

# SHARE 2024 KANSAS CITY

August 4-8, 2024

By Ed Webb



# AGENDA

- Why Go to SHARE?
- Odds and Ends
- Best Sessions
- Other Sessions of Interest
- SHARE Status

Cover: Cinderella's Castle at Walt Disney World in Florida (Personal by Ed Webb)

Here: Cartwheel Galaxy from James Webb Space Telescope  
Courtesy of NASA

Last slide: Disney's Tron ride at Walt Disney World in Florida (Disney Photopass)



# WHY GO TO SHARE?

- Mainframe Skills Council - customers and vendors and IBM
  - <https://newsroom.ibm.com/IBM-Mainframe-Skills>
  - Mainframe Skills Council - IBM, SHARE, other key organizations
- z/OS 3.1 [Announcement](#) Review and Upgrade Planning
- Late-breaking z/OS 3.1 News - 2Q2024 Continuous Delivery Functions
- Networking with peers and IBM developers and executives

# WHY GO TO SHARE?

- **SHARE Requirements Carry More Weight with IBM than Ideas (were RFEs)**
  - On SHARE site, use Vote for Submission to more easily view text of requirement
    - <https://www.share.org/Connect/Advocacy-Requirements-System>
  - [www.ibm.com/ideas](http://www.ibm.com/ideas) z/OS direct link
  - Submit tactical rather than strategic Ideas

# WHY (DO I STILL) GO TO SHARE?

- Because I'm a Z Person who has attended these conferences since 1979; first at GUIDE starting in 1979, then at SHARE in 1999
- Networking with Friends and Vendors
- Staying Current and Being Re-energized about z/OS
- SHARE Emeritus Membership eliminates Membership Cost
  - Dramatically Reduces Registration expenses
- Walt Disney Experience at KC Museum!

# SHARE 2024 KANSAS CITY

5 Days In-Person and Some Recordings!

- Four Days Full of Content with some sessions recorded
- SHARE Opening Reception Sunday evening with food
- SHARE Tech Exchange Monday and Tuesday evenings with food
- SHARE Tech Exchange Wednesday lunch with food
- Lunch (free) and Learn Sessions on Monday and Thursday
- Broadcom-sponsored Lunch (free) on Tuesday
- Recorded sessions are available soon (Ends December 31, 2024)
  - 45-50 minute sessions - video and audio with handouts in most cases
- SHARE Partners with dedicated sessions on Tuesday

# ODDS AND ENDS

- Curious about some new z/OS function? Then locate details here:
  - <https://www.ibm.com/support/pages/new-function-apars-zos-platform>
  - <https://www.ibm.com/support/z-content-solutions/management-services>
- New to [Z Community](#) - IBM Training for Z jobs



## EDUCATE

The latest lessons and news from developers, industry experts and fellow users.

## NETWORK

Make lasting professional connections that provide answers and value year-round.

## INFLUENCE

Help improve future product releases faster by joining forces with other SHARE members.

**SHARE®** is an independent volunteer-run information technology association that provides education, professional networking and industry influence for the enterprise IT community.

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In-person and online events are a hallmark of SHARE, where plentiful learning and networking benefit the entire community.

#### ABOUT SHARE EVENTS

- Event Calendar
- Partner Opportunities

#### PAST EVENTS

- Proceedings

#### SHARE ORLANDO 2024

- Schedule-at-a-Glance
- Technical Agenda
- Focus Areas

#### SHARE KANSAS CITY 2024

- Call for Presentations

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## EVENTS

### PROCEEDINGS FILE LIBRARY

Access the archive of SHARE Proceedings to view content from past SHARE events, including past session presentations and handouts. The SHARE Proceedings library is a **SHARE membership benefit**, and you must be a **SHARE member** to view the full content.

**Session recordings for past events are only available to those who registered for the event. Full event PDF proceedings are available to ALL SHARE members.**

With enhanced search functionality, you can find the exact content you are looking for quickly and easily. Try the filters to drill down by the hot topic subject area of your interest across years of SHARE events. You can also use the search box to view the entire archive by the key search terms of your choosing. Click the "Tags:" underneath each header to take a deep dive into all content related to your interest.

