



Fresh Installation of VSEⁿ 6.3

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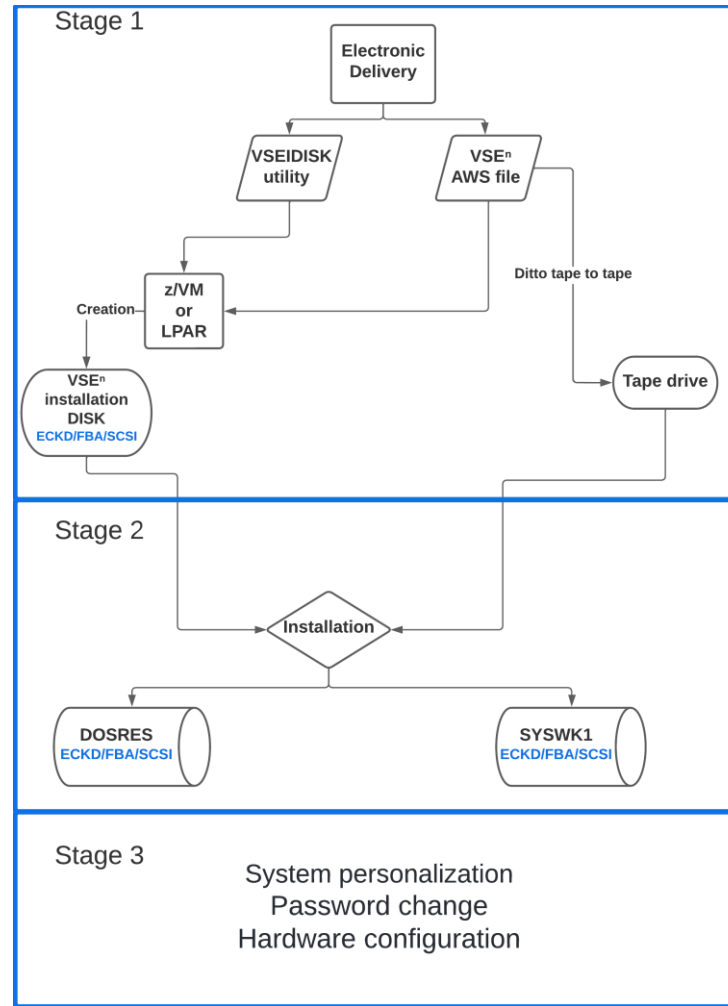
Agenda

- Introduction
- Why a fresh install?
- Installation Stages
 - IDISK
 - Initial installation
 - Post Install
- Conclusion

