



**VM Workshop**  
**BSI Update**  
**2020**

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# BSI Update

- OPTI-CACHE
- OPTI-WORKLOAD
- OPTI-TAPE
- OPTI-AUDIT
- IPv6/VSE
  - Previously known as TCP/IP-TOOLS

# BSI Update – IPv6/VSE

- Build 257 GA, IBM IPv6/VSE 1.3
  - August 2017
- Build 258rel28 now available
  - 258rel28 is Build 258 release 28
  - Rolling Updates
  - New features/fixes automatically included
  - Similar to z/VSE 6.2

# BSI Update – IPv6/VSE

- PCSS Space Switch PC support
  - Program Call Experimental Support Supplement
  - 20% less CPU sending request to the stack
  - Support limited by z/VSE'
- SACK ON|OFF for Selective ACK
- VSE/Power message sending job to RDR
  - 250-VSE/Power Info q,c.00000.nnnnnnnn
- BSTTFTPC alias commands
  - CD, DIR, GET, PUT, etc.

# BSI Update – IPv6/VSE

- Added IOCTL SIOCTTLSCTL support
  - BSTTATLS/BSTTPRXY and VWA (Virtel)
  - Extract client TLS certificate
- Added loopback packets to CAPTURE facility
  - Adjustments for large MTU sizes. E.g., Hipersockets
- Multiple BSTTUSST subtasks
  - Multiple BSTTVNET VTAM menus
- BSTTFTPS Passive Port Range
  - PASSIVE port count
- PROT C TLS FTP support
  - Encrypt command connection, clear text data connection
  - Not as secure, dramatically higher data throughput

# BSI Update - IPv6/VSE

- PASSIVE command in BSTTATLS/BSTTPRXY
  - PASSIVE port count start
- BSTTATLS 2000 sockets support
- BSTTVNET 4000 session support
  - Storage redesign, 2 strange PCOMM bugs vs. MS SNA Server
- BSTTSLF support
  - SLF = Secondary Log File (SAM Fixed Unblocked RECSZ 121)
  - If DLBL is present in JCL, used automatically
    - Only for batch client applications, not for stack, server usage
  - Sample REXX EXEC provided to read file
  - // EXEC REXX=REXXLFIL,PARM='BSTTSLF'

# BSI Update – IPv6/VSE

- INPUT/OUTPUT SAM dlbl VSAM
  - Extracts BLKSZ/RECSZ etc from VSAM catalog
  - Similar to SAM dlbl EPIC or SAM dlbl DYNAM
- ID SYSPARM support
  - Uses ID value from // OPTION SYSPARM='nn'
- Updated TXT2PDF REXX PROC to v20.115
  - Doc support for using TrueType external fonts
- Add PARM='NET:lib.slib.member.type'
  - Read stack startup from library member

# BSI Update - Opti-Workload

- CICS TS Workload Management
  - CICS/VSE only supported by older releases

<http://bsitcpip.blogspot.com/2016/03/cics-ts-workload-management-using-opti.html>



# BSI Update

- Questions?

# Thank you

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