# VM Workshop 2023 - Session Abstracts

| Title | Synopsis | Presenter |
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| Workshop Opening and Keynote | Bill Bitner, the 2023 Chair, will welcome you to the 2023 VM Workshop and share some helpful information for the event. Then for the keynote speaker, Kevin Stoodley from IBM will share his insight. Kevin is an IBM Fellow and the Chief Technical Officer for IBM Z responsible for driving the technical agenda for the product portfolios for the IBM Z and LinuxONE brands. He has 35 years of IT experience and spent the early portion of his career in compiler technology. | Bill Bitner |
| Bit Talks with Friends | Join us in this session as Bill Bitner sits down with a few VM Community members to hear their stories. Find out how they got into the z/VM space, what surprises they found, and learn how they run their z/VM systems. The panel includes Tracy Dean, Perry Ruiter, and others. When we tell our stories and we listen to others tell their stories, we often learn that we're not alone. We're much better together. | Bill Bitner |
| LinuxONE Server Update | New chips, new cores, new servers, new packaging ... come to this session to hear about IBM's LinuxONE and IBM Z (Linux on IBM Z) technology and product announcements. Monte Bauman will use MURAL to present what's new and what it means to those building robust Linux-based solutions that scale, perform, and are secure. | Monte Bauman |
| GDPS Update (v4.6 and SPE) | GDPS is IBM's premier continuous availability and disaster recovery solution for managing z/OS, z/VM and Linux on IBM Z and their data, both within and across sites. In addition to the array of tightly integrated capabilities associated with IBM Z and data, GDPS extends its reach to heterogeneous platforms for end-to-end availability and recovery management. In this session we provide you with an update on the exciting new features and functions added in the latest release of GDPS v4.6. Of course you want to know how those new features and functions will help keep your VM and Linux systems up and running on Z and LinuxONE, so we will cover too. | Steven Cook |
| State of the Open Mainframe Project | The Open Mainframe Project turns 8 this year, and has seen much success in establishing not only a home for open source on the mainframe, but also has been a driver towards building a diverse and inclusive culture in mainframe to help bring in the next generation. With the planned launch of a mainframe to be used by the open source community and greater collaboration with other open source projects and organizations, mainframe is now becoming more mainstream. In this talk, we will provide an update on the Open Mainframe Project and ways you can engage. | Leonard Santalucia |
| User Experiences in setting up the environment for Redhat Openshift on Z | The real work in preparing to run Redhat Openshift on IBM Z is getting the network-based services running. This presentation will review the components to be installed and tailored before starting an Openshift installation. Attendees should be familiar with Linux environments and TCP/IP constructs (like IP networking, well-known ports and Domain Name Services) | Sam Cohen |
| Running a DR Test with Shared Tapes and Backups | Are you using a tape grid in your z/OS environment? If so, don't you want to also use it for z/VM and zLinux - improving your disaster recovery capabilities? Beware, however, that using it with z/VM requires some up front care and planning to prevent tape activties during a DR test from impacting your production tapes. Come learn the details and be prepared! | Tracy Dean |
| Feilong: the open source API for z/VM automation | Feilong is an Open Mainframe project. Come learn about the project as well as be introduced to the technical components. A demonstration will show the API in action driving z/VM functionality. | Mike Freisenegger |
| Bringing Ansible to existing infrastructure | Ansible is a powerful automation platform, but most of the instructions and tutorials online assume a greenfield deployment. Bringing that automation to an existing environment is something less well covered, and can have surprising challenges. This is a overview of the experiences gained from implementing Ansible as an ad hoc systems administration tool, a software deployment framework for existing applications, and a systems provisioning tool for new deployments targeting multiple operating systems and processor architectures. | James Nelson |
| Rexx Language Coding Techniques (Part1, Part 2) | If you are a beginner or intermediate Rexx programmer who wants further insight on better Rexx programming techniques, this session is for you! In Part 2, we will review compound variables versus the data stack, troubleshooting, and programming styles for Rexx. | Tracy Dean |
