Vaughan

The session will show what second life is and what potential business could come using this 'Virtual World'.

VSE will be part in the huge IBM area in second life. Come see the revolutionary market place that can change our future dramatically.

U1 – Ballroom B-1&2

U3 – Ballroom A-1

V1 – Ballroom A-3

WAVV

U2 – Ballroom B-3

U4 – Ballroom A-2

V2 – Ballroom A-4

Page 1

# WAVV Agenda

## Green Bay WI

May 18 – 22, 2007

- U2 **Migrating to the z/VM Virtual Switch** Moderator: Steven Southerland  
Speaker: Alan Altmark - IBM z/VM Development

Converting your existing point-to-point or z/VM Guest LAN configurations to the z/VM Virtual Switch can appear to be a daunting task, but it's easier than you think. Here we'll talk about how to move subnet routing off of your z/VM system and onto your networking hardware where it belongs. We'll even talk about how to create IEEE VLANs on a Cisco switch. This presentation is a great way to bridge the "buzzword gap" between yourself and your network administrators.

- U3 **What Mother Never Told You about Cryptography?** Moderator: Billy Bingham  
Speaker: Don Stoeber of CSI

So; your Mother never told you anything about Cryptography? While this won't be from your Mother we will discuss data encryption, message digest algorithms, and public/private pki issues...

- U4 **Automation of z/VSE with Open Source ANT** Moderator: Tony Thigpen  
Speaker: Ingo Franzki, IBM

The Open Source Tool ANT (<http://ant.apache.org/>) is originally intended to build (compile and package) Java applications. However, ANT can also be used to automate processes on z/VSE. This session will show how you can automate data transfers between VSE and other servers in your enterprise by using ANT. Also many other automation possibilities with ANT will be shown, for example the submission of VSE jobs with subsequent reaction the return code of the job.

- V1 **Cornerstone**

### Saturday 11:45 AM

- U1 **z/VSE Version 4 News and Views** Moderator: Ellen Alexander  
Speaker: G. M. (Jerry) Johnston, IBM

This session focuses on the recent announcement of z/VSE Version 4. It covers z/VSE status, content, strategy (including SOA and interoperability), as well as the benefits of an hybrid environment incorporating the best of z/VSE and Linux on System z. The session will also review attractive new MLWC pricing (with full-capacity and sub-capacity options) introduced exclusively for z/VSE V4 on IBM System z9. It includes examples of z9 EC and z9 BC opportunities made possible by IBM's renewed emphasis on z/VSE V4.

- U2 **COBOL Programming Tips** Moderator: James Moore  
Speaker: Bob Bostis – Kroger and Michele Boyd – Moore-Handley, Inc.

According to generally accepted statistics, 70 percent of the world's business data is still being processed by mainframe applications written in COBOL. It's estimated that 30 billion COBOL transactions are processed daily, so having an application programmer approach you with a COBOL problem is inevitable. What can you do to help? Learn what is allowed (and more importantly, what ISN'T

# WAVV Agenda

## Green Bay WI

May 18 – 22, 2007

allowed) in COBOL. We've assembled a panel of seasoned COBOL experts who are ready to share their knowledge (and war stories) with you.

### U3 z/VM Update

Moderator: Steven Southerland

Speaker: Alan Altmark, IBM

This session will provide you with the latest & greatest information about the newly-announced z/VM Version 5 Release 3. We will discuss support dates, the latest enhancements, and ideas for the future.

### U4 IBM'S Remote Support Structure for z/VSE and how to get the most out of it

Speaker: Gerhard Zierl, IBM

Moderator: Debbie Henderson

L1/L2 service structure and how it's integration with the development team works for you. In addition this session will cover,

1. Defect versus non-defect oriented support
2. Dealing with problems involving the software of multiple vendors
3. Severity, priority and response time
4. Steps you can take do to help accelerating problem resolution
5. Escalation of problems
6. Problems when opening a PMR with the call center
7. Trailer calls and why is IBM doing them.
8. Future service trends in opening and handling problems

We are happy to collect your feedback and recommendations based on your own experience with the VSE service.

### V1 Tuning CICS/TS Has Never Been This Easy Using C\TREK

Tuning CICS/TS can take a significant amount of time and effort using traditional performance monitors. Some installations have hundreds of resources to tune such as VSAM files, transactions, programs, LSR pools etc. Reviewing all of these resources using traditional performance monitors can take time. This presentation provides information on how using C\TREK, a user can quickly identify areas that require attention and receive recommendations as to how to fix the situation. In many cases, a user can within an hour identify the areas that require tuning or may pose a potential performance problem. C\TREK can also be used as a problem determination tool that can identify potential problems such as VSAM file lockout conditions, identifying the owner and waiters. C\TREK also has an abend handler that captures ASRA abends, Short on Storage situations and storage violations. In addition, the tool provides an internal view of CICS/TS control blocks, chains and tables. Many installations use the product as a training tool for system programmers in CICS/TS internals, performance tuning and problem determination.

**Saturday 12:45 PM**      **Lunch on Your Own**

### **Saturday 1:45 PM**

#### U1 Technical insights into z/VSE Version 4

Moderator: Tony Thigpen

Speaker: Ingolf Salm, IBM

U1 – Ballroom B-1&2

U3 – Ballroom A-1

V1 – Ballroom A-3

WAVV

U2 – Ballroom B-3

U4 – Ballroom A-2

V2 – Ballroom A-4

Page 3

# WAVV Agenda

## Green Bay WI

May 18 – 22, 2007

This presentation provides detailed information on the newly available z/VSE V4. Besides Version 4 features you will get insight into key z/VSE functions and capabilities. You will learn how z/VSE exploits the newest IBM System z hardware and how z/VSE interacts with non-z/VSE servers. You will also get information on exploitation of devices (such as ECKD / SCSI attached disk and tape devices).

- U2 **Bringing You Up to Date with System z Hardware** Moderator: Steven Southerland  
Speaker: Mike Augustine, IBM

A mainframe for everyone? There is now with the announcement of the IBM System z9 Business Class (z9 BC). There are many changes you should know about. This presentation is an overview of the latest up-to-the-minute news that includes a significant new mainframe solution announced since the last WAVV. Find out how the z9 BC fits into your future whether you want to run traditional workloads (batch and CICS), new workloads (Linux, Java and database serving) or both! The best things really are packaged in a smaller System z9.

- U3 **A Review of Solutions using z/VSE Connectors** Moderator: Dave Stuart  
Speaker: Wilhelm Mild, IBM

Easy access to z/VSE resources from remote platforms, standard interfaces, and the integration of z/VSE processes in modern distributed environments is a primary focus of z/VSE development. With z/VSE V4.1, connector technology continues to evolve and mature. z/VSE can participate in solutions based on Service-Oriented Architecture (SOA). The VSE Health Checker uses z/VSE connectors to help in system management and tuning. Incremental data transfer, MQ Series enablement, and synchronization of data between VSAM on z/VSE and DB2 UDB on Linux are only a few of the functions that can be used to leverage and modernize your core z/VSE applications.

- U4 **Security and Audit concerns for zVSE user** Moderator: Ellen Alexander  
Speaker: Eric Vaughan, illustro

IT has reached a critical mass of concern for data security, auditability and compliance with regulations. Accordingly, the z/VSE data center needs to be well positioned to ensure it remains competitive and capable.

This session will explain some of the challenges, including specific regulations and concerns including Sarbanes-Oxley, HIPAA, GLBA and others, and then discuss what kinds of alternatives are available for the z/VSE environment.

- V1 **“New Strategies for Cost Effective Data Center Management”**.  
Speaker: Gary M. Dennis, President & CEO of Mantissa Corporation, of Birmingham, Alabama.

Gary will introduce the new OPS/Master PLUS product family available for VSE environments. OPS/Master PLUS will provide extensive operations tools for the VSE and other platform environments. Breaking traditional software pricing structure, OPS/Master PLUS will offer new financial terms positioning it as the low-cost leader in VSE data center management. Live

# WAVV Agenda

Green Bay WI

May 18 – 22, 2007

demonstrations of OPS/Master PLUS and Mantissa's other software products will be available at the Mantissa booth in the exhibitors hall.