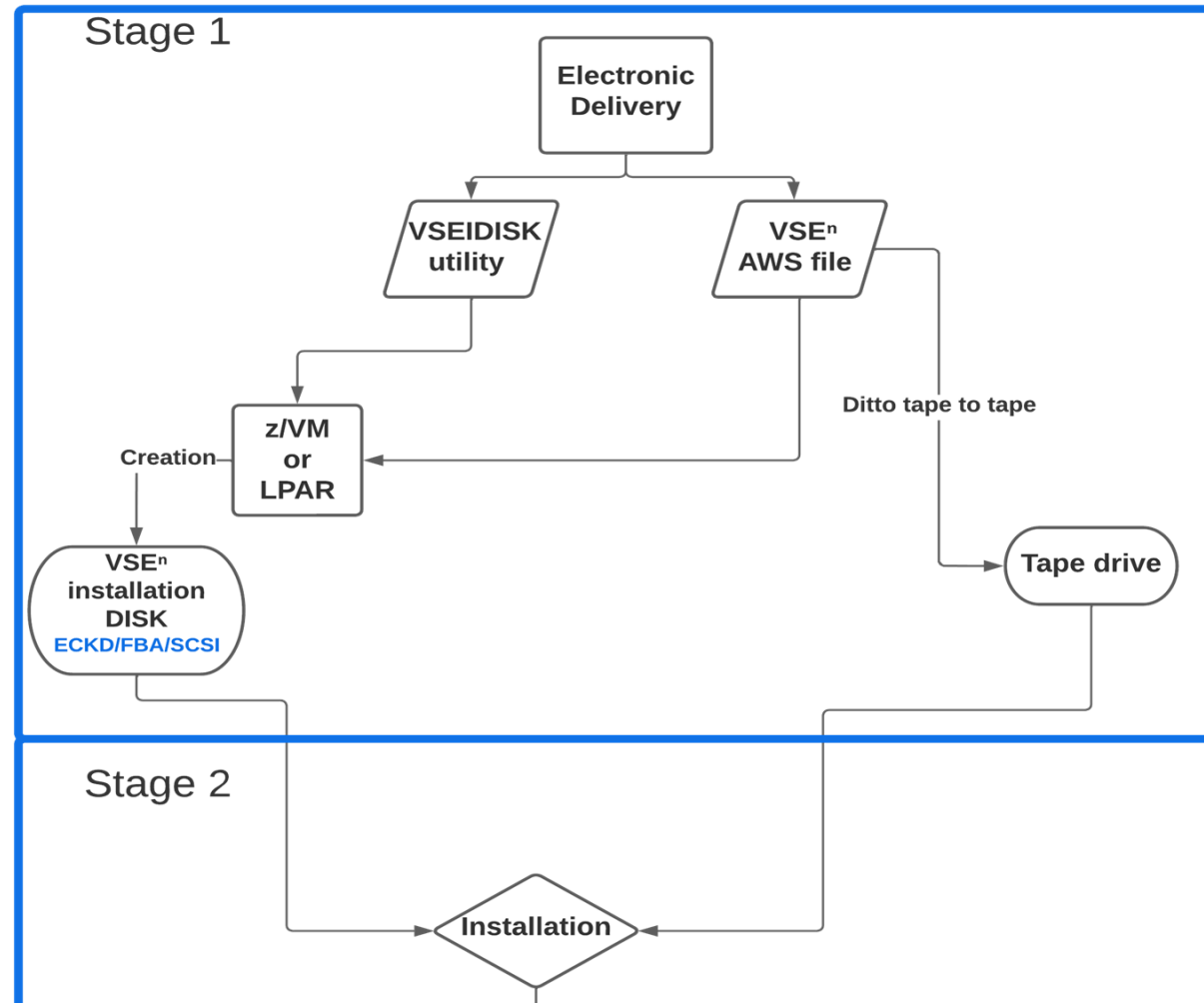
Why a Fresh Installation?

- FSU is not supported on versions prior to IBM z/VSE 5.2
- A change of the system disk architecture (DOSRES, SYSWK1)
- A change of the system language requires fresh installation
- A switch from the 2-digit subarea naming convention to the 4-digit subarea naming convention