| Solutions for Real Customer Challenges Managing z/VM and Linux | Whether implementing hybrid cloud or supporting server consolidation projects, customers are implementing mission critical applications on Linux on IBM Z and LinuxONE. In this session, the speaker will focus on real customer problems and associated solutions with managing this new infrastructure, including monitoring messages, monitoring spool space, sending alerts, feeding data to analytics platforms, automatically fixing a problem, and backing up and recovering critical data. | Tracy Dean |

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| Ten Statement Git | The version control system "git" when used with a repository system such as "github.com" is quickly becoming an essential for DevOps activity. This presentation will attempt to present you with the Ten most important git "verbs" as well as some visual bash "glue" which may allow you in a Zlinux VM to manipulate, provision and otherwise enjoy these Virtual Machines. Additionally we will discuss git client and server portability particularly in the various mainframe environment. | Paul Flint |
| Modernizing Spool Management for z/VM | As part of our modernization of the z/VM platform, we announced zSPOOL at the 2022 VM Workshop. In this session we will focus on all the cool spool management you can do with a GUI. Which includes the ability to view open or closed spool files, open console management, spool clean-up management of aging spool files and more! Join us to see how to accomplish all of this without even touching a 3270 and hear about the newest enhancements added! | Rich Smrcina / James Vincent |
| Hands-on Lab: Managing z/VM and Linux on IBM zSystems | This lab lets you choose from several monitoring, automation and backup/recovery scenarios for z/VM and Linux guests, including those running on LinuxONE. You can choose from separate hands-on labs using IBM Operations Manager for z/VM, IBM Backup and Restore Manager for z/VM, and IBM OMEGAMON XE on z/VM and Linux. Lab exercises include viewing and interacting with service machine and Linux guest consoles, taking an action based on a console message, monitoring user IDs for logoff, monitoring spool and page space, viewing the overall performance of the z/VM system and each Linux guest, and backing up and recovering z/VM data. | Tracy Dean |
| z/VM and LINUX Considerations for FCP Storage Environments | Customers who are making architecture decisions want to understand the best practices for system set-up and deployment in their unique environments. In this presentation intended for the z/VM Workshop technical community, Andy Hartman will share his insights on best practices for storage connectivity options. Andy will cover considerations and planning questions for z/VM and Linux on IBMZ workloads when utilizing Fiber Channel Protocol (FCP) attached storage devices. Topics such as hardware requirements, pre-requisites, connectivity options, and configuration changes needed in z/VM and Linux to ease your migration and assure a successful cutover. As storage requirements increase with new workloads from on-prem clouds to workload consolidations, storage connectivity for Linux workloads running on IBM Z is a critical part of a successful project. | Andy Hartman |
| Installing a Usable z/VM System is Easy! | Installing a z/VM system is a lot of work. It is not due to actual installation procedure that part is easy; the real work is making the system usable. You have many things to customize, add users, enable optional features, install additional products, secure the system, get Linux installed, and more. If you're new to z/VM, this is a daunting list of items to finish. Your wish would be to install a system that is customized and usable right after installation. And it should be as easy to install as the normal installation. Your wish is granted! Come to this session and learn how we created a usable system, how it was customized, and see how easy it is to install. | Bruce Hayden |
| Easily Extending a Usable z/VM System! | Once you've got yourself a usable z/VM system you need to do something with it. If serving Linux virtual machines is your goal, setting up the systems to help you do that can be complex. Setting up a Kubernetes cluster or three? There's definitely some work ahead of you... Or is there? If you've wished for an easier way to go from hypervisor to workload, your wish is granted! Come to this session to find out how we used a humble Linux virtual machine to take a usable z/VM system and expand its usability even further! You'll see how tight integration between the hypervisor and the guest brings great advantages in managing the entire system, and how easy it is to install. | Vic Cross |