### search



Number of search result: **202**

### FILTER BY:

**ISPF Hints, Tips, and Recent Improvements**

# BEST SESSIONS

## Core Tech z/OS Track Welcome

By Art Gutowski of Huntington Bank and others

- Core Tech Track includes z/OS Systems programming, hardware, storage, communication server
- Art G. is retiring from Core Tech to become President of SHARE!
- Becky Parchman of BMC and another person are taking over Core Tech leadership

# BEST SESSIONS

## Core Tech z/OS Track Welcome

- Critical z/OS Service APARs by John Shebey of IBM
  - OA66647 z/OS Unix with Shared File System sysplex
    - Fixes New Function PTF (UJ94645/6) Error
    - PTF target is August 9
    - Recovery steps are available
  - OA66785 z/OS Unix with Shared File System sysplex
    - Fixes another error in UJ94645/6
    - If use NEWROOT swap, then rolling IPL of sysplex to recovery
    - APAR still open
  - OA66439 RSM HIPER Pervasive
    - Base z/OS 3.1 and with certain PTF in 2.5
    - During Summary Dump Processing, Lock not released, random abends
    - PTFs available July 1, 2024

# BEST SESSIONS

## Core Tech z/OS Track Welcome

- Critical z/OS Service by John Shebey of IBM
- Red Alert
  - 20240621 Db2 V12 and V13 for z/OS users: undetected data loss
- PSP buckets (preventive service buckets)
  - No longer published on the web
  - Not being created for new IBM Z products
  - Existing PSP buckets still available via <https://www.ibm.com/ibmlink>

# BEST SESSIONS

## Core Tech z/OS Track Welcome

### **z/OS Simplification Over The Years**

- by John Petreshock, z/OS principal product manager and Shelley Brand, IBM
- z/OSMF and other work over past 20 years
- Design Thinking started about
  - z/OS 2.2
    - z/OSMF changes, WAS Liberty instead of full WAS - reduced footprint and CPU
  - z/OS 2.3
    - autostart z/OSMF
    - RACF PARMLIB, parallel sysplex in z/OSMF
    - Software Management to use common process to download portable software packages
  - z/OS 2.4
    - zCX, SCA, desktop interface, multi-tasking
    - Assembler Exit Reduction

# BEST SESSIONS

## Core Tech z/OS Track Welcome

### **z/OS Simplification Over The Years (continued)**

- z/OS 2.5
  - NOSQL VSAMDB data set on z/OS
  - Sysplex CFRM Policy Editor
  - z/OSMF Software Management (July 2022) for ServerPac install
  - Assembler Skills Reduction
    - More C headers
    - JES2 policy-based exits
  - RMM plug-in for z/OSMF

# BEST SESSIONS

Core Tech z/OS Track Welcome

## **z/OS Simplification Over The Years (continued)**

- z/OS 3.1
  - z/OS change tracker
  - CFRM policy editor for CF sizing
  - z/OSMF REST services for Workflows and Ansible
  - Cloud Device Access (CDA) services for single API to get data across all Cloud data platforms
  - AI capabilities for WLM



# BEST SESSIONS

Core Tech z/OS Track Welcome

## **z/OS Simplification Over The Years (continued)**

- Other efforts
  - IBM Z Ordering for “free software”
    - Open Enterprise SDK Python
    - IBM Z Open Automation Utilities (ZOAU)
    - IBM Open Enterprise Foundation products
  - IBM Z Community Skills and Training
    - Badges, Mainframe Skills Council, New-to-Z community groups

# BEST SESSIONS

Core Tech z/OS Track Welcome

## **z/OS Simplification Over The Years (continued)**

- Pain points from new System Programmers
  - Onboarding is years of effort and doesn't fit career path expectations
  - Educational material may be difficult to obtain in school or on the job
  - Specific skills needed to learn are difficult, unique skills with high stakes
- Long time before new users can tinker, and longer still before new users are given core responsibilities

# BEST SESSIONS

Core Tech z/OS Track Welcome

## **z/OS Simplification Over The Years (continued)**

- IBM's efforts to reduce Pain points
- 4 simplification principles
  - Consolidate, standardize, remove unnecessary or obsolete, educate
- Simplification governance board
  - Support IBM product teams to simplify
  - Identify work groups

