

# WAVV Agenda

Covington KY

April 13 – 17, 2012

## Friday April 13, 2012

### Attendee Registration

02:00 PM – 9:00 PM Registration

Meeting Room 1

06:00 PM – 6:45 PM

WAVV Committee

Embassy Suites

All WAVV Committee Members please attend.

### Embassy Suites

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 April 14, 2012

**All meetings, not marked otherwise, will be in the Convention Center**

### Attendee Registration

07:30 AM – 7:00 PM Registration

Meeting Room 1

### 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 this first session.

### Saturday 9:00 AM

**U1 IBM Update** Moderators: Pete Clark, Charles Rice  
Speakers: Klaus Goebel, Siegfried Langer, Brian Hugenbruch  
A brief update on what's new with z/VSE, z/VM, Linux on System z, and IBM System z servers and related news since WAVV 2011.

**U3 Spouse Meet and Greet** Moderators: Ron Campbell, Pete Clark  
A session for attendee Spouses. to meet, exchange ideas and become familiar with WAVV and the host city.

### Saturday 10:30 AM

**U1 z/VSE Trends & Directions** Speaker: Klaus Goebel Moderator:  
This session provides an overview of the latest announcements for z/VSE V5. We will review relevant changes and additions introduced since the last conference. We will cover z/VSE status, content, strategy, modernization, and the benefits of a hybrid environment incorporating the best of z/VSE and Linux on System z. The session also includes examples of customer success stories made possible by IBM's renewed emphasis on z/VSE and related solutions.

**U2 Linux on System z: Current & Future Technologies**

U1 – Ballroom E U2 – Meeting Room 2

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U4 – Meeting Room 4

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Speaker: Hans-Joachim Picht

Moderator:

This session will provide an overview of new features in Linux on System z that are currently under development by IBM and the open source community, and are expected to be provided with upcoming releases of Linux enterprise distributions. We will address both System z-specific features and some current platform-independent developments in Linux. The session will attempt to give an impression of how Linux development for System z works, and where we are heading. Beside this outlook, the latest features which were introduced with Red Hat Enterprise Linux Server 5.5 and SuSE Linux Enterprise Server 11 will be presented.

## U3 z/VM Platform Update

Speaker: Brian W. Hugenbruch (IBM)

Moderator:

z/VM Version 6 Release 2 became available on December 2, 2011 and introduced the next leap forward in z/VM virtualization. A new feature in z/VM 6.2 is the Single System Image (SSI) cluster feature, which allows up to four z/VM systems to be grouped together and used as a single system for workloads. SSI clusters provide the support for Live Guest Relocation (LGR) which allows you to move running Linux guests from one z/VM system to another. This session will cover SSI and LGR along with other changes in z/VM 6.2 and some discussion of futures for z/VM.

V1

V2

## Saturday 11:45 AM

### U1 z/VSE Update

Speaker: Ingolf Salm

Moderator:

This session covers news on z/VSE 4.3, the functional details of z/VSE 5.1 and latest news on z/VSE 5.1, such as a quick overview of the hardware (devices, processors) support, new recovery functions, 64 bit virtual and z/VSE's TCP/IP options.

### U2 Linux on System z product update

Speaker: Holger Smolinsky

Moderator:

What's new in Linux on System z, covering both, Red Hat and SuSE enhancements.

U3

V1

V2

## Saturday 12:45 PM

Lunch On Your Own

## Saturday 1:45 PM

### U1 z/VSE 5 User Experience

Speaker:

Moderator:

### U2 Creating Compelling Business Cases for Linux on System z with RACE

Speaker:

Moderator:

### U3 z/VM Single System Image and Live Guest Relocation Overview

Speaker: John Franciscovich (IBM)

Moderator:

z/VM 6.2, the newest release of z/VM, provides multi-system virtualization capability, allowing up to four instances of z/VM to collaborate as members of a Single System Image (SSI) cluster. In addition, Live Guest Relocation provides the ability to relocate running Linux guests from one member of a cluster to another. Come to this session for an overview of these exciting new capabilities in z/VM.

