

SHARE AUGUST 2018

AUGUST 12-17, 2018
ST. LOUIS, MO



AGENDA

- Why Go to SHARE?
- Odds and Ends
- Best Sessions
- Sessions of Interest
- z/OS Service Status
- SHARE Status

WHY GO TO SHARE?

- IBM review of z14 and z/OS 2.3 functions and late-breaking news
- Networking with peers and IBM developers and executives re-energizes your z work back home
- SHARE Requirements Carry More Weight with IBM than an individual RFE
- IBM's committed to satisfy 20% of SHARE Core Technology Top 80 Requirements in z/OS 2.3
 - Delivered 5, Rejected 6, Planned 4 of Top 82

ODDS AND ENDS

- Request for Enhancements (RFE) for new suggestions or requirements to IBM
 - <http://www.ibm.com/developerworks/rfe/>
- IBM z14 HMC Does Not Have Classic Interface
 - Order It Now for your z13 HMCs
 - Mobile HMC app for iOS and Android
 - **“Starbucks IPL”**
- Search for 'share inc a2z' for SHARE App

ODDS AND ENDS

- August 2017 Hot Topics #31 magazine is a Great Reference for z/OS V2R2 Topics
 - <http://www-03.ibm.com/systems/z/os/zos/library/hot-topics/hot-topics.html>
- Hot Topics Now Maintained by IBM Systems Magazine
 - <http://ibmsystemsmag.com/mainframe/hot-topics/>
 - Recent Topics:
 - [Container Pricing for Z Brings Predictability to Costs](#)
 - [What to Do When Tape Delivery Disappears](#)

ODDS AND ENDS

- Space Control - we don't need it!
 - CKD is not cheap
 - Thin Provisioning instead
 - Space management by array faster than volumes
 - Useful life of space control is short as DS8K support will be out for 6 years by possible availability in 2020-2021
- Linklist can only have 255 extents total !

BEST SESSIONS THAT I ATTENDED

- **23346 Zowe UI: 21st Century Desktop for z/OS**
 - **By Rocket Software**
- Why? - Attract millennials to z/OS
- HTML5 and CSS, JavaScript/Typescript, Node.js, Angular.js, React.js
- HTML end-points and self-documented by Swagger
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- Browser-based TN3270 terminal emulator
- - No Internet Explorer support

BEST SESSIONS THAT I ATTENDED

- **23346 Zowe UI: 21st Century Desktop for z/OS (continued)**
- Technical capabilities
 - Single Signon
 - SAF-security
 - No external calls to download web content
 - Interface-based infrastructure
 - Desktop apps exchange data
 - Component reuse
 - Terminal emulator
 - Visual dataset browser, USS browser, job submission

BEST SESSIONS THAT I ATTENDED

- **23346 Zowe UI: 21st Century Desktop for z/OS (continued)**
- Zowe.org to download beta (z/OS and other pieces)
 - MFA is coming
 - JES Explorer, MVS Explorer for data sets, USS Explorer for files
 - Pre-req is z/OSMF (REST APIs)
 - New z/OSMF web interface, WorkFlow Editor
 - Apps can register capabilities that others can use
 - Demo of TEP replacing fat client with thin client
 - Rocket does Omegamon development for IBM
 - Command Line Interface requires node.js on desktop
 - Node server on z/OS or Not

BEST SESSIONS THAT I ATTENDED

- **21795 What's New in z/OS 2.3 – Gateway Edition**
 - By Gary Puchkoff of IBM
- z/OS 2.3 Requires z12 or later Z System
- 8 character TSO userid support
- SCRT Java version shipped in z/OS 2.3
- z/OS book pdf's are in ResourceLink
 - You can subscribe to changes
- z/OSMF 2.3 Migration Workflows via z/OS github page
- PMA (FMID HBCNC00) withdrawal statement of direction
 - z/OS V2.3 is planned to be the last release to include the SMP/E Planning and Migration Assistant (PMA)
 - Introduced in 1998