| Larger NVMe EDEVICE Page Space Allocations | Vicom Infinity, A Converge Company, will present its results from a recent IBM z/VM Sponsor User Program. Very large PAGE space allocations are possible using NVMe EDEVICE emulation. The presenters will give an overview of the new support and present their experiences using a 750GB Page extent. | Arty Ecock, Len Santalucia |
| Nines All the Way Down | IBM zSystems and LinuxONE provide enterprise-wide availability for workloads, designed to operate at 99.99999% availability. But what do availability and resiliency mean in the context of z/VM, Linux on zSystems, or containers? This webinar will walk through the needs of high availability and disaster recovery, the technical components and considerations needed to ensure redundancy at all levels, and a sample resiliency framework using Red Hat OpenShift Container Platform (RHOCP) as a model for a workload that can provide business continuity in the face of catastrophe. | Wilhelm Mild/Steven Cook |
| Introduction to OpenShift Performance | With the growth of container technologies and the current focus on OpenShift, it is important to be able to measure the consumption of an OpenShift implementation. In this session, we'll take a look at how to see what is happening. | Barton Robinson |

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| What we learned from a large-scale pilot program built on DPM, z/VM, and Linux | In this session the speakers will cover the end-to-end experience that we had in the IBM Washington Systems Center working with LinuxONE Client Success and the IBM z/Ecosystem ISV team assisting a Tier 1 (very large) bank in migrating Linux workloads from distributed systems to LinuxONE. The CPC was in Dynamic Partition Manager (DPM) mode, all of the storage was FCP/SCSI, and most of the work was deployed under z/VM. We cover why you still need z/VM with DPM, iterative planning, and more. There were numerous pitfalls and ways that we wound up having to re-work things after learning some lessons the hard way. This session covers the environment we had and how it changed over time, decisions made, automation created, standards created, ways to foster collaboration with distributed teams, and more. There will be information in this session covering the entire range of skill levels; basic planning all the way through SME-level implementation. | Paul Novak |
| Documenting, testing, and packaging of an automated bundle like z/VM ESI | You're talking with a bunch of your colleagues about ways to create something that would help simplify a process that's quite manual and time-consuming. In your spare time, you wind up with a skunkworks-style project using automation and bundling of components together. Validating that your group's idea was a good one, this project starts to become popular and people are really interested in using it. Where is the documentation to explain what it is, how it works, and how to use it? How are you going to package it for distribution and consumption in a way that is reliable and consistent? As changes are made, new functions are added, and things are updated, how are you going to test what you have changed? Documenting, packaging, and testing are some of the things that don't immediately come to mind when you embark on a project like this. This session covers all of these topics, specific to the z/VM ESI project; although the key points of why they are important, and what kinds of inputs you should be using as criteria for decision-making are applicable to just about any project you might be working on. | Paul Novak |
| Taking the Message to Young Techies, Mainframe Careers are Real! | In the United States, 59,000 computer science students graduate college every year while 10,000 baby boomers retire and leave the work force every day. There just aren't enough students to back-fill the roles that the baby boomer generation leaves behind. In 2020, there were more than 84,000 mainframe positions open and not enough practitioners to fill them. This presentation will arm you with an easy to give presentation to take out to local high schools or colleges to help build the mainframe workforce. | Marc Smith |
| Where to deploy container workload- in OpenShift on zSystems or in zCX | The session will guide how to decide and which workload would make sense to run in an red Hat Openshift environment on IBM zSystems or in z/OS zCX. We will analyze the charcteristics and advantages of such workloads and how other clients made their decision. | Wilhelm Mild |