Installation Stages



Stage 1: Create an installation disk

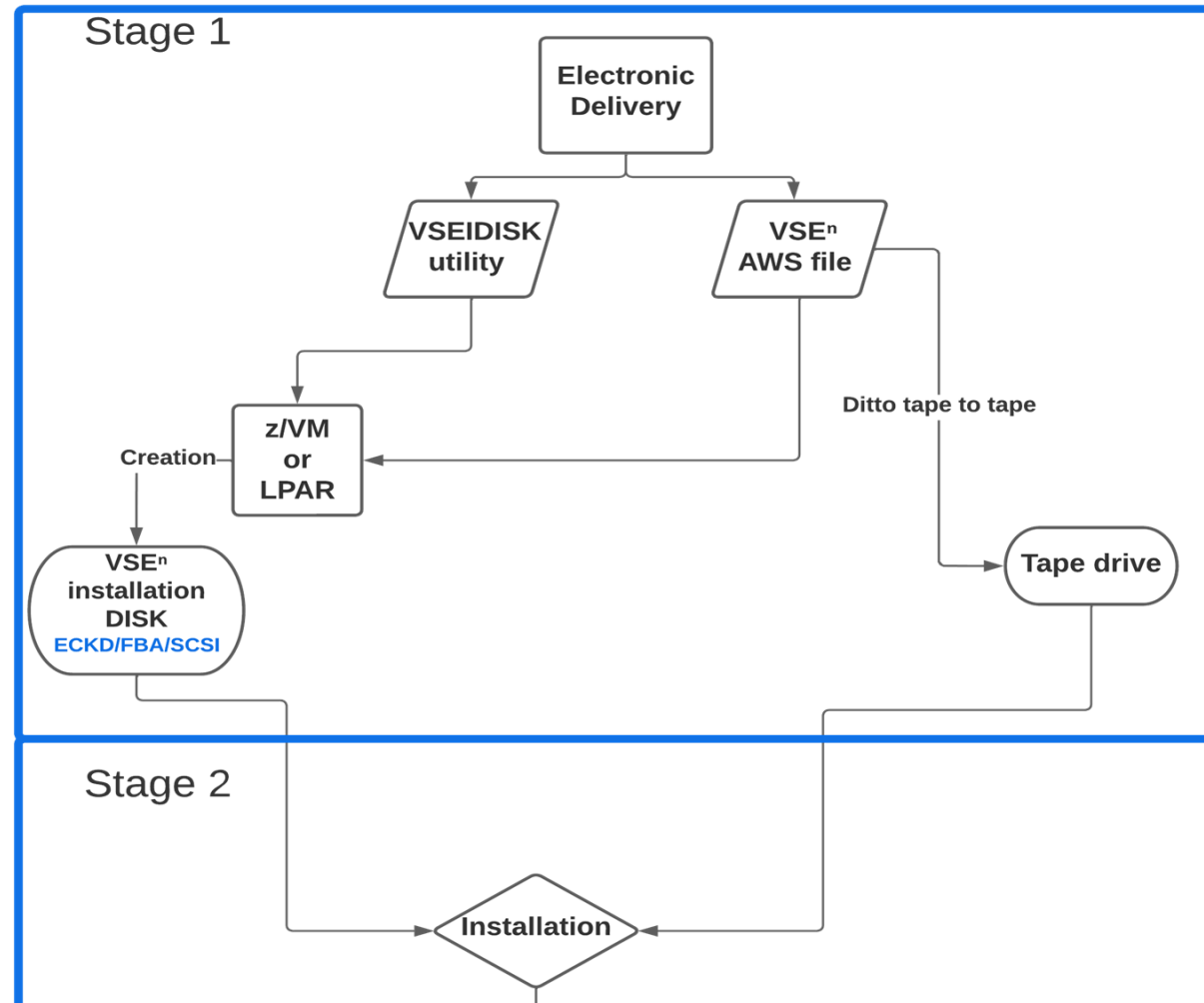


Hardware Requirements for the Installation Disk

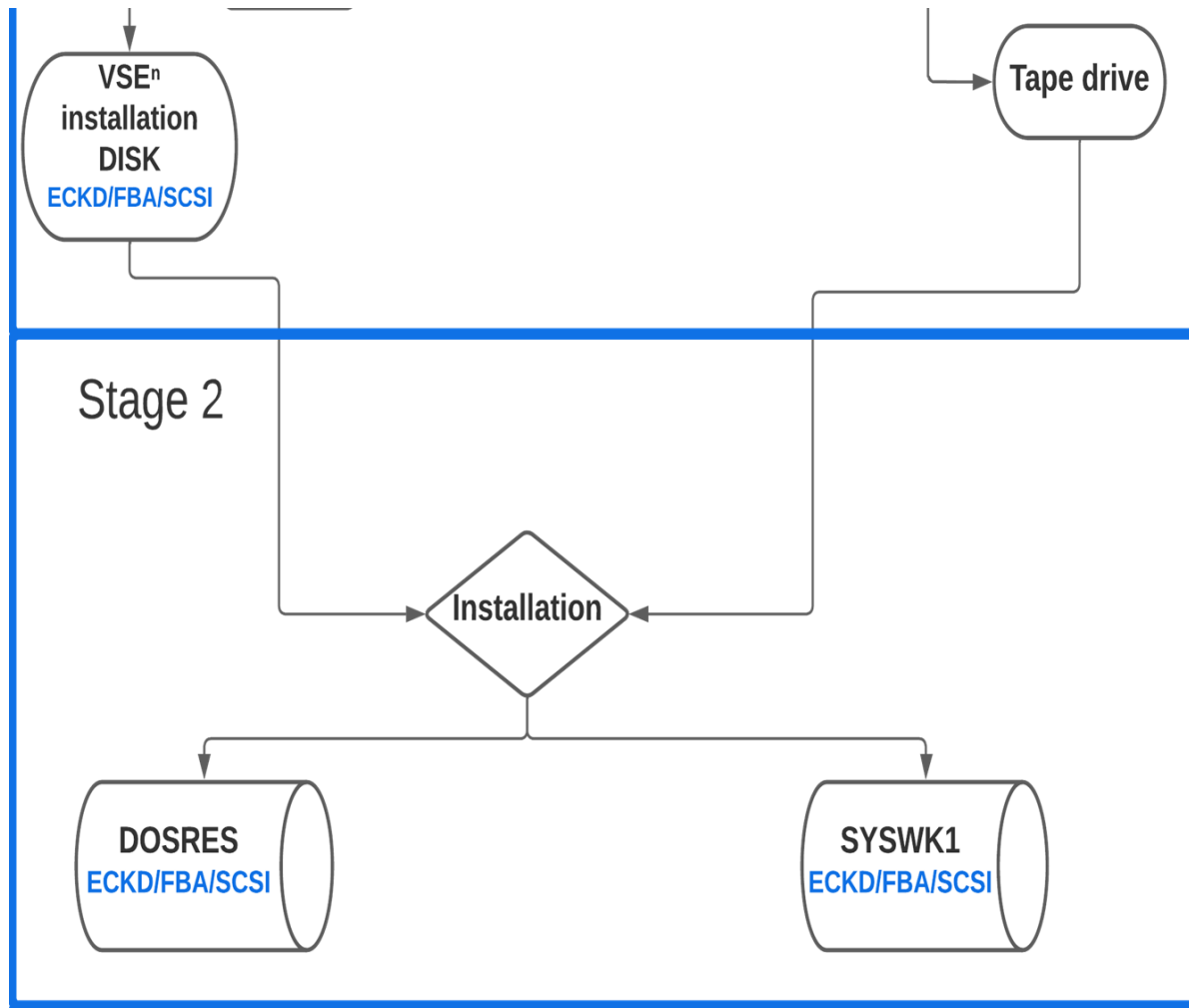
Type	Minimum Capacity
IBM 3390 DASD	500 Cylinders
FBA (IBM z/VM Virtual Disk or Emulated FBA or Minidisk)	600000 Blocks
FCP-attached SCSI	600000 Blocks