## **Saturday 3:00 PM**

### **U1 z/VSE Version 4 featuring Midrange Workload License Charge (MWLC) software pricing for IBM System z9**

Speaker: Dr. Klaus Goebel, IBM

Moderator: Tony Thigpen

On March 16, 2007, IBM delivered z/VSE V4.1, a 64-bit enabled, z/Architecture version of z/VSE. IBM also introduced a new software pricing metric known as MWLC. MWLC offers both full-capacity and sub-capacity options. MWLC applies only to z/VSE V4 and 12 key VSE-related IBM middleware software products running on IBM System z9 Business Class (z9 BC) or z9 Enterprise Class (z9 EC) servers. MWLC software pricing offers excellent value for customers. Together, the z/VSE V4.1 and MWLC announcements represent a major revitalization of z/VSE by IBM in 2007. This session provides a "deep dive" into implementation details and customer advantages of this new software pricing metric. It is designed to help customers understand:

- MWLC full-capacity and sub-capacity modes
- MWLC terms and conditions, implementation, and processes
- Benefits of MWLC for customers considering z/VSE V4 and z9 BC or z9 EC servers

### **U2 NEW VSAM Tools**

Speaker: Stev Glodowski, IBM

Moderator: Juan Alegria

In the last years we have developed several new VSAM Tools to help customers analyze their VSAM data, index & catalog structure to identify potential threats like overlapping/invalid extents, defective index structures, capacity issues and limitations, incorrect catalog-space-map entries and much more.

All of those analysis functionality is included in our "Multi Instant Logic Analyzer4VSAM" (MILA) to help customers finding inconsistencies in VSAM before they become a problem and even making suggestions how to prevent such situations in the future. MILA has access to the VSE system using the z/VSE Connectors to collect all information necessary for analysis instantly and direct.

### **U3 Virtualization Basics**

Speaker: Bill Bitner, IBM

Moderator: Steven Southerland

The latest buzzword in the industry seems to be "virtualization". As we have learned over the years, one needs to be careful with buzzwords. This presentation will not cover all the possible definitions for virtualization, but it will give you a strong understanding of what virtualization means in the context of the z/VM operating system. With this information in hand, you will be able to compare and contrast IBM's virtualization offerings on System z with what others are calling virtualization. Key topics covered in this presentation include: the virtual machine model, the key components of z/VM, the role of the SIE instruction, and the virtualization and management of various resources (processor, memory, I/O).

### **U4 Porting OpenSolaris to zSeries: A Long Way Home**

Moderator Rick Smrcina

U1 – Ballroom B-1&2

U3 – Ballroom A-1

V1 – Ballroom A-3

WAVV

U2 – Ballroom B-3

U4 – Ballroom A-2

V2 – Ballroom A-4

Page 5

# WAVV Agenda

Green Bay WI

May 18 – 22, 2007

Speaker: David Boyes, Sine Nomine Associates

What was involved in getting Solaris running on zSeries? What does it take to make a new operating system available on zSeries? Come hear about the adventures in coding involved in bringing another popular OS to the zSeries platform.

## V1 “Meet Fillmore’s Flipper: IBM’s New (and affordable) SMB Data Warehouse”

Why should only the big companies get to take advantage of the benefits of having a data warehouse – business intelligence, data mining, on demand reporting? IBM recently released three new DB2 Data Warehouse offerings aimed at delivering a flexible, scalable data warehouse solution for dynamic warehousing to mid-sized organizations. And it’s affordable – starting as low as \$10K. In this session Frank Fillmore will introduce the new DW options and demo his Data Warehouse, “Flipper”.

## Saturday 4:15 PM

U1 **z/VSE Performance Update**  
Speaker: Ingo Franzki, IBM

Moderator: Gale Peterson

This session will share the latest on z/VSE V4 performance. This information may be useful in managing your own overall performance, including distributed environments. For example, how does z/VSE V4 compare with prior versions/releases of VSE? What are the performance implications of z/VSE and Linux mainframe environments? What about 64 bit and SCSI?

U2 **CICS/TS Storage and Performance Tuning - Part 1**  
Speaker: Eugene Hudders, C\Trek Corporation

Moderator: Karl DeVore

The presentation covers performance areas for CICS/TS. The main objective is to discuss areas that can improve response time, reduce CPU and storage (real and virtual) requirements. VSAM LSR and NSR tuning are reviewed as these present a major tuning opportunity. Finally, important SIT parameters that can affect performance are also reviewed. Part two of this presentation will follow immediately in the next session at 5:30.

U3 **Introduction to the IBM Systems Storage DS6000**  
Speaker: Steve Wilkins, IBM

Moderator: Steven Southerland

This presentation brings you up to date on the IBM Systems Storage DS6000, an affordable storage solution specifically designed to help medium and large enterprises simplify their storage infrastructures, support business continuity, and optimize information life cycle management. The DS6000 provides both SCSI and FICON attachment, enabling it to serve the needs of your z/OS, z/VSE, z/VM and Linux operating systems.

U4 **Linux Systems Management for the Mainframe Systems Programmer – Part 1**

Speaker: Mark Post, Novell

Moderator: Jeff Barnard

# WAVV Agenda

Green Bay WI

May 18 – 22, 2007

More and more, mainframe systems programmers are being asked to install and manage Linux/390. They have years of experience in installing and managing 'traditional' IBM mainframe operating systems such as MVS and VM, but they don't know where to start with Linux for S/390. Installation is covered by other sessions, so this one will concentrate instead on 'translating' typical system management tasks to the Linux for S/390 environment by comparing and contrasting the familiar with the new.

## Saturday 5:30 PM

### U1 **Run your Legacy VM and VSE Applications using DB2 for z/Linux:**

Speaker: Frank Fillmore

Moderator: Billy Bingham

Many VSE and VM shops have thousands of legacy programs comprising years of tested and reliable business logic. Data might be locked up in VSE/VSAM files. Or it might be stored in DB2 Server for VSE&VM which has limited features and functionality. Learn how to store your enterprise data in DB2 Universal Database on z/Linux, but continue to run your legacy applications without modifications. Build new web-friendly applications while preserving your investment in existing programming.

### U2 **CICS/TS Storage and Performance Tuning - Part 2**

Speaker: Eugene Hudders, C\Trek Corporation

Moderator: Karl DeVore

This is part two, of a two-part session that began at 4:15. See that abstract for more details on session content. Even if you were unable to attend Part 1 due to a conflict, feel free to attend Part 2 as Gene's presentations contain a wealth of information.

### U3 **Wellness and VSE - how to improve the health of your VSE system**

Speaker: Gerhard Zierl, IBM

Moderator: Gil Porter

Never touch a running system! - Is this really a good strategy? Even with no intentional changes applied to your system your system changes constantly. Your files will grow, your workload may go up, even your application programs are being changed, there is even more ..... This means that new problems could surface unexpectedly and suddenly which you hadn't seen before, In many cases there are fixes available already and by regular maintenance your system will reward you with lasting health, robustness, and strength - resulting in less downtime, unplanned outages, and unpleasant surprises. This session covers the concepts of preventive and corrective service, and how you can make the best use of them to develop a preventive maintenance strategy which works for your shop. The FSU, RSL (Recommended Service Level), PSB-Bucket, etc.. concept will be covered in detail.

### U4 **Linux Systems Management for the Mainframe Systems Programmer – Part 2**

Speaker: Mark Post, Novell

Moderator: Jeff Barnard

More and more, mainframe systems programmers are being asked to install and manage Linux/390. They have years of experience in installing and managing 'traditional' IBM mainframe operating systems such as MVS and VM, but they don't know where to start with Linux for S/390.

# WAVV Agenda

Green Bay WI

May 18 – 22, 2007

Installation is covered by other sessions, so this one will concentrate instead on 'translating' typical system management tasks to the Linux for S/390 environment by comparing and contrasting the familiar with the new.

## K1 Lobby South

07:00 PM – 11:00 PM

*Splash*

**Special People Love a Special Happening.**

Food, drinks and especially interesting conversations. Come early, stay late, ask questions, get answers, give opinions, but do not miss SPLASH.

## **Sunday May 20, 2007**

### Room Registration

07:30 AM – 5:00 PM

Registration

Convention Center Lobby

### Sunday 7:00 AM

V1 **Prayer and Praise**

A special non-denominational celebration on Sunday morning.