| How to deploy an App into Red Hat OpenShift to scale transparently | Let's talk about the capabilities you have with Red Hat OpenShift to scale an application up and down, in fully automated fashion. What are the options and how can you classify and configure the environment. How about if you want to schdeule the application accross multiple clusters or based on existing capacity allocations. It's easier than you think. | Wilhelm Mild |
| Demystifying a Red Hat OpenShift environment with z/OS or VSE knowledge | This session is comparing the concepts of Red Hat OpenShift, based on traditional concepts and workloads in z/OS or z/VSE environments. We will discuss similarities and differences and get a better understanding of containerized environments running in Red Hat OpenShift. | Wilhelm Mild |
| What are the common tools that cover traditional and container development | If you want to have a common toolset for development and code maintenance for your z/OS and your Container workloads, then you can get these information in this session. We will discuss the options and flexibility you can gain with the different tools and combination of them. | Wilhelm Mild |
| Benchmarking Linux on Intel versus Linux on Z | Replatform tech is building an open source benchmarking application for CICS. This benchmarking application will be similar to Amazon's/Micro Focus' closed source benchmarking application. Replatform Tech will present the results of the benchmarking for OpenKicks running on Intel Linux and Linux for Z. By open sourcing the application is hoped that other systems that implement the CICS API can be benchmarked in a comparable way and that people can comment on how the benchmark compares to real world systems. | Michael Potter |
| Accessing FB disks for use by z Systems (Part 1 - Intro, Part 2 - Setup) | z/VM, VSE and Linux on zSystems can access Fixed Block (FB) disks via Fibre Channel (FICON connections in FCP mode). Part 1 will introduce concepts involved in connectivity between z and FB-disks. Part 2 will explore setup/use of FB-disks by z/VM, VSE and Linux | Sam Cohen |
| Securing z/VM with Tor Hidden Services | Tor is a tool which can get you into the "dark web". But it's more than that: it's essentially a VPN, yet with simpler authentication. (It's all about anonymity.) The powerful cryptography and onion routing used by Tor can make your z/VM system available as a "hidden service". There's no requirement for VM SSL. You can run with or without it and still have full protection from would-be snoops. | Rick Troth |

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| Planes, Trains, and Automobiles | We moved a datacenter from Dallas, Texas to Poughkeepsie, New York. We were given minimal time to plan and execute, and had to keep the downtime as short as possible. We also needed to have plans in place in case any equipment was lost or damaged in transit. This is how we accomplished the move. | Clayton Slaughter |
| z/VM and Virtualization Hands-on Lab - Choose your own Lab | In this four part hands-on lab you choose hands-on lab exercises from one of these options: z/VM 7.3 SSI Installation and Configuration, z/VM Upgrade In Place from 7.2 to 7.3, Implement z/VM 7.3 Centralized Service Managment. Clone a 7.3 SSI member to create a member in slot 8, DPM and KVM (modify a dpm partition, install Ubuntu 20.04 as a KVM host, install virtual machines) Many of these choices will take the full 4 session slots, so it will not be possible to complete multiple labs. Each lab selection comes with a comprehensive lab workbook that provides step by step instructions and will be useful as a reference later. This session is intended for both beginners in z/VM and those who may have familiarity with z/VM but need a refresher. | Richard Lewis |
| Linux for IBM zSystems Installation Hands-on Lab | This hands-on lab will provide an opportunity to install Linux for IBM zSystems into a z/VM virtual machine, do some basic system administration and configure commonly used packages such as Apache. There will also be an opportunity to install a container runtime engine, create some basic images and run those images in containers. The choices for installation will be RedHat 9.1, SUSE SLES 15 SP3, and Ubuntu 22.04 LTS. This is a four part lab to provide enough time to work through the lab workbook. | Richard Lewis |
| Customer Experiences Running Oracle & Open Source Databases with z/VM | This session will share customer experiences running large Oracle and Open-Source Databases under z/VM. Performance and Implementation tips involving sizing workloads, performance (CPU, Memory, Network, I/O) and implementation considerations for deploying large database systems under z/VM. Security and backup considerations using MongoDB, PostGreSQL and Oracle will also be discussed. | David Simpson |