# BEST SESSIONS

Core Tech z/OS Track Welcome

## **z/OS Simplification Over The Years (continued)**

- Developed specific projects design
- Announced and active
  - Watsonx Assistant for Z and Watsonx Code Assistant for Z
  - AI integration into z/OS
- Projects under consideration
  - Infrastructure as code
  - New user experience for z/OS

# BEST SESSIONS

## Core Tech z/OS Track Welcome

### **z/OS Simplification Over The Years (continued)**

- Developed specific projects design
- Cross-platform work groups under consideration
  - APIs for SYS management
  - Terminology standardization
  - Reducing configuration parameters
  - Automation strategy (levering Ansible)
  - Installation
  - Problem analysis and resolution

# BEST SESSIONS

## Core Tech z/OS Track Welcome

### **z/OS Simplification Over The Years (continued)**

- Ideas - user-friendly console
  - z/OSMF console requires login
  - Green screen looks old
  - Z hardware configuration is difficult for new users
- z/OS Client Engagement
  - z/OS Sponsor Users
  - z/OS Function alpha
  - z/OS Function Beta
  - z/OS Release beta....
  - Contact [shelley.brand@ibm.com](mailto:shelley.brand@ibm.com) to participate

# BEST SESSIONS

## What's New in z/OS 3.1: The Kansas City Edition

By Dave Surmon, Steve Warren, Marna Walle of IBM

- Latest Compiler Offerings on z/OS
  - IBM Open XL C/C++ 2.1 compiler
  - At no charge and no service charge:
    - Open Enterprise SDK for Python,
    - IBM Z Open Automation Utilities (ZAOU), and
    - IBM Open Enterprise Foundation for z/OS

# z/OS 3.1 Release Overview – z/OS support summary

| Release   | z10 EC<br>z10 BC<br><b>WdfM</b> | z196<br>Z114<br><b>WdfM</b> | zEC12<br>zBC12<br><b>WdfM</b> | z13<br>Z13s<br><b>WdfM</b> | z14<br>ZR1<br><b>WdfM</b> | z15 | z16 | End of Service    | Extended Defect Support |
|-----------|---------------------------------|-----------------------------|-------------------------------|----------------------------|---------------------------|-----|-----|-------------------|-------------------------|
| z/OS V2.2 | X                               | X                           | X                             | X                          | X                         | X   | X   | 9/20              | 9/23 <sup>2</sup>       |
| z/OS V2.3 |                                 |                             | X                             | X                          | X                         | X   | X   | 9/22              | 9/25 <sup>2</sup>       |
| z/OS V2.4 |                                 |                             | X                             | X                          | X                         | X   | X   | 9/24 <sup>1</sup> | 9/27 <sup>2</sup>       |
| z/OS V2.5 |                                 |                             |                               | X                          | X                         | X   | X   | 9/26 <sup>1</sup> | 9/29 <sup>2</sup>       |
| z/OS 3.1  |                                 |                             |                               |                            | X                         | X   | X   | 9/28 <sup>1</sup> | 9/31 <sup>2</sup>       |

**Notes:**

- <sup>1</sup> - All statements regarding IBM's plans, directions, and intent are subject to change or withdrawal without notice.
- <sup>2</sup> - Extended support dates are projected and are subject to change or withdrawal without notice.

**WdfM** - Server has been withdrawn from Marketing

**Legend**

|   |
|---|
| Defect support provided with IBM Software Support Services for z/OS |
| Generally supported   |



# BEST SESSIONS

## What's New in z/OS 3.1: The Kansas City Edition

- z/OS Software Package Signing (CD)
  - IBM Portable Software Instances being signed with intro of 3.1 (optional use)
  - Exploitable by ISVs such as Broadcom
- Python AI Toolkit for IBM z/OS 1.1
  - Free and paid versions
- AI Toolkit for IBM Z and LinuxOne
  - Free and paid versions