### Sunday 8:00 AM

U1 **What is PNET?**

Speaker: Ken Meyer

Moderator: Tony Thigpen

This session will explain why you would want to use PNET and how its use can improve access to your POWER data while experiencing gains in the performance of your VSE systems. Once inspired by the possibilities, you can then attend the following session which will tell you how you can take advantage of PNET in your environment.

U2 **DB2/UDB Performance**

Speaker: Frank Fillmore

Moderator: Gale Peterson

DB2 9 is IBM's flagship relational database and it runs on your zSeries hardware – but not under z/OS. DB2 9 on Linux for z/Series is a rich development platform supporting .NET, Visual Basic, Java, XML, Web Services - even COBOL batch and CICS applications running on VSE.

Configuration and tuning are a challenge because of the many tuning levers in DB2 and, if you're accessing DB2 on z/Linux from VSE or VM, differences in collating sequences (EBCDIC vs. ASCII). In this session we will review common tuning methodologies, tools, and wizards for both database administrators and application developers.

U3 **Approaches to Application Development for z/VSE**

Speaker: Wilhelm Mild, IBM

Moderator: Dave Stuart

U1 – Ballroom B-1&2

U3 – Ballroom A-1

V1 – Ballroom A-3

WAVV

U2 – Ballroom B-3

U4 – Ballroom A-2

V2 – Ballroom A-4

Page 8

# WAVV Agenda

## Green Bay WI

May 18 – 22, 2007

Modern development tools help increase productivity and lower error rate. What about the possibility of using them to develop and support applications for z/VSE? A variety of methods and tools will be shown in this presentation. What about developing based on a standard application design and a generation platform such as Eclipse? You may be surprised to find the range of possibilities for z/VSE.

- U4 **VSAM 2007 / New Features with z/VSE 4.1** Moderator: Billy Bingham  
Speaker: Stev Glodowski, IBM

The major development for VSAM in z/VSE 4.1 was the support for large 3390 ECKD disks. VSAM now supporting the full 3390 ECKD capacity. The new FATDASD support can be enabled while support for SMALL and BIGDASD still exists and is fully supported. Also some other features have been introduced in VSAM with z/VSE 4.1 e.g. to improve error handling.

### Sunday 9:15 AM

- U1 **How to setup POWER PNET and z/VM RSCS Networking** Moderator: Tony Thigpen  
Speaker: Jeffrey Barnard

Jeff Barnard will discuss how to setup an NJE POWER PNET/VM RSCS network using TCP/IP. The presentation will use real world examples you can use to setup your own NJE network.

- U2 **VSE Hot Topics** Moderator: James Moore  
Speaker: John Lawson, illustro

What are the "HOT" VSE Topics? When we say "hot", we mean the latest tips and techniques for improving performance and getting the most out of your VSE/ESA and z/VSE system. You will hear about some special tips to help performance on your system, commands to find out more about your system, some useful new functions in the latest releases of VSE/ESA and z/VSE that you may have missed, and more. p.s. Bring your own HOT tips to share!

- U3 **z/VM TCP/IP Configuration** Moderator: Steven Southerland  
Speaker: Miguel Delapaz, IBM

This presentation is an in depth look at configuration of the z/VM TCP/IP server. Basic and advanced configuration topics will be discussed, with an emphasis on practical examples. Topics such as elementary routing, network hardware, and security are discussed in as much depth as necessary to provide an understanding of how to configure them on the z/VM TCPIP server. Common configuration errors will also be addressed. While prior experience with z/VM TCP/IP is not necessary for attendees, some basic knowledge of z/VM minidisk structure is assumed.

- U4 **Linux Installation Planning** Moderator: Rich Smrcina  
Speaker: Mark Post, Novell

As with a lot of tasks, installing a Linux system can be pretty easy, once you know what you're doing. Stubbing your toes on all the gotchas along the way can be very frustrating. In this session, we'll be talking about the things you need to know and consider before you get started,

# WAVV Agenda

Green Bay WI

May 18 – 22, 2007

including:

- \* Deciding which architecture might be best for the applications you will be running
- \* Laying out the system structure
- \* Networking requirements for installation
- \* Preparing the installation media

And more.

## V1 “Changing the Way You See Things”

illustro Systems

Each year since the inception of WAVV, illustro presents a vendor session along with many other vendors at the WAVV conference. But illustro’s vendor session this year is different.

New product development is alive and well at illustro. At this session, illustro will announce a **brand new product** designed and written from the ground up for the VSE user, which will change the way you look at your system.

This is a revolutionary product that offers incredible value and function not available before to VSE users. Be among the first to see this exciting new technology.

For attendees of these sessions only, your name will be entered into a drawing for a free license for the new product---how’s that for extra value? Attend a session and go home with free, valuable software for your VSE system!

Hyperbole aside, we’ve never been more excited. And we think you’ll agree. Come join us!

## V2 “Entrée – Uncut and Unrated (24 x 7 Widescreen Version)”

Speaker: Tim Kessler, CSI

Join Tim Kessler of CSI International as he pulls back the covers on Entrée, the new Web-enabled Transaction Server from CSI International. See how Entrée can be used to rejuvenate existing applications and make them available to a wider base of users.

## Sunday 10:30 AM

### U1 VSAM Performance - Part 1 and Part 2

Moderator: Juan Alegria

Speaker: John Mycroft, CSI

These two sessions will examine some of the many components and options available with VSAM. Particular emphasis will be on optimizing VSAM performance (or, at least, making sure it doesn't run really badly). We will look at a number of common misconceptions and rummage around in the bowels of a few datasets. John will illustrate the session with real-life case studies (with the names changed to protect the innocent). The plan is for session 1 to cover the structure of VSAM files while session 2 will look more deeply into what can be done to optimise performance but, like all plans, that is likely to go

U1 – Ballroom B-1&2

U3 – Ballroom A-1

V1 – Ballroom A-3

WAVV

U2 – Ballroom B-3

U4 – Ballroom A-2

V2 – Ballroom A-4

Page 10

# WAVV Agenda

## Green Bay WI

May 18 – 22, 2007

astray and for the session to wander off a tangent (John promises not to show my family photos). So, even if you miss session 1, come along to session 2 as John's short-term memory isn't what it was and he may go over the same stuff twice.

If you're wondering if Gene Hudders CICS performance session is more relevant to you then it probably is.

U2 **CICSTS Hot Topics** Moderator: Ken Ripple  
Speaker: John Lawson, illustro

In this CICS TS "HOT" topics presentation, John will get us sizzling with the latest tips and techniques for managing, improving performance and getting the most out of your CICS TS system. You will hear about some special tips in handling resource definitions, monitoring performance and managing problems to help get the most out of your CICS TS system. Got a HOT tip of your own? Bring it along to this session and share!

U3 **CSI TCPIP Update** Moderator: Steve Dunnivant  
Speaker: Ed Franks, CSI

The long-awaited service level E for TCP/IP for VSE 1.5 is here. This session will address some of the many new features and functions now included with the product. Areas of interest include: increased security, customization of logging and console display, a new and improved FTP Daemon, additional email functionality, added PDF conversion capabilities, and an improved connection manager for faster and more reliable connections.

U4 **Using Hobbit to Monitor Networked Services** Moderator: Rich Smrcina  
Speaker: Richard Smrcina, VM Assist

Networked machines and services play an ever increasing role in the enterprise. The critical nature of uptime and service levels place an additional burden on the management of these systems. Learn how Hobbit, an open source network services monitor, can help to keep track of uptimes and service levels. We will also explore how network services monitoring goes far beyond a 'ping' test and how Hobbit can be used to watch various aspects of zSeries operating systems.

V1 **Introducing HFD Technologies and BrightUser SecurityAudit**

Today, most companies are faced with meeting new government regulations regarding the security and privacy of their organizations data. Most companies adopted a security solution in their mainframe environments such as **eTrust™ CA-Top Secret® Security** for VSE from CA to handle their mainframe access control issues.

However, with any security product it's quickly discovered that a voluminous amount of data is produced — yet pertinent information is not readily available. Most data would have to be analyzed manually by multiple individuals. Until now...

**BrightUser SecurityAudit** for the **windows desktop** will improve efficiency and lower the costs associated with regulatory compliance. Attend our session to find out how!