V1

V2

## Saturday 3:00 PM

### U1 z/VSE Performance Update (5.1 + 4.3)

Speaker: Ingo Franzki

Moderator: Billy Bingham

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This session will share the latest on z/VSE V5.1 and z/VSE 4.3 performance. The information presented here may be useful in managing your own overall performance, including distributed environments. For example, how does z/VSE V5.1 compare with prior versions/releases of z/VSE? What are the performance implications of z/VSE and Linux mainframe environments? What about new z/VSE V5.1 functions such as 64Bit support and z/VSE 4.3 functions such as GETVIS constrain relief, 4 Digit CUUs, 1MB frames, Queue-I/O assist, etc.?

## U2 **Picking the Best Linux Workload to Run on IBM zEnterprise System and zBX**

Speaker: Hans-Joachim Picht Moderator:

Presentation will outline the architecture behind Linux running on System z, and show which applications are BEST run on System z Linux, and why. Session will show which questions and approaches do work and give real customer examples that validate this approach. We will also cover applications which work extremely well on System z Linux and reasons why in a competitive situation System z Linux could be the better choice, and highlight some customer examples.

U3

V1

V2

## Saturday 4:15 PM

### U1 **Introduction to new Features in z/VSE Connectors** Speaker: Ingo Franzki Moderator:

This session provides an introduction into the newest features of the z/VSE Connectors in z/VSE V5.1 and V4.3. Besides the new z/VSE V5.1 and V4.3 features, this session will also highlight a few of the recent enhancements provided with in z/VSE V4.2 and older releases.

### U2 **Introduction to the new Linux on System z Terminal Server using IUCV**

Speaker: Hans-Joachim Picht Moderator:

How often have you reconfigured your network setup using a line-mode terminal? Can you use “ed” to change and correct your configuration files? Why not use your favorite full screen editor? IBM has introduced a new full-screen terminal access to Linux instances on the same z/VM system, using the Inter-User Communications Vehicle (IUCV). This feature is part the latest Enterprise Distributions for System z and provides an alternative terminal access to 3270 and 3215 line-mode terminals, especially for the Linux system administrator with basic z/VM skills only. Another use case is the system administration in a tight security environment, where sensitive Linux instances are isolated from the local IP networks. You will learn how to set up a Linux instance as a terminal server for a virtual Linux server farm on z/VM.

### U3 **Planning and Migrating to z/VM Single System Image**

Speaker: John Franciscovich (IBM) Moderator:

Have you heard about the new support for Single System Image (SSI) clusters and Live Guest Relocation that is available with z/VM 6.2? If so, then you probably have questions, such as "How do I set up a z/VM SSI cluster?" and "How do I get from my current z/VM environment to a cluster?" This session will cover planning considerations for installing z/VM 6.2 and setting up your SSI cluster as well as converting existing z/VM environments to an SSI cluster.

V1

V2

## Saturday 5:30 PM

### U1 **CICS/TS – resolving issues and getting results with Level 2 CICS Support**

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Speaker: Bob Sodan, IBM Level 2 CICS Support Moderator: Karl DeVore  
Bob Sodan from the CICS Level 2 Support Center will begin by reviewing the First Gather Internet site for reporting problems along with the required information to ensure that the correct documentation is received the first time. He will discuss some of the common “gotchas” and will open up the presentation to interactive questions and answers, including discussion about known issues that pertain to the CICS/TS environment which you may not have fixed yet.

## U2 Networking with Linux on System z

Speaker: Stefan Reibold Moderator:  
Linux on System z offers a lot of possibilities to get your system connected to a network. This presentation will give an overview of all the network devices supported by Linux on System z. Examples will show how to set up networking on your system using OSA and HiperSockets. You will learn how to configure a network device manually and how to configure a network device automatically in Red Hat and SuSE distributions. The presentation will end with more advanced network topics such as channel bonding.

## U3 z/VM Live Guest Relocation - Planning and Use

Speaker: John Franciscovich (IBM) Moderator:  
Live Guest Relocation (LGR) is an exciting new capability that is now available with Single System Image (SSI) clustering in z/VM 6.2. Come to this session to learn all about LGR. Topics include system and guest configuration planning, definition of relocation domains to allow guests to be relocated among specific members of your SSI cluster, and how to prepare for and actually relocate your Linux guests from one member of your SSI cluster to another.