# BEST SESSIONS

## What's New in z/OS 3.1: The Kansas City Edition

- z/OS Management Services Catalog (CD) is Dead
  - Use Ansible scripts
- Java releases determined by Oracle
  - z/OS 3.1 required Semeru 11 (support extended to Nov2025)
  - z/OS 3.1 now requires S17 with recent set of PTFs
  - and expect S21 before z/OS 3.1 End of Service (EOS)
- zShell (Zsh) on z/OS
- EzNoSQL APIs

# BEST SESSIONS

## What's New in z/OS 3.1: The Kansas City Edition

- z/OS Anomaly Mitigation - PFA, RTD, SLIP/PER
- z/OSMF PARMLIB App
  - 38 members supported
  - Syntax Validation REST APIs
- z/OS Unix Skulker enhancements
- z/OS Change Tracker (priced feature) includes new Compare Resources

# BEST SESSIONS

## What's New in z/OS 3.1: The Kansas City Edition

- z/OS Education Assistant for z/OS 3.1 materials at z/OS github:
  - <https://github.com/IBM/IBM-Z-zOS/tree/main/zOS-Education/zOS-3.1-Education>
- z/OS Requirements (RFEs) are now Ideas based on AHA platform:
  - <https://ideas.ibm.com>
- Here's the Link to User Requirements satisfied by z/OS 2.5 (any in 3.1?):
  - <https://www-01.ibm.com/servers/resourcelink/svc00100.nsf/pages/zosv2r5-user-req?OpenDocument>
- Use SHARE requirements to submit requirements
  - <https://www.share.org/Connect/Advocacy-Requirements-System>

# BEST SESSIONS

## Upgrading to 3.1: Planning (1 of 2)

By Aaron Kippins and Marna Walle of IBM

- JES2 is only subsystem on z/OS 3.1
- JES3 is not available from IBM (talk to Phoenix Software)
- z/OS Security Level 3 must be ordered explicitly (unless you're from a U.S. government-embargoed country)
- KC4Z removed, will be replaced by DOC4Z sometime
- CIM server dependency removed in z/OS Next
- Bypassable Reqs - see Marne's Blog <https://www.marnasmusings.com>

# BEST SESSIONS

## Upgrading to 3.1: Planning (1 of 2)

- **Ordering a deliverable**
  - z/OS 3.1 - Ordering started Sept. 19, 2023
    - requires entitlement (new version but no price change) so get human involved
  - Crypto 2.5 HCR77D2 and 3.1 HCR77E0 are incorporated
- No charge orderables but require S&S paid:
  - IBM AI System Services for IBM z/OS
  - SDK for Node.js 16.0 and 18.0 (20.0 not yet supported by Zowe)

# BEST SESSIONS

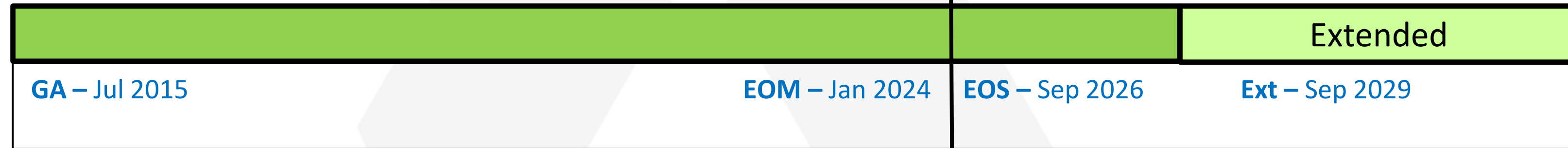
## Upgrading to 3.1: Planning (1 of 2)

- **Ordering a deliverable (continued)**
- IBM Semeru Runtime Certified Edition [Java] for z/OS V1.11
  - ==>> z/OS 3.1 requires this Semeru 11 - EOM Apr2024 and EOS ~~Nov2024~~Nov2025
  - ==>> z/OS 3.1 Will Require Semeru 17 (order 11 and 17)
- Semeru support cycle is 2 years while z/OS is 5 years so get use to changing Java Semeru releases during a z/OS life-cycle
  - FIXCAT for ...Semeru\*
  - .../current symlink points to newest Java and may break applications that depend on older Java

# Java on z/OS release lifecycle

2015 2016 2017 2018 2019 2020 2021 2022 2023 2024 2025 **Today** 2026 2027 2028 2029 2030 2031+