V2 **LRS – Output Management for VSE Applications**

U1 – Ballroom B-1&2

U3 – Ballroom A-1

V1 – Ballroom A-3

WAVV

U2 – Ballroom B-3

U4 – Ballroom A-2

V2 – Ballroom A-4

Page 11

# WAVV Agenda

Green Bay WI

May 18 – 22, 2007

Presenters: Greg Maynerich, LRS Marketing Representative  
Jim Corrigan, LRS Systems Engineer

The VPSX solution provides guaranteed delivery of business-critical application output. This robust, scalable print server leverages industry standards for document encryption, network device management and application integration. Add in the power of a document archiving system PageCenterX, and now you have a web-based document access, storage, and management system like no other. Don't settle for the basic local and SNA printing built into VSE or offloading your print to yet another hardware/software platform - See what VPSX can do for you!

## Sunday 11:45 AM

U1 **Network Performance Basics**  
Speaker: Jeffrey Barnard, BSI

Moderator: Jeffrey Barnard

Jeff Barnard will discuss the basics of Network performance with an eye for bottlenecks. What are the major network bottlenecks and what can you do about them?

U2 **Webifying VSE Applications**  
Speakers: Multiple Companies will present their products.

Moderator: Martin Trubner

“Tired of hearing your users complain about the outdated look of 3270 applications? Come to this lively session and hear multiple vendors tell you how you can bring your state-of-the-art mainframe up to speed with a today’s modern interfaces that all your users will love.”

U3 **z/VM Performance Introduction**  
Speaker: Bill Bitner, IBM

Moderator: Steven Southerland

Want to know everything there is to know about VM Performance? Well, I hope you won't be disappointed. We only have an hour in the session, so we cannot cover everything. However, you will learn the foundation and tools you need to tackle various performance problems. This presentation will cover configuration guidelines, monitoring, and tuning. Lots of pointers to additional information will be given so that you can learn even more on your own.

U4 **A z/VM and Linux DR Cookbook, Part 1**  
Speaker: David Boyes, Sine Nomine Associates

Moderator: Rich Smrcina

One Guy's Path from Bare Metal to Running System

Part 1: Preparing for a Disaster

Overall approach to DR; Preparing a 1 pack recovery system; Handy tools to augment DR management; SPXTAPE and friends; Dumping other volumes into a manageable package; Cranky observations on DR in general

# WAVV Agenda

## Green Bay WI

May 18 – 22, 2007

### V1 **z/VSE Version 4 featuring Midrange Workload License Charge (MWLC) software pricing for BM System z9**

Speaker: Dr. Klaus Goebel, IBM

(This is a repeat from Saturday at 3:00 PM)

On January 9, 2007, IBM announced z/VSE V4.1, a 64-bit enabled, z/Architecture version of z/VSE. IBM also announced (on January 9) a new software pricing metric known as MWLC. MWLC offers both full-capacity and sub-capacity options. MWLC applies only to z/VSE V4 and 12 key VSE-related IBM middleware software products running on IBM System z9 Business Class (z9 BC) or z9 Enterprise Class (z9 EC) servers. MWLC software pricing offers excellent value for customers. Together, the z/VSE V4.1 and MWLC announcements represent a major revitalization of z/VSE by IBM in 2007.

This session provides a "deep dive" into implementation details and customer advantages of this new software pricing metric. It is designed to help customers understand:

MWLC full-capacity and sub-capacity modes

MWLC terms and conditions, implementation, and processes

Benefits of MWLC for customers considering z/VSE V4 and z9 BC or z9 EC servers

### V2 **Proof is in the “putting” on System z Linux**

Mainline

Mainline Information Systems has been helping customer plan and migrate servers to System z linux for 4 years. We will share our experiences with planning Do's and Don'ts. We will explain sizing examples and what to watch out for when sizing. Then a tour through some of our customer implementation experiences. We will close with a real look at the new IBM "midrange" mainframe, the z9BC R07 - and why it's ideal for those small MIPs customers.

### **Sunday 12:45 PM**

**Lunch in Vendor Room**

### **Sunday 3:00 PM**

#### U1 **z/VSE Security Concepts and News - Auditing**

Moderator: Ellen Alexander

Speaker: Ingo Franzki, IBM

This session provides an introduction to the security concepts of z/VSE. It includes CICS and batch security, plus connector and network security. It will cover the standard RACROUTE interface, as well as z/VSE security concepts in an open and heterogeneous world where z/VSE may be connected to anyone and everyone. It will cover new security features first introduced in z/VSE V3.1.1, plus z/VSE V4 enhancements like the new auditing features.

#### U2 **Assembler Language Coding 102**

Moderator: Dave Stuart

Speaker: Pete Clark, CPR Systems

Expanding on the prior Assembler sessions that discussed basic assembler concepts and DTF's, we will begin to examine in depth the assembler instruction set. We will start with the most used instructions,

U1 – Ballroom B-1&2

U3 – Ballroom A-1

V1 – Ballroom A-3

WAVV

U2 – Ballroom B-3

U4 – Ballroom A-2

V2 – Ballroom A-4

Page 13

# WAVV Agenda

## Green Bay WI

May 18 – 22, 2007

moves compares, arithmetic operations, etc. In examining these instructions we will see that often an instruction can be used in a special way to accomplish something unique or unusual. This session will be continued at the next WAVV so that we can examine all the instructions.

U3 **BSI TCPIP Update** Moderator: Steve Dunnavant  
Speaker: Jeffrey Barnard

Jeff Barnard will discuss the latest updates to TCP/IP-TOOLS.

U4 **A z/VM and Linux DR Cookbook, Part 2** Moderator: James Moore  
Speaker: David Boyes, Sine Nomine Associates

Out of the Fire and Back to Cooking with Gas

Restoring the 1 pack system; Parallel restore process; Tape label management in raw CMS; Linux specific DR; Why DDR isn't your friend for Linux DR; Possible solutions

V1 **Cornerstone**

V2 **ZIP/VSE v5.x**  
Speaker: Justin Jones, Data 21

A technical overview of features and enhancements in the areas of data compression, data encryption, data delivery (Email, FTP, high-speed transfer), data conversion (e.g., Adobe PDF, .CSV), Spooler interfacing and document viewing/archiving.

### Sunday 4:15 PM

U1 **z/VSE Security Exploitation with Crypto Hardware** Moderator: Gil Porter  
Speaker: Ingo Franzki, IBM

This session will show how VSE security features like SSL (Secure Socket Layer) can be exploited. It contains step by step instructions on how to create keys and certificates for use with SSL. In addition, this session will describe z/VSE cryptographic capabilities, including Crypto Express2 and CP Assist for Cryptographic Function (CPACF). This session also covers z/VSE's support for the new TS1120 tape drive that provides drive based data encryption.

U2 **CICS/TS Problem Determination – Insights from CICS Level 2 Support Part 1**  
Speaker: Bob Sodan, IBM Moderator: Dave Stuart

Are you aware of the changes at the CICS LEVEL 2 Support Center? Do you have CICS/TS questions? Are you seeking more in depth information on debugging CICS/TS problems? In this two part presentation, Bob Sodan from IBM CICS Level 2 Support will be providing detailed information about the CICS LEVEL 2 Support Center changes and how it affects you. He will also provide information on known problem areas, trace settings and debugging steps for each of these areas. Topics to be

U1 – Ballroom B-1&2

U3 – Ballroom A-1

V1 – Ballroom A-3

WAVV

U2 – Ballroom B-3

U4 – Ballroom A-2

V2 – Ballroom A-4

Page 14

# WAVV Agenda

## Green Bay WI

May 18 – 22, 2007

included but not limited to are Storage Violations, Hangs, Loops, Abends and Waits. Additionally, you will learn about DFHPD410 dump formatter and CICS Level 2 recommended domain and trace selections for the various types of problems. Do not pass up this opportunity to take advantage of Bob's expertise! Part two of this presentation will follow immediately in the next session at 5:30 PM.

U3 **COBOL Dump Debugging** Moderator: John Mycroft  
Speaker: John Mycroft, CSI

In this session, John Mycroft takes a perfectly innocent COBOL program and kicks it while it's down. We'll find out not only how to find where a program crashed but what it was doing before it got to that point, what's in all its storage areas and how it got to where things went wrong. This is a two day dump debugging course boiled down into an hour. For those of you who went to last year's session, John has promised to use a more up to date compiler for the examples this year.