Please note: IBM 3380 DASD is not supported

Stage 1: Steps



Stage 2: Installation



Installation part 1: Summary

- IPL from tape or the IDISK
- Formatting DOSRES and SYSWK1
- Placing the VTOC
- Allocation of VSEⁿ System Library
- Restore all the libraries
- IPL from DOSRES

Automatic or Manual installation

```

SYSTEM:  VSEn                VSEn 6.3                TURBO (01)                USER:  SYS
                                           TIME:  13:53:52
BG-0000 SI01D DO YOU WANT TO DO AN AUTOMATIC INSTALLATION (YES/NO)?

==> 0 yes_

1=HLP 2=CPY 3=END 4=RTN 5=DEL 6=DELS 7=RED 8=CONT 9=EXPL 10=HLD 11=PCUU 12=RTRV

ACT_MSG:  HOLDRUN                PAUSE: 01  SCROLL: 1                MODE:  CONSOLE

```

Printer Unit

```

SYSTEM:  VSEn                VSEn 6.3                TURBO (01)                USER:  SYS
                                           TIME:  14:02:56

BG-0000 SI01D DO YOU WANT TO DO AN AUTOMATIC INSTALLATION (YES/NO)?
0 yes
BG-0000 SA02D IF YOU WANT A LISTING, SPECIFY PCUU OF PRINTER, ELSE (ENTER)

==> 0_

1=HLP 2=CPY 3=END 4=RTN 5=DEL 6=DELS 7=RED 8=CONT 9=EXPL 10=HLD 11=PCUU 12=RTRV

ACT_MSG:  HOLDRUN                PAUSE: 01  SCROLL: 1                MODE:  CONSOLE

M A | G                ↑                20/007

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Disk Type Selection

```

SYSTEM:  VSEn                VSEn 6.3                TURBO (01)                USER:  SYS
                                           TIME:  14:04:17

BG-0000 SI01D DO YOU WANT TO DO AN AUTOMATIC INSTALLATION (YES/NO)?
0 yes
BG-0000 SA02D IF YOU WANT A LISTING, SPECIFY PCUU OF PRINTER, ELSE (ENTER)
0
BG-0000 SI70D IF YOU WANT TO INSTALL VSEn ON SCSI SPECIFY YES, ELSE NO

==> 0 no_

1=HLP 2=CPY 3=END 4=RTN 5=DEL 6=DELS 7=RED 8=CONT 9=EXPL 10=HLD 11=PCUU 12=RTRV

ACT_MSG:  HOLDRUN                PAUSE: 01  SCROLL: 1                MODE:  CONSOLE
M A | G                                ↑                                20/010