Java 8 (Enhanced 5+3)



Semeru 11 (Standard 3+2)

OpenJDK community

★  
GA – Sep 2018

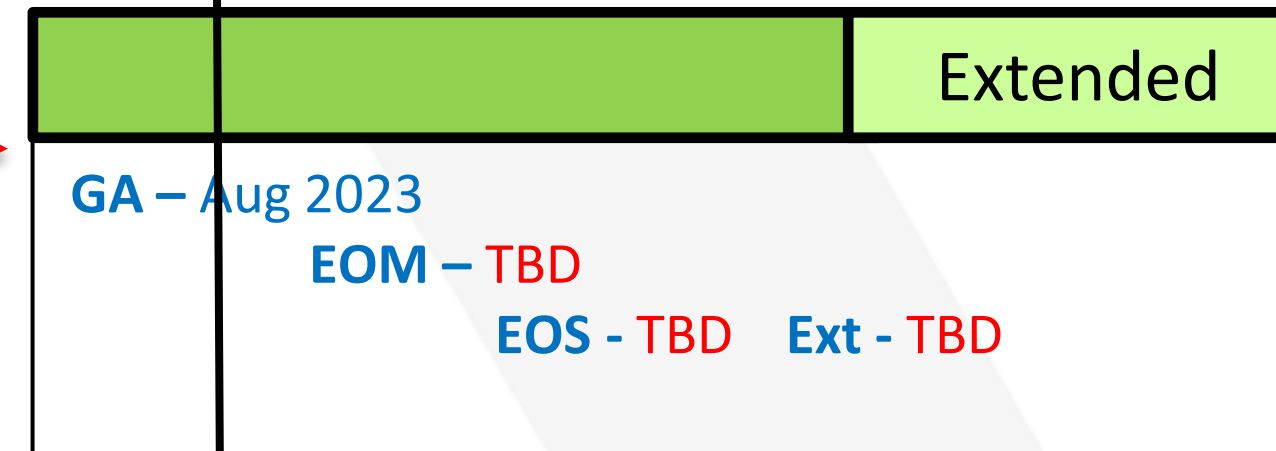


Semeru 17 (Standard 3+2)

Note: Oracle reduced Java release cycle from every 3 to 2 years

OpenJDK community

★  
GA – Sep 2021



Supporting Java 17 on z/OS:



Semeru 21 (Standard 3+2)

OpenJDK community

★  
GA – Sep 2023

Statement of general direction ([SOD link](#))

Continuing the commitment to Java for IBM Z, IBM intends to deliver a subsequent IBM Semeru Runtime Certified Edition for z/OS compatible with the next Long Term Supported release of Java, currently designated to be Java Standard Edition 21.

Explore the latest within the Java ecosystem on IBM Z - Session 10318 - James Tang



# BEST SESSIONS

## Upgrading to 3.1: Planning (1 of 2)

- **Ordering a deliverable (continued)**
  - IBM Open Enterprise SDK for Python
  - IBM Z Open Automation Utilities (ZOAU)
  - IBM Z Open Enterprise Foundation
- You can Port SMS to non-SMS during PSI install
- Run Health Checks early and they will be run by z/OS 3.1 upgrade workflows

# BEST SESSIONS

## Upgrading to 3.1: Planning (1 of 2)

- z/OS Support policies
  - IBM.Coexistence.z/OS.3.1
    - Use IBM.Coexistence.z/OS.\* for FIXCAT
- Target System DASD sizing
  - Target, DLIB and Fonts libraries - PDS and PDSE (about same as 2.4 and 2.5)
  - Root 4500>5600 CYLs - Extended Addressability volume is strongly recommended
- Driving System
  - z/OS 2.4 or z/OS 2.5 with z/OSMF active and Software Management available
  - ~~READ access to CB.OS\* and CB.ST\* data set names~~
  - APPLY Driving System PTFs using FIXCAT IBM.DrivingSystem-RequiredService