U4 **Building Robust scripts using bash 3.x – Part 1** Moderator: Rich Smrcina  
Speaker: Michael Potter, Replatform Technologies LLC

Bash (and scripting languages in general) act as the glue that hold other system components together. This presentation will focus on the underutilized features of bash that are critical to building production quality scripts.

Demos will show you how and why to turn these features on.

Much of the bash syntax is redundant; I will also explain which syntax to use and which syntax to avoid.

Knowledge of any of the common UNIX scripting languages will be sufficient to attend this meeting; Minimum requirements for attending this session is attending is an intro to shell scripting class or equivalent experience.

V1 **VSE2PDF: It's all about looking good to Management while cutting costs.**  
Speaker: Tony Thigpen, Thigpen Enterprises

During the last decade, Management has seen the "old mainframe" as a dinosaur that was draining revenues and that needed to be replaced. But after seeing the "server farms" drain even more money without providing the stability and speed of the mainframe, they are starting to look at the mainframe as a major asset to MIS. But, yet they see the dry, ugly reports being produced by the mainframe.

VSE2PDF can fix that problem while cutting costs. This session will give you information on how to get the Return On Investment you need while making a good impression with Management. In addition, part of this session will be an open discussion where you can ask "How to" and hear from other shops that are already using VSE2PDF. Current customers of VSE2PDF are invited to share the "kool" uses they have found for VSE2PDF. Recent updates to VSE2PDF will also be reviewed.

V2 **“Luminex’s Channel Gateway Enables Mainframe Data De-Duplication and Tapeless Backup!”**  
Speaker: Scott James, Director, Business Development

# WAVV Agenda

## Green Bay WI

May 18 – 22, 2007

Learn how mainframe customers utilize Luminex's Channel Gateway to achieve 20-to-1 or greater compression for efficient backup and cost-effective disaster recovery. Luminex's Channel Gateway products provide native FICON and ESCON mainframe tape connectivity for the data duplication technologies from leading vendors such as Data Domain to provide efficient, reliable tapeless mainframe backup. Full volume backups can be cost-effectively replicated to a remote location by using only a fraction of the bandwidth normally required, making tapeless backup an achievable reality.

Luminex will discuss how Shoden Data Systems, a customer and integrator of the combined solution, successfully deployed this innovative data de-duplication solution to solve real world mainframe customer data management issues at one of South Africa's largest retail firms. The Luminex-Data Domain solution allows weeks of worth of backups to be online for efficient and rapid access, while eliminating the need to manage and store physical tapes. We will present and review actual customer performance data from our installations. Visit Luminex in WAVV's Vendor Room and visit Luminex at [www.luminex.com](http://www.luminex.com) for more information about Luminex products and services.

### **Sunday 5:30 PM**

- U1 **Backup with Tivoli and Disaster Recovery for z/VSE** Moderator: Gil Porter  
Speaker: Wilhelm Mild, IBM

z/VSE supports the newest Storage devices, from disk to tape library. With the intelligent functions of the Storage Subsystems, intelligent configuration and operation can help increase the availability and security of enterprise data and processes across networks and regions. The cost and global business implications of long periods of unexpected downtime can be overwhelming. This session illustrates Disaster Recovery (DR) options for z/VSE and 'best practices' approaches used by real z/VSE customers. DR is a hot topic and is surprisingly effective and affordable for z/VSE.

- U2 **CICS/TS Problem Determination – Insights from CICS Level 2 Support Part 2**  
Speaker: Bob Sodan, IBM Moderator: Dave Stuart

This is part two, of a two-part session which began at 4:15 PM. See that abstract for more details on session content. Even if you were unable to attend Part 1 due to a conflict, feel free to attend Part 2 as Bob's presentations contain a wealth of information.

- U3 **Using z/VM in a SCSI Environment** Moderator: Steven Southerland  
Speaker: Steve Wilkins, IBM

This session will provide an overview of the z/VM new native support for SCSI disks and how it can be used to install, IPL, and run your z/VM system in a SCSI-only environment. z/VM supports SCSI FCP disk logical units (SCSI disks) for both system and guest use. Attend this presentation to hear the latest about z/VM SCSI support, including N Port ID Virtualization on the IBM System z9 and the recently announced IBM SAN Volume Controller (SVC) support.

- U4 **Building Robust scripts using bash 3.x – Part 2** Moderator: James Moore  
Speaker: Michael Potter, Replatform Technologies LLC

# WAVV Agenda

Green Bay WI

May 18 – 22, 2007

See Sunday at 4:15.

## V1 **Is your data secure? How we can help?**

Speakers: Tony Thigpen, Thigpen Enterprises  
Jeff Barnard, Barnard Software

During the over 3 years, TEI and BSI have been addressing your security needs. We have tools to secure your data on disk, data on tape and data leaving the shop via reports or data exchange files. Tools you may not even know you need. Don't wait until you are in the audit "hot seat" to know your available options for securing your data.

## V2 **“What's All the Buzz About Data-Miner?”**

Speaker: John Mycroft, CSI

If you haven't heard about Data-Miner yet...shame on you. See what customers of all sizes are raving about. Powerful file manipulation and report generation are just two of the Data-Miner functions that have customers drooling! Check out this session to see how CSI does it "Easier."

**Sunday 7:00 PM – 11:00 PM**

***Splash & Exhibits***

**Exhibit Hall C**

Special People Love a Special Happening. Food, drinks and especially interesting conversations. Come early, stay late, ask questions, get answers, give opinions, but do not miss SPLASH.

## **Monday May 21, 2007**

### **Room Registration**

**07:30 AM – 5:00 PM**

**Registration**

**Convention Center Lobby**

### **Monday 8:00 AM**

#### U1 **CICS User Experience and CICS Free-for-all**

Moderator: Karl DeVore

Open Forum, Speaker: Karl DeVore, Lake County, Illinois

Are you dragging your feet in moving CICS Transaction Server? This year we'll start off with a brief presentation describing a migration from CICS/VSE 2.3 to CICS/TS. We'll touch on moving from Macro to RDO, sharing a CSD with multiple CICS partitions supporting different configurations, and sizing considerations. Are you experiencing performance problems? What knobs do you turn to make your CICS sing? Ask the experts (your peers) as we shift into high gear with our 3rd annual CICS Free-for-all. Got a question - or - performance suggestion? Jot it down or share it with the group. First come, first served - regardless of CICS flavor!

#### U2 **User Experiences with z/VSE Connectors - VSAM Redirector with Capture Exit**

Speaker: Wilhelm Mild, IBM

Moderator: Dave Stuart

U1 – Ballroom B-1&2

U3 – Ballroom A-1

V1 – Ballroom A-3

WAVV

U2 – Ballroom B-3

U4 – Ballroom A-2

V2 – Ballroom A-4

Page 17

# WAVV Agenda

## Green Bay WI

May 18 – 22, 2007

Discover what you can make with the new function - and - it is working already in customers environments. Environments similar to yours can have implemented modern, mixed, hybrid business solutions involving z/VSE and other platforms. This session will describe actual, real-life scenarios and the steps taken to create solutions that exploit data interchange in a distributed environment. Development tools and transparent data access methods allow integration of z/VSE processes into the WebSphere architecture. Business Intelligence solutions and intelligent business architectures work with DB2 Server on z/VSE and DB2 UDB on Linux for System z, on the same mainframe.

U3 **Tivoli Storage Manager Implementation on Linux** Moderator: Steven Southerland  
Speaker: Laura Knapp, IBM

Tivoli Storage Manager is a known commodity on many platforms. As you continue your Linux rollouts find out what it takes to install TSM on Linux. Nuances regarding both Linux on distributed and System z systems will be covered.

U4 **TS1120 Encryption Overview** Moderator: Aubrey Hayes  
Speaker: Toy Phouybanhdyt, IBM

Learn the IBM TS1120 Tape Drive to address applications that need high capacity, fast access to data, or long term retention. Also examine the IBM TS1120 Tape Encryption offering to address data security. The IBM tape encryption methodology is discussed.