BEST SESSIONS THAT I ATTENDED

- **23150 Mainframe Hacking and the Dark Web**
 - by Mark Wilson of RSM Partners
 - Python is a primary hacking language
 - Google accesses 4% of what's on the web, other is the deep web, and the dark web
 - PEBKAC "Problem Exists Between Keyboard And Chair"
 - Search "Jimmy Kimmel password YouTube"
 - Do it - Multi-Factor Authentication MFA

BEST SESSIONS THAT I ATTENDED

23577 Code Signing When Pigs Fly

By John Eells of IBM

- Program Objects can be signed
- 950 PTFs closed every month (31 a day)
- 618 products for ServerPac install
- ++PROGRAM are always copied, never bound
- Load modules from PDS are fetched much faster than PROGRAMs
 - cannot be code-signed because of VCONs and ADCONs

BEST SESSIONS THAT I ATTENDED

23598 CA and IBM Collaborating? Yes, ...

by John Eells of IBM and Dawn Damore of CA

- Installation Strategy Status
 - Dialog-driven PTFs installations
 - CA delivered MSM in 2009
 - Later added FIXCAT and ERROR HOLDDATA
 - CA implemented SMP/E RECEIVE ORDER in Jan. 2018
 - CA MSM offered to any vendors but nothing happened
 - IBM started updating z/OSMF and SMP/E to support ISVs
 - CA offered the PTF parts of MSM to IBM for z/OSMF
- Initial z/OSMF code drop in 2018 maybe

BEST SESSIONS THAT I ATTENDED

23584 z/OS Executive panel

by David Jeffries, IBM VP of z/OS and many others

- Maria Boonie, former VP of z/OS, has move to Linux on z
- z/OS is heart of digital transformation
- z/OS mitigation available July 2018 OSPROTECT=1, minimal performance impact
- URL access to content loss - much restored, keep complaining about missing technical content

BEST SESSIONS THAT I ATTENDED

23584 z/OS Executive panel (continued)

- Pricing concerns
- JES3 Migration to JES2
- Shopz URL should be re-direct, Knowledge Center “sucks”
- New C3 Content Engine needs more user input
- ResourceLink Customer Feedback registration and pick interest levels to volunteer as a Sponsor User

SESSIONS OF INTEREST

22945 Are you curious about SR changes: New Support Experience

by Marg Bennett of IBM mbennett@ca.ibm.com
and John Goodson john_goodson@us.ibm.com