# BEST SESSIONS

## Upgrading to 3.1: Planning (1 of 2)

- Upgrade workflows (WF)
  - /usr/lpp/BCP/upgrade has Workflows for 2.4>3.1 or 2.5>3.1
- Updates to 3.1 upgrade workflow will have same FIXCAT
  - “Create new based on existing” to pick up updates and continue your WF
- Reordered steps by time sequence instead of component order
  - HOLD Action PTFs are in WorkFlow, so if PTF is installed WF skips steps
  - Automatically runs REPORT MISSINGFIX
- General z/OSMF Portable Software Instance (ServerPac)
  - <https://www.ibm.com/support/z-content-solutions/serverpac-install-zosmf/>

# Upgrading to z/OS V3.1: Planning Summary



- **Changing content of z/OS 3.1**
  - New z/OS content: XML Toolkit, Change Tracker, DFSMStvs is included in the base
  - Removed in z/OS V2.5: HFS
  - Removed in z/OS 3.1: **JES3, ISFPARMS**, Alternate Base, CommServer Security L3, ...
- **Timeline of z/OS ordering and deliverables** associated products to consider
- **z/OS Policies**
  - Three consecutive releases (V2.4 → 3.1) for coexistence, upgrade, fallback.
- **Ensuring System Requirements are Satisfied**
  - Driving, Target SW, Target HW, and Coexisting System Requirements
    - z/OS 3.1 requires **z14** or later
    - Memory requirements: **8 GB** “native”, or 2 GB zPDT or under zVM of memory
    - Target system requirements: general Java SDK 11 functional requirement.
    - Use FIXCATs `IBM.TargetSystem-RequiredService.z/OS.3.1`, `IBM.Coexistence.z/OS.3.1`, `IBM.Function.HealthChecker`, `IBM.TargetSystem-RequiredService.Semeru.*` ...
- **Use IBM Health Checker for Upgrade Actions:** Install and activate checks
- **Use z/OSMF Workflow for z/OS 3,1 Upgrade:** Goodbye, book!
- **z/OSMF is the ServerPac driving system as of July 10, 2022!**
  - This includes all ServerPacs, including middleware.

**Attend Upgrading to z/OS 3.1: Part 2 Technical Actions for an overview of the upgrade actions!**

# BEST SESSIONS

## Upgrading to 3.1: Technical Actions (2 of 2)

- By Marna Walle of IBM
- What is an upgrade action? Not exploitation, just getting current stuff running on 3.1
- Upgrade actions
  - Now, Pre-First-IPL, Post-First IPL is new order for Upgrade Workflow steps
  - Step types are Required, Required-IF, and Recommended
  - Overview to 3.1 from 2.5 or 2.4
    - 2.4>2.5 issue ZAD-related [WSC TechNote 7162097](#)
    - No new address spaces
    - SDSF cleanup: ISF.SISFLINK and SISFMIG removed from LPALST and LNKLST
    - New in 3.1: XML toolkit target, dlibs, paths
    - **Required for all sysplexes: SSD-capable sysplex couple data sets**
    - Parameter passing in JCL will be in non-executable storage
    - Recommended: Update DIAGxx: CBLOCVIRTUAL31 (IHAASVT)
      - Use less SQA below the 16Mb line
    - JES2 Resource Limiting enabled by default



## Upgrade actions at V2.5 you should not overlook:

1. **z/OSMF ServerPac driving system requirement.**
2. **HFS removal**
3. **Use only SAF-based security to protect SDSF functions**
4. **Activate JES2 z22 mode**
5. **Perform updates for RMF structural changes**

mig

mig

mig

***Plus...***

# "Big Migs" occurring on 3.1



## Upgrade actions at 3.1 you should not overlook:

1. **Update your z/OS functional dependency to Semeru 17 prior to November 30, 2025 (verify JAVA\_HOME)**
2. **IBM JES3 removal**
3. **Use dynamic statements for SDSF configuration, not assembler macros.**
4. **Sysplex couple data sets are System Status Detection (SSD) capable**
5. **OpenSSH new ported level, 8.4p1**
6. **z/OSMF Workflow definition files for undeclared referenced entities, before 3.1 IPL.**
7. **zCX Workflow instances should be completed, before 3.1 IPL.**