V1 **Application Modernization: Extend the investment in your VSE/VM based software assets by modernizing them for use in a Service Oriented Architecture and/or deployment on z/Linux.**

**Application Modernization** provides a proven path to allow organizations to re-use people, processes and technology as they seek to enhance existing application portfolios with reduced cost, and extend them to support the needs of the future with lowered risk and enhanced flexibility. Micro Focus offers industry-leading development environments for development of IBM Mainframe applications, supporting organizations with a strategic commitment to the mainframe, but who wish to enhance and extend existing systems to meet the demands of the business.

Industry strength technology for the assessment and execution of mainframe modernization projects, Revolve Enterprise Edition and Mainframe Express Enterprise Edition, allow organizations to directly tackle major business issues of operational efficiencies, governance and compliance, system consolidation and cost management, supporting not only tried and trusted mainframe systems such as COBOL, CICS and IMS, but also allowing a rapid deployment into SOA through WebSphere and J2EE.

### Monday 9:15 AM

U1 **TCPIP Perf. For TCPIP for VSE** Moderator: Gale Peterson  
Speaker: John Rankin, CSI

IBM provides TCP/IP for zOS, zVM, Linux and VSE/ESA. Although each offering from IBM provides a variety of complex features, TCP/IP on VSE/ESA encapsulates the widest range of options, features and controls specifically designed for the environment within which it runs.

U1 – Ballroom B-1&2

U3 – Ballroom A-1

V1 – Ballroom A-3

WAVV

U2 – Ballroom B-3

U4 – Ballroom A-2

V2 – Ballroom A-4

Page 18

# WAVV Agenda

Green Bay WI

May 18 – 22, 2007

U2 **z/VSE Health Checker**  
Speaker: Ingo Franzki, IBM

Moderator: Ellen Alexander

The innovative z/VSE Health Checker is a java-based system diagnosis tool. It collects relevant data from your z/VSE system, displays the data, and analyses it based on rules. It uses only VSE base functions such as console commands, jobs, CICS transactions, and members to collect the data. The presentation includes a live demo that illustrates how to adapt this diagnosis tool and its rules to get the best out of your own z/VSE system. The z/VSE Health Checker tool is available for download from the z/VSE web site at no additional charge.

U3 **z/VM Simplified Network Configuration**  
Speaker: Miguel Delapaz, IBM

Moderator: Steven Southerland

In this session we will cover two tools designed to make configuring z/VM TCP/IP easier. The IPWIZARD function that allows you to quickly and easily perform the base configuration as you initially try and get TCP/IP running. The IFCONFIG command allows you to quickly and easily add new connections to your running TCP/IP stack. These functions mean that you can get up and running quickly without have to learn the format of the z/VM TCP/IP configuration files. The IFCONFIG command allows you to display information about and make temporary dynamic changes to the TCP/IP configuration without stopping and restarting the TCPIP virtual machine. The command syntax is very similar to that of Linux, making skills more transferable.

U4 **Now that I have Linux what do I do with my JCL/JECL**  
Speaker: Michael Potter, Replatform Technologies LLC

Moderator: Rich Smrcina

Migrating applications from z/OS and z/VSE to Linux on System z and other UNIX like platforms involves many challenges. One of the challenges is what to do with the JCL.

JCL acts like the glue that binds the other tools together:

- \* Invoking batch programs
- \* Invoking DFSORT and other tools for sorting and manipulating sequential/ESDS files
- \* Pausing for operator input
- \* Creating, renaming, and deleting files
- \* Setting variables (DLBL) to allow varying filenames without changing batch programs
- \* Printing

bash scripting acts in the same role on UNIX like systems.

This presentation will cover bash options which must be used to ensure reliable scripts, basic bash syntax and the common elements of JCL and how those elements are converted to bash functions such as:

- \* Invoking a batch program (including specification of UPSI)

# WAVV Agenda

Green Bay WI

May 18 – 22, 2007

- \* Invoking tools to replace DFSORT
- \* Accepting input from the operator
- \* Using UNIX utilities to create, rename, and delete files
- \* Using bash environment variables as a replacement for DLBLs
- \* Converting batch program print output to postscript and \*.pdf files

## V1 “Changing the Way You See Things”

illustro Systems

Each year since the inception of WAVV, illustro presents a vendor session along with many other vendors at the WAVV conference. But illustro’s vendor session this year is different.

New product development is alive and well at illustro. At this session, illustro will announce a **brand new product** designed and written from the ground up for the VSE user, which will change the way you look at your system.

This is a revolutionary product that offers incredible value and function not available before to VSE users. Be among the first to see this exciting new technology.

For attendees of these sessions only, your name will be entered into a drawing for a free license for the new product---how’s that for extra value? Attend a session and go home with free, valuable software for your VSE system!

Hyperbole aside, we’ve never been more excited. And we think you’ll agree. Come join us!

## V2 **LRS – Output Management for VSE Applications**

Presenters: Greg Maynerich, LRS Marketing Representative  
Jim Corrigan, LRS Systems Engineer

The VPSX solution provides guaranteed delivery of business-critical application output. This robust, scalable print server leverages industry standards for document encryption, network device management and application integration. Add in the power of a document archiving system PageCenterX, and now you have a web-based document access, storage, and management system like no other. Don't settle for the basic local and SNA printing built into VSE or offloading your print to yet another hardware/software platform - See what VPSX can do for you!

## Monday 10:30 AM

### U1 **Real World Disaster Recovery - The Good, the Bad and the Ugly.**

Speaker: Charles Rice

Moderator: Gil Porter

In July 2004 Carolina Steel had a fire from a lightning strike that caused damage to the data center. Charles Rice will relive some of the first hand experiences of getting through a disaster of this nature. If you are involved with the disaster recovery plan for your company, this session will provide some insight to help with that plan.

# WAVV Agenda

## Green Bay WI

May 18 – 22, 2007

### U2 **SOA and z/VSE: Implementing SOA using Web Services and Tools.**

Speaker: Wilhelm Mild, IBM

Moderator: Ken Ripple

Service Oriented Architecture (SOA) is the concept for new modern solutions and VSE can be part of it. We'll see how the concepts of SOA can be used to generate Web Services from existing CICS Applications and the tool that brings SOA close to VSE. The CICS2WS Toolkit is a "no charge" development tool that reads WSDL files and Copybooks, and enables VSE to act as a Web Service provider (server) and as a Web Service requestor (client) in an SOA environment.

### U3 **OMEGAMON XE for z/VM and Linux**

Speaker: Laura Knapp, IBM

Moderator: Steven Southerland

In December we announced and began shipping our major overhaul of OMEGAMON support for z/VM and Linux. Learn about what monitoring can provide you in understanding the health and wealth of your systems.

### U4 **VSAM Performance - Part 2**

Speaker: John Mycroft, CSI

Moderator: Juan Alegria

See Sunday at 10:30.

### V1 **Security and Audit: It's Better to Know**

illustro Systems International –

Security and audit concerns are just as important to the VSE user as any other platform. At this illustro session, come see an exciting new product from illustro Systems which delivers the ability to capture 100% of any screen activity in your system, either 3270 or 5250, by using a completely contained, non-invasive, network appliance, called the iKnow™ with IntellinX technology. With iKnow, you can automatically log all screen activity from mainframe or iSeries (AS/400 systems), and store the data in a fully searchable database for audit and review. You can even set alerts and be notified proactively if something is being accessed out of line with corporate policy. All without touching any aspect of your mainframe operation.

### V2 **BSI Tuning/Performance Discussion**

Speaker: Jeff Barnard

Bring your questions and issues to the discussion. Stump Jeff and win a prize! Performance, tuning, network, software, hardware, crypto, TCP/IP, DASD, caching, you name it and we will discuss it.

## Monday 11:45 AM

### U1 **VSE/POWER - A review of what's new since VSE/ESA V2.5**

Speaker: Steve Gracin, IBM

Moderator: Gil Porter

U1 – Ballroom B-1&2

U3 – Ballroom A-1

V1 – Ballroom A-3

WAVV

U2 – Ballroom B-3

U4 – Ballroom A-2

V2 – Ballroom A-4

Page 21

# WAVV Agenda

## Green Bay WI

May 18 – 22, 2007

With each new VSE release, VSE/POWER has introduced new features that make it a more flexible and robust spooler. New capabilities include TCP/IP and SSL for Power Networking, new and changed commands for viewing the queues, and the ability to increase the Queue and data file during a warm start. Learn what the addition of a DEL queue and a CRE queue have done for VSE/POWER in z/VSE V4.1.