V1

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## Embassy Suites

07:00 PM – 11:00 PM

*Splash*

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## Sunday April 15, 2012

### Attendee Registration

07:30 AM – 5:00 PM Registration

Meeting Room 1

### Sunday 7:00 AM

V1 Prayer and Praise

A special non-denominational celebration on Sunday morning.

### Sunday 8:00 AM

U1 CICS TS for VSE/ESA Update

Speaker: Mike Poil, IBM Level 3 CICS Support, Hursley Moderator: Ken Ripple  
Last year Mike expanded upon IBM’s statement of direction by demonstrating some of the potential capabilities of CICS Explorer to be introduced with z/VSE 5.1. Come and hear what the future holds for CICS/TS updates.

U2 s390-tools: The Swiss Army Knife for Linux on System z System Administration

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Speaker: Hans-Joachim Picht

Moderator:

The s390-tools package is the essential tool chain for Linux on System z. It contains everything from the bootloader to dump related tools . This presentation will outline the major tools of this package and present them in a nutshell, including the primary use cases, hints and real world examples providing a quick, authoritative solutions to daily system administration challenges. Furthermore the latest additions and extensions will be presented.

U3

V1

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## Lab z/VM 6.2 Installation and Configuration Hands-on Lab (Part 1 of 4)

Speaker: Richard Lewis (IBM)

Moderator:

With the rise in popularity of running Linux on System z, many System Programmers are faced with the task of installing and maintaining z/VM to support the Linux workload. This session is intended for both beginners in z/VM and those who may have familiarity with z/VM but need a refresher. Unlike labs in the past at IBM Conferences in this lab you will actually install z/VM 6.2 into a two node Single System Image (SSI) cluster (i.e. create two z/VM systems joined together in a single system image). This will allow you to experience first hand the install process with the very latest release of z/VM. Following installation you will perform the system programming configuration steps to make this SSI cluster of z/VM systems ready for a production workload. You will customize the shared system config file, experience adding system owned volumes dynamically to your cluster, configure TCP/IP along with defining a virtual switch for Linux virtual machine connectivity. You will also configure the directory maintenance virtual machines, and the performance toolkit. You will also create virtual machines to run the programmable operator for event processing. Lastly you will have a Linux guest to prepare for cloning and use VM facilities to clone that base and create two operational Linux virtual machines, moving them using live guest relocation among the members of your cluster. At the end of the workshop you will have an SSI cluster of z/VM 6.2 nodes running Linux virtual machines, simulating a production environment.

## Sunday 9:15 AM

### U1 Bringing you up to date with VSAM in z/VSE 4.3 and 5.1

Speaker: Stev Glodowski Moderator:

This session will introduce you to all enhancements and new features available with the z/VSE Versions 4.3 and 5.1 including IDCAMS Backup/Restore, large external interface enhancements for SHOWCB, VSAM 24-bit constraint relief, VSAM Redirector EXCPAD support, RECMAP enhancements and more. Another important part of this session will also be the latest updates regarding VSAM service.

### U2 Problem Determination with Linux on System z Speaker: Stefan Reimbod

Moderator:

This presentation is about problem resolution in Linux on System z running with or without z/VM. You learn about some tools that can help you when your Linux system has a problem. In addition, we explain the usage of debugging tools to collect important system data and basics of performance data.

U3

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## Lab z/VM 6.2 Installation and Configuration Hands-on Lab (Part 2 of 4)

Speaker: Richard Lewis (IBM)

Moderator:

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This is part 2 of a four-part lab.

## Sunday 10:30 AM

**U1 z/VSE User Installation Issues**

**U2 Ipv6 in z/VSE** Speaker: Jeff Barnard, BSI Moderator:

IPv6 news is everywhere these days. The availability of z/VSE 4.2.2 (and newer releases) provides the foundation of z/VSE's IPv6 support. Combine this with IBM's new TCP/IP solution, IPv6/VSE, which provides a single product solution for both IPv4 and IPv6 TCP/IP communications and you have a powerful way to take z/VSE into the future. In this session will discuss the shortcomings of IPv4, the basics of IPv6 and what type of support is available for IPv6 in IBM's z/VSE operating system.

**U3**

**V1**

**V2**

**Lab z/VM 6.2 Installation and Configuration Hands-on Lab (Part 3 of 4)**

Speaker: Richard Lewis (IBM) Moderator: ?