- SR and PMR are now Cases.
 - TSnnnnnnnnn (9 characters prefixed by TS)
- June 2017 for early adopters
- Mid-2018 distributed software now using Salesforce
- Hardware roll-out by country mid-2018 through 2019
- IBM Z and IBM i starting 2019
- ibm.com/mysupport is new, ibm.com/support and .../servicerequest
- ````code block```` to control formatting
 - Google search use `site:ibm` to look only at ibm content

SESSIONS OF INTEREST

- **23506 Bit Bucket x'38'**
 - by a host of characters
- Meltdown by Keith Sisson of Compuware
 - Meltdown APAR is use at Compuware, no visible impact so far
 - Required MCL lists at IBM Security Portal
 - Elpida T. says they tested on IBM internal systems worldwide,
 - no reported impact (May be 2-4%)

SESSIONS OF INTEREST

- **23506 Bit Bucket x'38' (continued)**
 - Moral Support Continued (started in Sacramento)
 - SoftwareXcel products withdrawn and replaced with z Systems
 - Premier Care (IBM 617-002) in 2017
 - Do we need these new paid offerings? See table in Bit Bucket handout or <http://www.vm.ibm.com/service/zmatrix.pdf>
 - Granular APAR Search for Z (see link)
 - APAR Tracking missing
 - See free APARTRAK node.js script from Phoenix
 - EJ is no longer using IBMLink/SoftwareXcel
 - **Q&A support is the advantage of SoftwareXcel**
 - **Severity One with Live Call is another advantage of SoftwareXcel**

SESSIONS OF INTEREST

23506 Bit Bucket x'38' (continued)

By Ed Jaffe

- IBM SOD regarding DFS/SMB Server
 - IBM z/OS SMB is level 1 (current level is 3.0)
 - July 17, 2017 Announcement Letter NFS will replace by SMB
 - Windows does not support NFS V4
 - Check Windows feature for NFS support
 - Review NFS/SMB comparison in handout

Z/OS SERVICE STATUS

- z/OS 1.9 End of Service was Sept. 30, 2010
 - z/OS 1.10 End of Service was Sept. 30, 2011
 - Two more years (until Sept. 2013) for a fee
 - z/OS 1.11 End of Service was Sept. 30, 2012
 - Two more years (until Sept. 2014) for a fee
 - z/OS 1.12 End of Service was Sept. 30, 2014
 - z/OS 1.13 End of Service was Sept. 30, 2016
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- z/OS 2.1 End of Service is Sept. 30, 2018
 - z/OS 2.2 End of Service is Sept. 30, 2020
 - z/OS 2.3 End of Service is Sept. 30, 2022
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- z/OS V2 has 5 years of Support plus 3 more years of fee-based Support



STATUS OF SHARE

SHARE STATUS

- SHARE Attendance Trending Upward
- SHARE Live! Recorded 30+ Sessions in Sacramento
 - 140+ registered by week's end (New Record! Again!)
- SHARE Execuforum Suspended
 - Not Delivering the Numbers
 - Under Evaluation
- Messenger Bags Given Away for Sacramento
- SHARE 130 was March 11-16, 2018 in Sacramento

SHARE STATUS

- SHARE Affiliate Rate is \$99 Per Year (no voting)
- SHARE Select Membership (Annual Corporate) includes SHARE Live! and Archived Sessions
- SHARE Monthly Webinars between Conferences
 - Registration required but free
 - Some vendor sponsored
- SHARE “Day” 8:30-5:15 (most breaks 15 min.)

SHARE STATUS

- [SHARE Mobile App](#) for iOS and Android
 - Earlier Availability
 - Sharing between devices still needs work
- Submit [Your Proposal](#) to Speak at SHARE in St. Louis by Friday, April 6, 2018
- SHARE Proceedings Access Needs SHARE Userid (free)
 - Go to www.share.org

SHARE SACRAMENTO EXHIBITORS

Seattle (2015)	Orlando (2015)	San Antonio (2016)	Atlanta (2016)	San Jose (2017)	Providence (2017)	Sacramento (2018)
47	52	54	54	49	52	50

7 New Exhibitors in Sacramento:

4 brand new to SHARE

- Computer Management Sciences
 - Model9
 - RSM Partners
 - SVA Software

3 returning after a few years

SHARE SACRAMENTO RESULTS

Number of People Onsite

Seattle (2015)	Orlando (2015)	San Antonio (2016)	Atlanta (2016)	San Jose (2017)	Providence (2017)	Sacramento (2018)
1,004	1,106	1,300	1,133	1,222	1,252	1,268

Number of Attendees (excludes exhibitors, compensated speakers, press, and staff)

Seattle (2015)	Orlando (2015)	San Antonio (2016)	Atlanta (2016)	San Jose (2017)	Providence (2017)	Sacramento (2018)
830	892	928	750	888	876	908

SHARE SACRAMENTO RESULTS

Number of Companies Represented

Seattle (2015)	Orlando (2015)	San Antonio (2016)	Atlanta (2016)	San Jose (2017)	Providence (2017)	Sacramento (2018)
290	314	358	545	259	236	259

SHARE SACRAMENTO RESULTS

First-time Attendees

Seattle (2015)	Orlando (2015)	San Antonio (2016)	Atlanta (2016)	San Jose (2017)	Providence (2017)	Sacramento (2018)
174	266	268	205	214	208	276

As a Percentage of Total Attendance

Seattle (2015)	Orlando (2015)	San Antonio (2016)	Atlanta (2016)	San Jose (2017)	Providence (2017)	Sacramento (2018)
17.33%	24.05%	20.6%	18.18%	17.5%	16.6%	27.8%

FUTURE SHARE LOCATIONS

SHARE St. Louis

August 12-17, 2018

America's Center Convention Complex
St. Louis, MO



SHARE Phoenix

March 10-15, 2019

Phoenix Convention Center
Phoenix, AZ