# BEST SESSIONS

## z/OS 3.1 User Experience

By Ed Jaffe of Phoenix Software International

- z/OS RFA [\*\*223-012 Announcement\*\*](#)
- Phoenix was first vendor in the world to deliver a z/OSMF PSI-based product set
- SPEs have new name:
  - Continuous Delivery New Function APARs [\*\*IBM.com/support/pages/new-function-apars-zos-platform\*\*](#)
  - IBM averaging 7.5 SPEs a week up from 6.5 at previous SHARE in March 2024



# BEST SESSIONS

## z/OS 3.1 User Experience

- z/OSMF Security Configuration Assistant (SCA)
  - z/OSMF plug-in built on Security Definition Files (SDF)
  - Ed J. experimented with own Security Definition Facility
  - See `/usr/lpp/sca/sdffile` on your system for SCA security definitions
- z/OS CF (Coupling Facility) Sizing
  - Needs values which are unknown or hard to find, wish the app gathered some of the data itself

# BEST SESSIONS

## z/OS 3.1 User Experience

- z/OSMF WLM Policy Advisor
  - Provide SMF data file but support for multiple systems (multiple files) is lacking
  - Color selection not great: red is bad, pink is OK - confusing
- SMF Explorer with Python
  - very dependent on Python level
  - Requires running a separate z/OSMF Server!
- z/OSMF File and Data Set Upload and Download
  - Just shows data set names, needs to show more info
  - Migrated data set shows as missing , not migrated

# BEST SESSIONS

## z/OS 3.1 User Experience

- z/OSMF Swagger Interface
  - Ad hoc to test REST APIs
  - `/zosmf/api/....`
- z/OS System UUID
  - Show which Software Instance in z/OSMF associated with which SMP/E CSI
- Data Set Filesystem (DSFS)
  - In 3.1, now supports JES SYSOUT data sets
  - Extattr utility enhanced

# BEST SESSIONS

## z/OS 3.1 User Experience

- Knowledge Center for z/OS replaced by IBM Doc for z/OS
  - Doc4z still missing, use KC4z 2.5 version as a band-aid
- IPCS IEAVHELP (follow-on to 2.6i)
  - 48 new commands
- ASVT Above the 16M Line
  - CBLOCVIRTUAL31 (IHAASVT) was coded in DIAGxx
  - IBM services not affected but application code might break
- ABDISPCC= EXEC JCL Keyword
  - This is great! Waited a long time.

# BEST SESSIONS

Bit Bucket x'44'

## **Frustrated TSO/E Command Line**

by Ed Jaffe of Phoenix Software International (PSI)

- Using RACDCERT from TSO Ready
  - Hard to read Red-colored text on screen
  - No log of what you did
  - commands from Ready don't use wide screen, wraps at 80 columns
    - Unless wide screen on other displayed panel
- Using Zowe CLI [Command Line Interface]
  - Now Ed J uses z/OS UNIX prompt via SSH
  - Set alias for TSOCMD as T
  - Uses Rocket's terminfo from AppDev for Z
  - use DSFS to access output on JES SPOOL

# BEST SESSIONS

Bit Bucket x'44'

## **Fully Wired System Programmer REBOOT**

By Donna Hudi of Phoenix Software International (PSI)

- Originally by Sam Knutson starting at SHARE 20 years ago
- LISTSERVs like IBMMain, MVS-OE, ISPF-L (died years ago but link goes to new site)
- IBM Tech Xchange Community
- Open Mainframe Project (OMP) Slack Channels
- Redbooks, z/Arch Principles of Operations
- Blogs and Webinars - IBM Community and Open Mainframe
- Interskill Learning - individual pricing available
- IBM Z Xplorer Learning Platform (was Master the Mainframe)

# BEST SESSIONS

Bit Bucket x'44'

## **Java Jive**

By Tom Conley

- Customer app needed Java 17 but running V2R4
- IBM intends to support Java for all supported releases

## **It's a Small zFS, After All**

By Tom Conley

- challenges with zfsadm shrink
- See Tom's Ideas in IBM Ideas zOS-I3390/3

# BEST SESSIONS

Bit Bucket x'44'