This is part 3 of a four-part lab.

## Sunday 11:45 AM

**U1 z/VSE Fast Path to Linux on System z** Speaker: Ingo Franzki Moderator:

The Fast Path to Linux on System z is a brand new function included since z/VSE V4.3. This session will give an overview about the Linux Fast Path function and its new features in z/VSE V5.1, such as IPv6 support and z/VSE's z/VM IP Assist function. We will discuss what features it provides and what benefits you can expect by using it. This session is of special interest for everybody that runs z/VSE applications communicating with applications running on Linux on System z. Good examples are applications using the DB2 Client, Connectors, VSAM Redirector, etc.

**U2 How to monitor and optimize CICS/TS Storage**

Speaker: Mike Poil, IBM Level 3 CICS Support, Hursley Moderator: Karl DeVore

This session will deal in a practical way with what you need to know to answer the following questions:

- How do I make more storage available below 16MB?
- How much Space Getvis do I really need in a Dynamic Partition?
- How does GETVIS/FREEVIS actually work?
- CICS uses emulated z/OS GETMAIN/FREEMAIN/STORAGE, what does that mean?
- How do I know how much GETVIS storage CICS is using and who is using the rest?
- I may have a GETVIS storage leak, what diagnostic information do I need?
- I am running out of GETVIS, how do I make it bigger?
- How does CICS use DSALIM and EDSALIM storage?
- How do I monitor and account for DSALIM and EDSALIM usage?
- I am running out of DSALIM or EDSALIM, how can I make it bigger?
- Can I make DSALIM or EDSALIM smaller if I need to?
- I am getting CICS SOS messages, how do I get the correct diagnostic information?
- What can I do to get better use of DSA and EDSA storage?
- How do I know how much storage transactions are using?

**U3**

**V1**

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## Lab z/VM 6.2 Installation and Configuration Hands-on Lab (Part 4 of 4)

Speaker: Richard Lewis (IBM)

Moderator:

This is part 4 of a four-part lab.

### Sunday 12:45 PM

Lunch in Vendor Room

V1

V2

### Sunday 1:45 PM

Lunch in Vendor Room

V1

V2

### Sunday 3:00 PM

#### U1 New networking options with z/VSE Speaker: Ingo Franzki Moderator:

This session provides an overview about the various networking options with z/VSE. It will discuss the new support for VLAN and Layer 2, as well as the OSA Express for zBX support to participate in an Intraensemble data network (IEDN). In addition, it will cover new networking solutions like the z/VSE Fast Path to Linux on System z and z/VSE's z/VM IP Assist function. Besides this, it also covers some IPv6 basics and how you can make use of it.

#### U2 FCP or FICON - selecting the right storage attachment for Linux on System z and z/VM

Speaker: Holger Smolinsky Moderator:

When intending to connect disk or tape storage to Linux on System z, there is a fundamental decision to be made between two types of storage attachment in a storage area network (SAN): One option is to use the FICON protocol for connecting storage control units to host based FICON, typically used with z/OS, z/TPF, z/VSE and z/VM. The other option is to use the SCSI over Fibre Channel protocol (FCP) for communications between storage devices and the host bus adapter residing in the FICON Express card, like distributed systems connect to their SAN based storage devices. In this presentation we discuss the technical differences between the two attachment types in order to allow an educated decision.

#### U3 Configuration and Use of z/VM DirMaint

Speaker: Rich Smrcina (Velocity)

Moderator:

Working with the z/VM user directory can be a daunting task, especially for a new z/VM user. Problems are typically faced when allocating minidisk space. There are potential pitfalls for incorrectly specifying allocation values that can lead to disaster. A directory manager can solve problems of this nature by automating the allocation of disk space and making sure there are no disk overlaps. This session will show how to set up z/VM's DirMaint directory manager and demonstrate how to use it effectively.

V1

V2

### Sunday 4:15 PM

#### U1 z/VSE Performance Roundtable

Panel: Pete Clark, CPR Systems  
Ken Meyer, CA Technologies  
Martin Trubner, Pi-GmbH  
Mike Poil, IBM Hursley:

Moderator: Billy Bingham

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Joins us in a roundtable discussion of performance issues that have been encountered (And solved) by various seasoned systems programmers. See what issues they resolved and how they resolved them.

