
VSE/ESA V2.4 User Experience at the Oklahoma Department of Corrections

Stephen Frazier
stevef@doc.state.ok.us

Session E76



▼ Current Configuration 3/31/2000

- IBM 9672-R11 Processor
 - STK Iceberg Disk Array
- VM/ESA V2.4.0
- VSE/ESA V2.4.1
 - 3 guests (production, test, development)
 - CICS TS, ICCF, COBOL/VSE, TCP/IP, VTAM, OPTI-AUDIT
- VSE/ESA V2.3.1 - 1 guest (old test)
 - DOS COBOL

▼ **Current Configuration 3/31/2000** ***(continued)***

- SyncSort VSE 3.3 A - Syncsort, Incorporated
- BIM-LMON 1.2 A - B I Moyle Associates, Inc.
- 3270 SUPEROPTIMIZER/CICS 3.0.04-
BMC Software, Inc.
- DASD Inventory and VSAM Analyzer 4.10.6 -
Design Strategy Corporation
- ICCFSKAN - Mark Hanna & Associates, Inc.

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▼ **Current configuration *(continued)***

- MacKinney Systems, Inc. Products:
 - ▶ CICS/CEMT from Batch 5.2 (MTPBATCH)
 - ▶ CICS/MAPR II 4.6
 - ▶ LISTCAT PLUS 6.9
 - ▶ COBOL Glossary 4.1
 - ▶ JCLXREF 1.9

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▼ VSE/ESA V2.4 Installation

- VSE/ESA V2.4.0 Installed - Test Guest Nov 1999
- Test Guest Upgraded to VSE/ESA V2.4.1 Jan 2000
- VSE/ESA V2.4.1 Installed - Development Guest Jan 2000
- Installation of V2.4.0 went very smooth
- Programmers were not told they were using a new release
- Production Guest was upgraded on Mar 30, 2000
 - Operations was informed of the change **after** they ran month-end processing

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▼ VSE/ESA V2.4 Installation Cont.

- Upgrade from VSE/ESA V2.3.1 to VSE/ESA V2.4.1 - went very smoothly
 - Tech Support Guest had been running VSE/ESA V2.4.x since 1998 when it was still in beta testing
- Tips
 - Make sure all vendor products run on the new release
 - Had to get BMC Software, Inc. and MacKinney Systems, Inc. to upgrade a product
 - Install new levels of products on old system, before upgrading to new VSE/ESA release
 - Don't start using new features of new release until it has been in awhile

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What's New

- Most CICS Phases now 31 bit versus 24 bit
 - Make sure your 31 bit SVA is much larger
 - Added 6 meg to my 31 bit SVA
 - Reduced my 24 bit SVA by 1.2 meg
 - This caused my user start address to drop by 1 meg, and increased 24 bit system Getvis

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What's New cont..

- Make Your CICS Partition Large
 - ALLOC=90M
 - CICS apps recompiled with COBOL/VSE
 - Loaded in new 31 bit DSA
 - DSA Compression's < 1 per day. Much better
- Production ICCF (maintain production JCL)
 - Same region as normal CICS transactions now
 - Allows users to access both ICCF and CICS from a single logon - no switching
 - Submit jobs - open/close files without logging off/on

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▼ What's New cont..

- Passwords
 - ▶ With new BSM, no one can look up someone's password
 - ▶ If operations changes someone's password, new password is good for one time only
 - ▶ Some security rules can no longer be ignored by "helpful" operators

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▼ What's New cont..

- CICS Transactions
 - ▶ Harder for Programmers to write a transaction that will crash CICS
 - ▶ Use my favorite statement to programmers:
 - "If you program a (something that is not permitted like a zero subscript or an uninitialized variable), I can not guarantee that your program will fail every time".

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Gotchya's...

- When you wish to open or close a file from a CICS Terminal, do you enter:

1. CEMT SET, FILE (xyz),CLO

OR

2. CEMT SET,DATASET (xyz),CLO

????????????????????????????????



Gotchya's cont..

- If you entered 1
CEMT SET,FILE(xyz),CLO
you are OK.
- If you entered 2
CEMT SET,DATASET(xyz),CLO
It was removed from the CICS manuals
years ago. It is now removed from CICS.



Programs Not in SVA on My System

/* DFHAMP,SVA	? 0.0	121,952
/* DFHCESC,SVA	? 0.0	4,330
/* DFHCRNP,SVA	* 0.0	10,434
/* DFHCRQ,SVA	* 0.0	865
/* DFHCRR,SVA	* 0.0	2,142
/* DFHCRSP,SVA	* 0.0	3,062
/* DFHDBP1\$,SVA	* 0.0	5,012
/* DFHDMP,SVA	? 0.0	41,608
/* DFHEITMT,SVA	* 0.0	27,063
/* DFHEITSP,SVA	? 0.0	17,263
/* DFHEMTA,SVA	* 0.0	3,234
/* DFHEMTD,SVA	* 0.0	93,514
/* DFHEMTP,SVA	* 0.0	3,234
/* DFHEPSF,SVA	? 0.0	6,992

KEY ? = not tested BIM-LMON recommends them to be loaded
 * = during beta test BIM-LMON recommended them to be loaded but they may have caused errors. Not tested on GA
 NO = Caused Error described when loaded in on GA.

cont.

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Programs Not in SVA on My System..cont.

/* DFHEVAS,SVA	NO 0.0	Causes DUMP at CICS Startup	5,990
/* DFHJCRP,SVA	? 0.0		1,728
/* DFHPSBP,SVA	* 0.0		2,296
/* DFHPSIP,SV1	* 0.0		744
/* DFHPUP,SVA	? 0.0		17,352
/* DFHSIP31,SVA	NO 0.0	Prevents CICS Startup	793,912
/* DFHTBS, SVA	? 0.0		32,048
/* DFHTOR,SVA	? 0.0		55,552
/* DFHTPQ,SVA	* 0.0		4,036
/* DFHZATA,SVA	* 0.0		18,410
/* DFHZATD,SVA	* 0.0		5,962
/* DFHZATMF,SVA	* 0.0		1,626

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 NO = Caused Error described when loaded in on GA.

cont.

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Programs Not in SVA on My System (continued)

/* DFHZATR,SVA	* 0.0	1,928
/* DFHZATS,SVA	* 0.0	10,370
/* DFHZCQ,SVA	? 0.0	196,880
/* DFHZLS1,SVA	* 0.0	2,146
/* DFHZRLG,SVA	? 0.0	579
/* DFHZNAC,SVA	? 0.0	38,968
/* DFHZXRE,SVA	* 0.0	3,552
/* DFHZXST,SVA	* 0.0	17,366
/* \$IJEEDCT,SVA	NO 0.0 Abend	16,384

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