| z/VM 7.3 Platform Update | This session will focus on the business value of z/VM. Version 7 of z/VM started the era of a two-year release cadence, of which z/VM 7.3 is the latest release. We'll cover information about z/VM 7.3, including a tour of five value areas and details about leveraging recent continuous delivery enhancements. | John Franciscovich |
| Where's the Best z/VM Information? | How many of us get a little nervous trying something new? Maybe the first day of school or first day at a new company? Was it a confusing day or did you have someone help you out? Pointing the way and orienting you in the right direction? This session is meant to keep the person who is new to z/VM from having those same butterflies on their first day at the keyboard. The session will help you understand the various channels for information about the z/VM product. This will include some examples of the HELP facility in z/VM, a brief tour of the z/VM library and utilities to access the library, as well as pointers and discussion about various web sites and mailing lists that have proven helpful over the years. Even If you've been on the platform for years, we'll through all of the latest and greatest in z/VM information. | John Franciscovich |
| Common z/VM Hurdles and How to Overcome Them | As the saying goes "those who cannot remember the past are condemned to repeat it". In z/VM service, we've seen the history of many z/VM ecosystems, new and old. This session will go through some of the common problems we have encountered and how to avoid and/or overcome them. This session is great for new and tenured system programmers alike. | John Franciscovich |
| Preparing for Eight-Member SSI Clusters | In z/VM 7.3, the maximum size of a Single System Image (SSI) cluster is doubled from four to eight. If you are currently running a four-member cluster, or even if you are not currently using SSI, you may be wondering how do we get from where we are to an eight-member cluster? This session will cover some of the key details and considerations as you look to install or upgrade to z/VM 7.3 and expand your SSI clusters to up to eight members. | John Franciscovich |
| How to use a purpose built, lightweight and immutable OS with z/VM | SUSE Linux Enterprise Micro (SLE Micro) is a small footprint, enterprise-grade and mission-critical operating system by design. Purpose built for containerized and virtualized workloads and requiring minimal maintenance to operate. This session will introduce SLE Micro, its attributes and use cases on IBM zSystems and LinuxONE servers with a focus as z/VM guests. | Mike Freisenegger |
| Monitoring z/VSE with zVPS | With the introduction of SNMP for VSE some time ago, Velocity Software has been able to monitor VSE systems with our performance suite that runs on z/VM. We are improving and enhancing that capability to add TCP/IP monitoring and CICS monitoring. Come to this session to hear what we are doing and to see our live systems via a demo. You will also be able to follow along either in the session or post-workshop to show interested parties back home. | Rich Smrcina |

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| Investing on IBM zSystems Ecosystem including VSE and z/VM | In this session we will by cover detailed information about how TDMF VM Agent can be used to keep your VM systems up 24 by 7 while moving VM volumes to different devices, additionally we will cover general information about the 21st Century Software portfolio in all areas of the IBM zSystems Ecosystem. | John Hogan |
| Transition and news from IBM z/VSE to 21CS VSEn 6.3 | In this session we will cover the different announcements that have been happening since last year, things to consider when upgrading to 21CS VSEn 6.3 and the next steps you should take if you care about your VSE workloads. | Gonzalo Muelas Serrano |
| Fresh installation of 21CS VSEn 6.3 | In this session we will show how easy is to do a fresh installation of 21CS VSEn 6.3 in theory and a demo. | Shahin Krishna |
| Upgrading to 21CS VSEn with Fast Service Upgrade (FSU) | In this session we will show how easy is to do an Fast Service Upgrade from IBM z/VSE 5.2, 6.1 or 6.2 directly to 21CS VSEn 6.3, and we will demo upgrading from IBM z/VSE 6.2 to 21CS VSEn 6.3. | Shahin Krishna |
| Hints and Tips for newbies working with/upgrading to 21CS VSEn 6.3 | In this presentation we will show a mixed collection of experiences from the 21CS team on different areas while working with and upgrading to 21CS VSEn 6.3 | Shahin Krishna |