## U2 **Backup & Restore solutions with Linux on System z and z/VM**

Speaker: Holger Smolinsky Moderator:

Backup and restoration of data and systems are critical factors for operating systems and applications in an enterprise. While many products apply for providing these functions for Linux, z/OS, z/VSE and z/VM, there seems to be no integrated solution out of the box of any product. In this presentation we show a set of alternative backup/restore architectures including a comparison of their advantages and caveats.

## U3 **z/VM Directory Maintenance Facility for z/VM 6.2**

Speaker: Brian W. Hugenbruch (IBM) Moderator:

The z/VM Directory Maintenance Facility feature (DirMaint) has been updated significantly to support the management of user directories in a z/VM Single System Image environment. This presentation gives an update on how DirMaint operates in an SSI cluster as well as an overview of its support for multiconfiguration virtual machines and other new directory statements and options in z/VM version 6 release 2.

V1

V2

## Sunday 5:30 PM

### U1 **Principles of Performance Monitoring in z/VSE and potential affects upon CICS/TS**

Speaker: Mike Poil, IBM Level 3 CICS Support, Hursley Moderator: Karl DeVore

Mike goes beyond CICS performance in this session and suggests additional areas that should be explored in a robust z/VSE environment. His list of topics will include:

- Hardware operation and key performance indicators
- Important z/VSE internals information.
- What does resource usage analysis give you?
- What does degradation analysis give you?
- What free tools are available and what do they give you?
- What about OEM performance tools?
- Do you trust the output data? Do you know how it gets it, and are there caveats?
- How do you correctly interpret the output data?
- Long-term data accumulation and analysis.
- Case study material
- Source code for some very simple tools that Mike has written for CICS performance PMRs

### U2 **Linux User Experience** Speaker: Moderator:

### U3 **What's New in z/VM I/O Support?**

Speaker: Steve Wilkins (IBM) Moderator:

New features have been added to z/VM, whether by APAR or included in the newest release, that involve new I/O devices and concepts. This presentation will take a more in-depth look at these capabilities, their benefits, what is needed to use them, and how they can be invoked. A basic understanding of z/VM Device Support would be helpful, but not required, as this presentation will build on that knowledge.

V1

V2

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**Sunday 7:00 PM – 11:00 PM**

***Splash & Exhibits***

**Exhibit Hall**

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 April 16, 2012**

### **Attendee Registration**

07:30 AM – 5:00 PM

Registration

Meeting Room 1

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

- U1 z/VSE 64 bit virtual** Speaker: Ingolf Salm Moderator:  
This session discusses z/VSE's 64 bit implementation, real and virtual, required zArchitecture interfaces, 64 bit virtual APIs and how to exploit 64 bit virtual in applications.
- U2 A Linux on System z Platform for Delivering Trusted Information**  
Speaker: Moderator:
- U3 z/VM PAV and HyperPAV Support**  
Speaker: Steve Wilkins (IBM) Moderator:  
This presentation covers details of z/VM's Parallel Access Volume (PAV) support which provides PAV minidisks and dedicated DASD for guest operating systems, such as z/OS & Linux, that exploit the PAV architecture. The presentation also explains the potential benefit of this PAV support for minidisks owned or shared by guests that do not support exploitation of PAVs, such as CMS. In addition, this presentation covers z/VM's HyperPAV support for the IBM System Storage DS8000 series. HyperPAV potentially reduces the number of alias device addresses needed for parallel I/O operations since HyperPAV aliases are dynamically bound to a base device on each I/O operation. z/VM V5 and V6 provide support of HyperPAVs as linkable minidisks or dedicated DASD for guest operating systems that exploit the HyperPAV architecture. z/VM also provides the potential benefit of HyperPAVs for mindisks owned by guests that do not exploit the architecture.