## **CBT USERMOD Collection for ISPF (CUCI)**

By Tom Conley

- File 967 on [cbttape.org](http://cbttape.org)
- Several enhancements for ISPF in CUCIVIR8 for 20230704
  - Fix issues and add capability to HIGHLIGHT
  - Now PYTHON and JAVA supports ASCII as well as EBCDIC
  - fixed problems
  - Added `/* REXX */` to some execs that were missing them so HIGHLIGHT worked
- CUCIVIR9 coming soon
  - YAML Highlighting
  - Make all highlighting ASCII-aware



# SESSIONS OF INTEREST

## JES2 Product Updates

By Tom Wasik, IBM JES Architect

- JES2 3.1 Enforces Limits on TGs [Track Groups] and JOEs [Job Output Entries]
- Environment for each option
  - If small “job”, that is,  $TG < 10K$  or  $JOE < 600$ 
    - then wait any job using more than 75%
  - If Large “job”, that is,  $TG > 10K$  or  $JOE > 600$ 
    - then wait job using more than 25%
  - Default is Wait
- Any job will be waited
- Control via `JOBCLASS` or Policy or Exit

# SESSIONS OF INTEREST

What's New for z/OSMF 3.1

## **Don't Despair, There is help for z/OSMF**

- [One Stop Hub](#)
- Join [IBM Z Communities](#) to communicate with kindred spirits or lost souls
- z/OSMF Guild [home page](#)
  - Archived presentations back into 2021

# STATUS OF SHARE

- **SHARE 2023 New Orleans highlighted 2 Changes:**
  - **SHARE Individual Membership (New in 2023!)**
    - \$199 starting January 2024
    - Affiliate Membership at \$99 may still be available
  - **SHARE Changes for Program and Projects**
    - They are now called Focus Areas and Tracks
    - Some ongoing impact at Future SHAREs

# STATUS OF SHARE

- SHARE 2025 Washington, D.C. will be a full four-day conference February 23-27, 2025
- [Call for Presentations](#) Ends on Sunday, September 15, 2024
- Registration opens in a few weeks
- Visit SHARE's [Event Calendar](#) for more details soon.



### EDUCATE

The latest lessons and news from developers, industry experts and fellow users.

### NETWORK

Make lasting professional connections that provide answers and value year-round.

### INFLUENCE

Help improve future product releases faster by joining forces with other SHARE members.

**SHARE®** is an independent volunteer-run information technology association that provides education, professional networking and industry influence for the enterprise IT community.

[Learn more.](#)

Online forums, a member directory and volunteer opportunities are but a few of the channels available for SHARE members to connect with peers and industry experts.

## VOLUNTEER

- About SHARE Volunteers
- Open Volunteer Positions
- Volunteer Recognition

## RECOGNITION

- Awards
- In Memoriam

## MEMBERSHIP

- Benefits
- Join Now
- Member Directory
- User Profile

## SHARE PROGRAMS

- Application Architecture Development Integration Program
- Enterprise Data Center Program
- Enterprise-wide Program
- Information Management Program
- Linux and VM Program
- MVS Program
- Women in IT
- zNextGen

## COMMUNITIES

## ADVOCACY & REQUIREMENTS SYSTEM



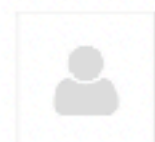
# SHARE

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## SHARE Communities

SHARE online communities provide members and volunteers a place to connect over specific hot topics and ongoing volunteer programs and projects. The online communities offer discussion forums to engage on the latest enterprise IT trends, solutions to your technology issues and file sharing. To access the communities you are a part of login. If you are interested in joining a volunteer community. [Please fill out the form here.](#)

### Latest Discussions



**zSecure Error trying to run Reports in Batch - File ...**

By: **David Astemborski**, 25 days ago

Posted in: **Security and Compliance (SEC) Open Community**

### Upcoming Events

**SHARE Columbus 2022**

Aug 21, 08:00 - 17:00 (CT)

The background image shows two men riding a virtual reality bike simulator. They are in a dark, futuristic environment with glowing blue and cyan light trails and structures. The man on the left is wearing glasses and a grey shirt, while the man on the right is wearing a black shirt. Both have their mouths open in excitement. The bike has glowing blue wheels and handlebars.

# QUESTIONS?

Next SHARE is in Washington, D.C. on February 23-27, 2025