| Is it a file or a folder... it is a VSAM dataset | In this session you will learn the basics about 21CS VSEn VSAM the "filesystem" in VSE, some concepts might be generic to Mainframe platform but in general we will focus on 21CS VSEn. Join us and ask any questions at any level! | Edmund Wilhelm |
| MQ revival - Deploying 21CS MQ for VSEn | In this session you will learn different use cases where Message Queuing technology, providing asynchronous message communication, can be valuable and the steps to get started deploying 21CS MQ for VSEn. | Shahin Krishna |
| 21CS VSEn and IBM z/VM synergies | In this session you will learn some practical best practices, setup and tools when running 21CS VSEn on IBM z/VM. VSE customers running on LPAR directly are welcomed as well so that we all learn the value and possible alternatives/needs for LPAR only customers. | Edmund Wilhelm |
| 21CS VSEn VSAM tuning and troubleshooting | In this session you will learn some tuning and troubleshooting tips for 21CS VSEn VSAM. Please join and share your experiences and your own recommendations from your environment for VSAM, moderated by one of our experts, let's make it a live dialog! | Edmund Wilhelm |
| Using your VSEn Swiss Army knife for VSEn data | In this session we will show practical usecases of 21CS SMDMU for VSEn (based on IBM DITTO). We would also like to you share and have an active dialog what are your best usecases for DITTO technology. Join this live and interactive session! | Edmund Wilhelm |
| Using Box for getting 21CS VSEn SW products, support and reporting SCRT | In this session we will show the process of getting Box access and the structure and usage that you as a 21CS VSEn customer have, and some hints and tips. | Gonzalo Muelas Serrano |
| An SSH Client Suite for VSE | An introduction to and description of a suite of SSH clients for use under VSE. This suite provides public/private key security to perform: 1. Issuing commands to remote systems via secure shell (ssh) 2. Transferring of files between systems using secure file transfer (sftp) 3. Secure copying of files between systems (scp) File translation is controlled by the user who is able to choose the code pages to be used. The CPACF hardware facilities of System z are used for encryption/decryption and message digest operations. The clients are designed for use by batch applications. | Neale Ferguson |
| CSI TCP/IP Update | CSI development has always made it a high priority to respond to Customers, IBM, Vendors, International Agents, and Consultants to real world customer problems, issues, and business needs. This commitment to provide solutions to real world business needs continues with the 2.3 release of TCP/IP for z/VSE. Don Stoever has been working in development on TCP/IP since 1998. This session will explain what's new in the 2.3 release of TCP/IP for VSE from CSI International. | Don Stoever |
| Confessions of an "accidental" CS major | From Physics and Political Science to Computer Science and Religious Studies. Come hear one student's tale of decision, indecision and reality while traversing the collegiate path to enlightenment. | Olivia Ecock |
| "Houston, All Systems Go" – Mainframe Systems as Clients in the Brave New World | Successful companies have integrated the mainframe into their open-source framework and modernized, rather than rewrite and re-platform their legacy applications that are foundations of their business. This session lays out five real world production use cases: the challenge they faced, the solution implemented, and results derived. The examples demonstrate how mainframe applications (IMS,CICS,etc) can act as real time clients to other systems such as Cloud , Linux on Z or distributed to get data where and when it's needed. | Andy Hartman |
| SSHV2 for VSE | Tony Thigpen of Barnard Software, Inc. will give a presentation on BSI's new SSHV2 for VSE product. Come learn about how to have VSE connect directly to remote host SSH servers. With SSHV2 for VSE you can connect to a remote host SSH server (Linux, Unix, Windows) directly and use a terminal interface, or scp or sftp. Yes, ftp using ssh will now be supported for VSE! | Tony Thigpen |

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| Addressing the Mainframe Skills Shortage | The Mainframe Skills Shortage has been well documented for nearly two decades now, however it wasn't until more recent years that organizations started to proactively address this issue. As more and more Baby Boomers retire, the issue only grows more dire and Covid has only made a bad situation worse. Hear from experts with over thirty years of mainframe training experience, stories about what organizations are doing to address the shortage and insight into what your company can do to address this looming issue | Scott McFall |