V1

V2

### **Monday 9:15 AM**

- U1 VSAM Hints & Tips Update** Speaker: Stev Glodowski Moderator:  
The focus of this session will be useful Hints & Tips regarding VSE/VSAM covering important old and new topics. As part of this session themes like recoverable catalogs, migration of VSAM files, candidate volumes, large DASDs usage and many more will be discussed.
- U2 Running Linux on System z as a z/VM Guest: Useful Things to Know**  
Speaker: Hans-Joachim Picht Moderator:  
It seems as if the majority of the current Linux on System z installed base is running on top of the z/VM hypervisor. If you have such an environment or plan to deploy something like this come to this session. You will learn how a Linux guest can interact with CP based on real world examples and use cases for your day to day operations. Topics include the hypervisor filesystem, vmur, vmcp, cmm and many more.
- U3 Foundations of z/VM Security, Part 1: Security and Integrity**

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Speaker: Brian W. Hugenbruch (IBM)

Moderator:

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 mechanisms in z/VM. We will discuss how the Control Program creates a secure environment, your responsibilities, and IBM's commitments, including certifications.

V1

V2

## Monday 10:30 AM

**U1 z/VSE Hints & Tips**

**U2 Someone running real applications workloads on a zLinux system would be interesting**

Speaker:

Moderator:

**U3 The Foundations of z/VM Security, Part 2: Defense in Depth**

Speaker: Brian W. Hugenbruch (IBM)

Moderator:

An external security manager for z/VM extends the security capabilities of the base product -- but what is it extending? This session digs into z/VM Control Program to uncover the native features that allow for role-based access controls and auditing, and discusses how this foundation allows the ESM to do its job.

V1

V2

## Monday 11:45 AM

**U1 z/VSE: Setup SNMP Monitoring (workshop)** Speakers: Wilhelm Mild & Ingo Franzki

Moderator:

Workshop: Monitoring the IT environment is a necessity and the different areas to be monitored can now be unified. The session shows an overview about monitoring with general recommendations and z/VSE specifics. Since z/VSE 4.3 you can monitor z/VSE using SNMP and include it in your enterprise monitoring environment. Come and see how you setup such an environment.

**U2 Cross Platform workload scheduling with Linux positioning**

Speaker:

Moderator:

**U3 z/VM and 3592 Tape Encryption**

Speaker: Steve Wilkins (IBM)

Moderator:

The IBM System Storage TS1120, TS1130, & TS1140 tape drives are capable of encrypting tapes when written. This presentation will provide a high-level overview on how the solution works and how to utilize the tape encryption support available for z/VM V5 and V6 and its guests, including those guests that do not exploit the 3592 tape encryption architecture.

V1

V2

## Monday 12:45 PM

**Lunch in Vendor Room**

## Monday 1:45 PM

**Lunch in Vendor Room**

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## Monday 3:00 PM

### U1 **Optimization for your data - it's about company's values enhancements**

Speaker: Wilhelm Mild Moderator:

Company data is the most treasured area in a company but at the same time the area where the diversification is high. The IT trend today is to optimize the data structures, to increase the value they deliver and to increase the business using the knowledge these data contain and the information that can be taken out of them.

The session will illustrate the transformation from a heterogenous data environment to a data information system to increase business value.

U2

### U3 **Introduction to RACF/VM**

Speaker: Bruce Hayden (IBM)

Moderator:

The RACF security server enables a higher level of security for your z/VM system, but how does it change your system? RACF may seem like a "black box" to z/VM system programmers because it has its own terminology and set of commands that must be learned to create a secure system. This session will open the box by explaining RACF/VM terms, basic settings, how RACF interacts with CP, how you interact with RACF, and give you some suggestions on how to set up your system with RACF. New features in RACF for z/VM 6.2 are also highlighted.

V1

V2

## Monday 4:15 PM

### U1 **POWER & JCL, all the news since z/VSE 4.3**

Speaker: Stev Glodowski Moderator:

Many enhancements have been made during the past years for VSE/POWER and JCL. This session will discuss all the new features and enhancement in both areas including, directing PUNCH output to VSE/AF sub-library members, operator command improvements, new TKN attribute, OGM support, output limitation facility, JCL-Security, Librarian and many more.

### U2 **Performance Experiences with Databases on Linux for System z**

Speaker: Moderator:

### U3 **z/VM 6.2 Security and RACF Update**

Speaker: Brian W. Hugenbruch (IBM)

Moderator:

Security risks and threats are always changing. Fortunately, so is z/VM. Attend this session to hear the latest news on z/VM Security features and tactics, as well as to hear details about how RACF operates in a Single System Image environment.