### U2 CICS Web Applications

Moderator: Karl DeVore

Speaker: Martin Trubner

Martin is actively writing web-aware CICS/TS programs. He will talk about interfacing these new applications with existing programs. He will focus on isolated problems encountered and will provide single solutions developed, without forcing an overall (magic) solution. Martin will show you how to create a gourmet meal, with just the base-product and the free extra ingredients that can be found in every kitchen.

This session is a must if you are considering or attending other Green Screen Application Integration sessions at WAVV. It will further assist you in assessing the true needs of your shop, and whether your needs are best suited with a gourmet meal prepared at home or a meal catered in by a vendor.

### U3 SNA Modernization: Preserving the Best, Transitioning the Rest

Speaker: Erika Lewis, IBM

Moderator: Debbie Henderson

Is SNA still strategic or is it time to rewrite SNA applications to IP? What are the real objectives of modernizing the SNA environment? These are the questions that will be answered in this session. A key objective of IBM's mainframe technology has always been protecting the investment in application software, including SNA-based applications. Modernizing an SNA solution is not about rewriting or discarding SNA applications. It is about allowing continued use of those applications for as long as they remain valuable business assets, while at the same time reducing the cost of maintaining and operating an aging SNA infrastructure. One main aspect of SNA modernization is transporting wide-area SNA application-level traffic over a common IP wide area network, consolidating the SNA network-level traffic to the data center or, ultimately, to the System z platform itself. A second aspect of SNA modernization is modernizing and transforming access to existing applications. This includes improving the user experience when accessing SNA applications and exposing those applications as Web services. This session will clarify the objectives of SNA modernization and introduce technologies, including new products for Linux on System z, that can help you achieve those objectives.

### U4 Selecting a Linux Distribution

Moderator: Rich Smrcina

Speaker: Mark Post, Novell

One of the more common questions people ask about Linux is 'what is the best Linux distribution?' The answer they get from nearly everyone is usually something along the lines of 'use what I like to use this week.'

With nearly 400 Linux distributions being tracked on DistroWatch, and more being created all the time, selecting a distribution can be a confusing and daunting task. In this session, we'll talk about how you

# WAVV Agenda

## Green Bay WI

May 18 – 22, 2007

might want to go about selecting a distribution, particularly if it will be used in a business setting, and not just personally.

### V1 **Migrating from VSE to z/OS with the Mass Conversion Approach**

Convtek

Unlike a progressive conversion in which VSE application kernels are migrated one at a time to the z/OS target environment, a mass conversion results in a single weekend switchover of the entire VSE application portfolio to z/OS operations. With this approach, there is no dealing with the division of application portfolios over dual production environments, and there is no need to freeze, track, or duplicate VSE application changes applied during the conversion. In addition, the high degree of automation yields deliverables of reliable quality, shorter timeframes, and lower labor requirements. The main topics of this presentation will include:

- Z/OS migration justification
- z/OS migration subprojects
- Migration project needs and requirements
- Scope of work and challenges
- Mass conversion approach: from highlights to details
- Migration project phases
- Mass conversion software
- Standards and naming conventions
- Conversion team and responsibilities
- Key benefits of this approach

### V2 **HostBridge: Complete CICS Integration for VSE business applications**

This session overviews HostBridge™, mainframe software to integrate CICS transactions, programs, and data with any other application. HostBridge XML-enables CICS applications without the need to modify the mainframe application and with ‘no screen scraping’. HostBridge allows you to transform existing business systems into Web Services, integrate them with new business processes, or make them easily accessible to your partners’ networks.

The session will cover:

- Accessing CICS transactions and programs using HostBridge;
- HostBridge direct support of Advantage™ CA-Ideal® for CA-Datcom, using field names from panel definitions rather than screen row/column coordinates;
- HostBridge transaction automation, to invoke multiple CICS transactions and return the aggregated results as one XML document;
- VSAMDirect™, to XML-enable VSAM databases and perform filtered searching, partial record updating, and reading multiple records at once; and
- BatchCICS-Connect™, which allows 24/7 execution of CICS applications (and interpretation of results) from a batch program.

# WAVV Agenda

Green Bay WI

May 18 – 22, 2007

## Monday 12:45 PM

Lunch in Vendor Room

## Monday 3:00 PM

### U1 VSE Internals

Moderator: Tony Thigpen

Speaker: Ken Meyer

From the early days of DOS to the ultramodern Z architecture, VSE has survived and helped many companies run their businesses in a simple cost effective manner. Over the years, day to day matters and dealing with new acronyms by the thousands have resulted in loss of contact with the operating system and its elegance. If you like to know how things work, this session will attempt to answer your questions and help you once again get in contact with your inquisitive nature. Rather than a standard reading of foils, this will be a free flowing exploration into the wonderful world of VSE, so who knows where you will end up by the end of this session?

### U2 Connectors & DB2 Workshop

Moderator: Dave Stuart

Speakers: Wilhelm Mild, IBM and Ingo Franzki, IBM

Installation and implementation of Java-based Connectors and VSAM Redirector will be the focus in this workshop. Java-based connectors can be used to remotely access VSAM data and other VSE resources. The VSAM Redirector enables you to transparently access data on a remote system from your core VSE/VSAM applications. We will show you step-by-step the setup and customization of these powerful and flexible connectors.

### U3 Virtual Networking with z/VM

Moderator: Steven Southerland

Speaker: Alan Altmark

Did you know that you can create virtual LAN segments that connect your z/VM guests together without the need for all those messy point-to-point connections? And did you know you can bridge those LAN segments to your external LANs without creating new subnets? Come to this session to hear the latest on how, and when, to use z/VM Guest LANs and the z/VM Virtual Switch. We'll also talk about z/VM's support for IEEE Virtual LANs (VLANs).

### U4 Communication Controller for Linux on System z Overview

Moderator: Jeff Barnard

Speaker: Erika Lewis, IBM

Marketing of 374x Communication Controller hardware was discontinued in 2002. What to do? The Communication Controller for Linux on System z (CCL) is the next generation Communication Controller, but with a twist. A key aspect of modernizing your SNA environment is removing dependencies on SNA-dedicated hardware (see SNA Modernization session). This newest Communication Controller is actually a 3745 emulator that runs in System z Linux. With this straightforward migration solution, you continue running NCP software. Those connected to NCP today, such as VTAM and SNI partners, still connect to NCP after migration. This session will review the details of the CCL product and examine considerations when moving your NCP function from a real 374x to the CCL platform.

U1 – Ballroom B-1&2

U3 – Ballroom A-1

V1 – Ballroom A-3

WAVV

U2 – Ballroom B-3

U4 – Ballroom A-2

V2 – Ballroom A-4

Page 24

# WAVV Agenda

Green Bay WI

May 18 – 22, 2007

## V1 ViaSQL Redirector

Demonstration and discussion of ViaSQL Redirector, the newest feature in of the ViaSQL product line for VSE. ViaSQL Redirector exploits Viaserv's proven CSA technology to enable VSE applications to access RDBMS data and services using the VSAM API.

Does your VSE system suffer from "tunnel vision" when viewing your organization's data landscape? Does your organization have important data currently residing in Oracle that your VSE applications can't access? in MySQL? in Microsoft SQL Server or Access? in other remote RDBMS's? With ViaSQL Redirector, expanding VSE's field of vision for enterprise data is emphasized over VSAM transparency. It provides broader access to data and processes residing on the RDBMS, and significantly reduces changes required to the RDBMS for its operation.

The demonstration will show use of the ViaSQL Redirector Mapping Tool and accessing existing tables and services on a number of RDBMS systems using ViaSQL Redirector. Join us to see how ViaSQL Redirector can improve the peripheral vision of your VSE system and raise VSE's strategic position in your organization.

## V2 "CSI Green Bay"

Moderated by Jon Henderson, CSI

How often do you get the opportunity to meet with the Executive Management Team of one of your strategic vendors?

Even if you did meet with them, would they understand your needs and issues?

CSI Founder and CEO John Rankin and his management team will be available to share information and answer questions on issues that are important to you!