| What's new in the latest IBM Cloud Infrastructure Center | We'll share the latest news around IBM Cloud Infrastructure Center and cover new capabilities and value propositions are part of the latest release. Receive an update of IBM Cloud Infrastructure Center use cases and customer scenarios. Join the discussion on how to create a highly available, resilient environment to deploy linux virtual machines. | Michael Snihur |
| Live Tour of IBM Cloud Infrastructure Center | Watch a live guided tour of IBM Cloud Infrastructure Center as we demo the latest features and automated provisioning examples from real life examples. Learn about how to describe Infrastructure as Code as part of a DevOps pipeline. We∪→∪ll also discuss how to use monitoring and chargeback to help manage Infrastructure as a Service on IBM Z. | Michael Snihur |
| z/VM Maintenance, Service, and Upgrades | Keeping your z/VM system up to date can seem daunting at first. In this presentation we'll talk about the processes and procedures you need to know to keep current with service. As a bonus, we'll talk about planning your upgrades to new releases! | Alan Altmark |
| z/VM RACF: The Right Way | In this session we will talk about the right way to deploy RACF on z/VM. The speaker has done many RACF deployments and has strong opinions on what constitutes the right way. (Yes, Virginia, there is a wrong way!) We'll talk not only about policy, but about the mechanics of deploying RACF the right way the first time. | Alan Altmark |
| z/VM Virtual Switch | The z/VM virtual switch is a powerful option for connecting your virtual machines to an external network. We'll discuss various deployment options and use cases, including IEEE VLANs, link aggregation, global VSWITCHes with shared link aggregation port groups, priority queuing, and the HiperSocket bridge. We'll even spend some time talking about how to diagnose problems. | Alan Altmark |
| What's Going Wrong: LPAR Weights | In my job I often look at MONWRITE data from customer systems. Recently I have seen a rash of data showing me CPCs where the LPAR weights were not set correctly. The consequences were less-than-optimal configurations and in some cases just plain poor operation. In this presentation I review basic concepts about LPAR weight, the notion of entitlement, how to recognize configuration problems, and how to correct them.  I also point out some techniques, tools, and references that might help. | Brian Wade |
| Do you know how to maximize your VSE performance | The demands of a highly productive, results generating VSE environment, are essential for the success of the enterprise. As requests continue to flood the queue and scale upward, the one place that can be reviewed, tweaked, and refined, is the optimization and efficiency associated with execution. In this session, we will demonstrate areas to increase performance, analyze I/O utilization, optimize storage efficiency, evaluate program loads and more. The next step is to implement these insights which will pave the way to more efficient throughput and system execution. | Robert Dougherty |
| When Was the Last Time You Had a Security Health Check for Your z/VM Systems | With security laws and guidelines changing, auditors are scrutinizing and wanting more information for compliance purposes. There are ways for preparation and performing an in-depth review of the VM: Secure security settings and environment to make sure you are covered and getting the most out of your SCM. | Brian Jagos |
| The Transcript Ledger | The presentation will cover "The Transcript Ledger: A Hyperledger Fabric-Based Solution for Secure Transcript Management." This innovative project aims to address the critical challenges faced by educational institutions in managing and securely transferring official transcripts. Leveraging IBM's Hyperledger Fabric technology on Mainframe systems, the Transcript Ledger provides a robust and tamper-resistant environment for managing academic records. What to Know Before Attending: Before attending the presentation, it would be helpful for participants to have a basic understanding of blockchain technology and its potential applications in various industries. Familiarity with Mainframe systems and their significance in enterprise computing would also provide valuable context for appreciating the unique approach of the Transcript Ledger. Attendees can expect to gain insights into the specific implementation details of the project, including the utilization of Hyperledger Fabric and its integration with Mainframe infrastructure. The presentation will also highlight the benefits of the Transcript Ledger, such as enhanced security, transparency, and efficiency in the management of official transcripts. | Rene Bulnes Moreno |