V1

V2

## Monday 5:30 PM

### 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

U1 – Ballroom E U2 – Meeting Room 2

U3 – Meeting Room 3

U4 – Meeting Room 4

V1 – Meeting Room 4 V2 – Meeting Room 5

Lab – Meeting Room 6

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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.

## U2 z/VSE using Virtual Tape Devices with a z/Linux repository

Speaker: Moderator:

## U3 s390-Tools: The Swiss Army Knife for Linux on System z System Administration z/VM

Speaker: Hans-Joachim Picht Moderator:

The s390-tools package is the essential tool chain for Linux on System z. It contains everything from the bootloader to dump related tools . This presentation will outline the major tools of this package and present them in a nutshell, including the primary use cases, hints and real world examples providing a quick, authoritative solutions to daily system administration challenges. Furthermore the latest additions and extensions will be presented.

V1

V2

## Embassy Suites

**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. The right way to begin WAVV.

## Tuesday April 17, 2012

### Tuesday 8:00 AM

#### U1 CICS I/O Tuning – Part1

Speaker: Eugene Hudders, C\Trek Corporation Moderator: Ken Ripple

This session reviews the things that can be done to improve CICS performance through I/O tuning. The user is presented on how to tune both LSR pools and NSR Files. Upon completion the user should be able to identify areas that require attention in their installation and what actions should be taken to improve the I/O performance. The attendee is encouraged to bring statistics about their file subsystem so that they can compare their installation's results with what is identified in the presentation. Part 2 will follow at the 9:15 session.

#### U2 Exploit zEnterprise with new Integration possibilities for Linux and traditional workload

Speaker: Wilhelm Mild Moderator:

With zEnterprise, the flexibility for solutions increased dramatically. This enterprise platform delivers reliability whenever you need it, where you need it and a best for purpose solution environment to integrate best of breed traditional business applications with the Linux momentum. Come and see the possibilities you have to leverage the best solution for your business on the largest scalable server in the world.

#### U3 zEnterprise and z/VSE - Features, Functions, and New Software Pricing

Speaker: Klaus Goebel Moderator:

This session describes the features and functions of zEnterprise that are tolerated and exploited by

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z/VSE. A special focus is on the newly announced software pricing metric for z/VSE and related middleware on zEnterprise.

## Tuesday 9:15 AM

### **U1 CICS I/O Tuning – Part2**

Speaker: Eugene Hudders, C\Trek Corporation Moderator: Ken Ripple

This is the second part, of a 2 part session. Please see the abstract for the 8:00 Part 1 session. Feel free to join us even if you missed the earlier session, as Gene always provides very useful information.

U2

### **U3 Managing z/VM: Use the Free Utilities You Have Already!**

Speaker: Bruce Hayden (IBM) Moderator:

Your z/VM system includes several system management utilities that you may not be aware of. They are easy to set up and can help you, the system programmer, manage your new system. In this session, you will learn what these utilities can do, how to configure them, how to use them, and what other alternatives exist. The CMS utilities that are discussed are AUDITOR, SFPURGER, DIRMAP, the DCSS tools, and more.

## Tuesday 10:30 AM

### **U1 Why you should look at the new possibilities with zEnterprise and z/VSE - Tuesday 10:30 am U1**

Speaker: Wilhelm Mild Moderator:

This session focus is the exploitation of the newest Hardware concepts and z/VSE functions to exploit these concepts. It is the trend to optimize your IT, from a workload, floor space and management perspective, by maintaining your existing values and extending your global solutions to better serve your business needs more efficient and secure.

U2 **Linux Subscription and Service Management** Speaker: Moderator:

U3

## Tuesday 11:45 AM

### **U1 Experience from customer projects regarding IT Optimization and the pitfalls**

Speaker: Wilhelm Mild Moderator:

IT Optimization is a wide area and every enterprise is looking different to achieve their business needs and the goal of running an efficient IT environment.

The session illustrates samples of Optimization processes based on customer examples. It will show the decision areas and the right point of considerations for the decisions to improve the business.

U2 **Why Customers are not just Staying on the Mainframe** Speaker: Moderator:

U3

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## Notes