## Monday 4:15 PM

### U1 VSE Tuning and Performance Methodology Part 1

Moderator: Ken Meyer

Speakers: Pete Clark, CPR Systems

John Mycroft, CSI

Ken Meyer, CSI

Speakers, Pete Clark of CPR Systems , John Mycroft and Ken Meyer of CSI will individually share with audience their unique perspective on tuning methodology as it applies to VSE. Since the three guest speakers come from differing VSE backgrounds and experiences this session will probably raise as many questions as it does answers. Additionally attendees will be treated to a lively discussion among the presenters and the audience as differing opinions will certainly be an integral part of these 2 sessions.

3 very experienced people share their ideas about methodology -- sometimes we'll be pointing out low hanging fruit for you to pick -- sometimes we'll be showing you how to identify where your system

U1 – Ballroom B-1&2

U3 – Ballroom A-1

V1 – Ballroom A-3

WAVV

U2 – Ballroom B-3

U4 – Ballroom A-2

V2 – Ballroom A-4

Page 25

# WAVV Agenda

## Green Bay WI

May 18 – 22, 2007

bottleneck might be right now -- and other times we'll just tell you to change things after you make some measurements.

Back to Back Lively VSE discussion how can one top that?

- U2 **SOA & CICS Workshop** Moderator: Dave Stuart  
Speakers: Wilhelm Mild, IBM and Ingo Franzki, IBM

Installation/implementation of CICS remote access is the focus in this workshop. You'll see how you can access CICS applications and data from remote systems using CICS Web Support, IBM CICS Transaction Gateway and WebServices (SOAP). We will show you how to set up both your z/VSE system and workstation environment for this access.

- U3 **Assembler Language 201** Moderator: Gil Porter  
Speaker: Martin Treubner

We will focus on converting an Assembler program to relative and immediate instructions. The effect on the program is to reduce the size (storage required) and to reduce the number of registers necessary for base/displacement storage addressing. With the latest z/VSE program storage may not be quite as big a concern, the number of registers available for program addressability is still the same and by reducing the program size, we conserve, library space, main memory space and base registers.

Actual case study production programs will be used as examples.

- U4 **NJE on Linux:** Moderator: Rich Smrcina  
Speaker: David Boyes, Sine Nomine Associates

Integrating Linux into the Mainframe Management World

Got a perfectly good system automation solution for your classic mainframe world, but need to bring Linux into the fold? Come look at why another decades-old technology has a new lease on life in integrating Linux into existing system automation, job management, and other operations management tasks and tools.

### Monday 5:30 PM

- U1 **VSE Tuning and Performance Methodology Part 2** Moderator: Ken Meyer  
Speakers: **Pete Clark, CPR Systems**  
**John Mycroft, CSI**  
**Ken Meyer, CSI**

This is part two of a two-part session. The first part began at 4:15. See the abstract there for details.

- U2 **EZA Sockets Programming Part 1** Moderator: Tony Thigpen  
Speaker: Tony Thigpen, TEI

# WAVV Agenda

## Green Bay WI

May 18 – 22, 2007

An introduction to TCP/IP programming for the COBOL programmer. In part 1, we will define a "simple client" program and cover the basic TCP/IP programming calls used to write one.

### U3 **A Beginner's Guide to Measuring and Understanding z/VM Guest Performance**

Speaker: Chuck Morse, IBM

Moderator: Aubrey Hayes

Whether performance is good or bad, it is important that installations running Linux under z/VM understand the key factors that influence the performance of guests on a z/VM System. This presentation will look at the key resources (storage, processor and I/O) and illustrate, using the Performance Toolkit

### U4 **VM Parallel Access Volume (PAV) and HyperPAV Support**

Speaker: Steve Wilkins, IBM

Moderator: Steven Southerland

This presentation covers details of the PAV minidisk support delivered on z/VM 5.2.0 via APAR VM63952. APAR VM63952 provides Parallel Access Volumes (PAVs) as minidisks for guest operating systems, such as z/OS, that exploit the PAV architecture. The APAR also provides the potential benefit of PAVs for I/O issued to minidisks owned or shared by guests that do not support exploitation of PAVs, such as CMS.

In addition, this presentation covers details of the VM HyperPAV support for the IBM System Storage DS8000 series announced for z/VM 5.3.0. The HyperPAV function potentially reduces the number of alias device addresses needed for parallel I/O operations since HyperPAVs are dynamically bound to a base device on each I/O operation instead of statically like with basic PAVs. z/VM 5.3.0 provides support of HyperPAV volumes as linkable minidisks for guest operating systems that exploit the HyperPAV architecture. z/VM 5.3.0 is also designed to transparently provide the potential benefits of HyperPAV volumes for minidisks owned or shared by guests that do not specifically exploit HyperPAVs.

### V1 **z/VSE Birds-of-a Feather**

Speakers: IBM Boeblingen z/VSE Team

This is an open discussion with the IBM Boeblingen z/VSE team. There will be no prepared presentation. Please bring your own questions and thoughts on the present, future, directions, priorities, concerns, etc. Let us know what we're doing right as well as what we are doing wrong. Both compliments and criticism will be accepted. This is your session.

## **KI Lobby South**

**Monday 07:00 PM – 11:00 PM**

***Splash***

**Special People Love a Special Happening.**

Food, drinks and especially interesting conversations. Come early, stay late, ask questions, get answers, give opinions, but do not miss SPLASH.

## **Tuesday May 22, 2007**

### **Tuesday 8:00 AM**

U1 – Ballroom B-1&2

U3 – Ballroom A-1

V1 – Ballroom A-3

WAVV

U2 – Ballroom B-3

U4 – Ballroom A-2

V2 – Ballroom A-4

Page 27



# WAVV Agenda

## Green Bay WI

May 18 – 22, 2007

Gil and Pete will be discussing and showing coding examples of how you can enhance and tailor the zVSE and VSE/ESA system console. Specifically how to add company ID and PF Keys 13 thru 24 to your system console.

Enhancing the console will improve operations ease of use, speed and accuracy. This a technical session where exposure to normal Assembler coding techniques would be plus, but the downloadable examples anyone should be able to do this.

### U3 **z/VM Security and Integrity**

Moderator: Steven Southerland

Speaker: Alan Altmark, IBM

IBM System z customers are familiar with the isolation, security, and integrity features that the hardware provides. However, many customers using z/VM for the first time are new to the world of Virtualization and seek reassurance not only that multiple virtual servers can share hardware resources efficiently, but that they run in a secure environment and comply with organizational IT security policies.

This presentation is an overview of the security and integrity characteristics of the z/VM operating system. We will discuss how it works, auditing, and some of the knobs and levers available to control the environment, as well as customer responsibilities and IBM commitments. Come to this presentation to hear about the Common Criteria and the security-related enhancements introduced in z/VM V5.3.

### U4 **sudo: Beginner to Expert in One Hour**

Moderator Jeff Barnard

Speaker: Michael Potter, Replatform Technologies LLC

sudo is a security tool that comes pre-installed on many \*NIX systems, including mac os x, and most distributions of Linux. sudo allows for fine grained control of privileges as an alternative to setuid programs & scripts, turning on read & write privileges on sensitive files, sharing passwords, and (gasp) giving out the root password.

This presentation will begin with a quick demo for those of you who are unfamiliar with sudo. The complete syntax of the configuration file will be explained starting with the simplest rules to the most complex. Finishing with a discussion of recipes to solve real world problems.

## **Tuesday 10:30 AM**

### U1 **WAVV Requirements Processing**

Moderator: Karl DeVore

Change the future, become a force to be reckoned with, submit a requirement. Do not just sit there participate. The WAVV Requirement process is initiated by the user submission of a requirement. The requirement is reviewed by this session, discussed, voted on and then submitted to the product vendor. This has to be one of the more valuable sessions at WAVV.

WAVV accepts requirements against all products and vendors.

# WAVV Agenda

Green Bay WI

May 18 – 22, 2007

## Tuesday 11:45 AM

U1 WAVV Free-for-All

Moderators: Pete Clark and Charles Rice

The final session for WAVV. It is fitting that it is the Free for All. Great questions and answers from knowledgeable users and vendors. This session will go until there are no more questions or answers.

# WAVV Agenda

Green Bay WI

May 18 – 22, 2007

## Notes

# WAVV Agenda

Green Bay WI

May 18 – 22, 2007

## Notes