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Disk Selection (Contd.)

```

SYSTEM:  VSEn                VSEn 6.3                TURBO (01)                USER:  SYS
                                           TIME:  14:04:59

BG-0000 SI01D DO YOU WANT TO DO AN AUTOMATIC INSTALLATION (YES/NO)?
0 yes
BG-0000 SA02D IF YOU WANT A LISTING, SPECIFY PCUU OF PRINTER, ELSE (ENTER)
0
BG-0000 SI70D IF YOU WANT TO INSTALL VSEn ON SCSI SPECIFY YES, ELSE NO
0 no
BG-0000 SI02D ENTER PCUU OF DOSRES

==> 0 240_

1=HLP 2=CPY 3=END 4=RTN 5=DEL 6=DELS 7=RED 8=CONT 9=EXPL 10=HLD 11=PCUU 12=RTRV

ACT_MSG:  HOLDRUN                PAUSE: 01  SCROLL: 1                MODE:  CONSOLE
M A | G                                ↑                                20/011

```

Disk Selection (Contd.)

```

SYSTEM:  VSEn                VSEn 6.3                TURBO (01)                USER:  SYS
                                           TIME:  14:05:40

BG-0000 SI01D DO YOU WANT TO DO AN AUTOMATIC INSTALLATION (YES/NO)?
0 yes
BG-0000 SA02D IF YOU WANT A LISTING, SPECIFY PCUU OF PRINTER, ELSE (ENTER)
0
BG-0000 SI70D IF YOU WANT TO INSTALL VSEn ON SCSI SPECIFY YES, ELSE NO
0 no
BG-0000 SI02D ENTER PCUU OF DOSRES
0 240
BG 0000 SA45I DEVICE 0240 UNKNOWN AT IPL TIME
BG 0000 SA18I INVALID CUU SPECIFICATION
BG-0000 SI02D ENTER PCUU OF DOSRES

==> 0 241_

1=HLP 2=CPY 3=END 4=RTN 5=DEL 6=DELS 7=RED 8=CONT 9=EXPL 10=HLD 11=PCUU 12=RTRV

ACT_MSG:  HOLDRUN                PAUSE: 01  SCROLL: 1                MODE:  CONSOLE
M A | G                ↑                20/011

```

Disk Selection (Contd.)

```

SYSTEM:  VSEn                VSEn 6.3                TURBO (01)                USER:  SYS
                                           TIME:  22:10:56

BG-0000 SI01D DO YOU WANT TO DO AN AUTOMATIC INSTALLATION (YES/NO)?
0 yes
BG-0000 SA02D IF YOU WANT A LISTING, SPECIFY PCUU OF PRINTER, ELSE (ENTER)
0
BG-0000 SI70D IF YOU WANT TO INSTALL VSEn ON SCSI SPECIFY YES, ELSE NO
0 no
BG-0000 SI02D ENTER PCUU OF DOSRES
0 240
BG-0000 SI03D ENTER PCUU OF SYSWK1
0 241
BG 0000 SI08I DOSRES IS 240, DEVICE TYPE ECKD
BG 0000 SI09I SYSWK1 IS 241, DEVICE TYPE ECKD
BG-0000 SI10D START WITH AUTOMATIC INSTALLATION (YES/NO)?

==> 0 yes

1=HLP 2=CPY 3=END 4=RTN 5=DEL 6=DELS 7=RED 8=CONT 9=EXPL 10=HLD 11=PCUU 12=RTRV

ACT_MSG:  HOLDRUN                PAUSE: 01  SCROLL: 1                MODE:  CONSOLE

M A | F                                ↑                                20/011

```

Execution 1

```

SYSTEM:  VSEn                VSEn 6.3                TURBO (01)                USER:  SYS
                                           TIME:  22:15:49

BG-0000 SI01D DO YOU WANT TO DO AN AUTOMATIC INSTALLATION (YES/NO)?
0 yes
BG-0000 SA02D IF YOU WANT A LISTING, SPECIFY PCUU OF PRINTER, ELSE (ENTER)
0
BG-0000 SI70D IF YOU WANT TO INSTALL VSEn ON SCSI SPECIFY YES, ELSE NO
0 no
BG-0000 SI02D ENTER PCUU OF DOSRES
0 240
BG-0000 SI03D ENTER PCUU OF SYSWK1
0 241
BG 0000 SI08I DOSRES IS 240, DEVICE TYPE ECKD
BG 0000 SI09I SYSWK1 IS 241, DEVICE TYPE ECKD
BG-0000 SI10D START WITH AUTOMATIC INSTALLATION (YES/NO)?
0 yes
BG 0000 SI20I FORMATTING OF DOSRES IN PROGRESS
BG 0000 SI20I FORMATTING OF SYSWK1 IN PROGRESS
BG 0000 L338I SUMMARY OF RESTORE PARAMETERS:
==>

1=HLP 2=CPY 3=END 4=RTN 5=DEL 6=DELS 7=RED 8=CONT 9=EXPL 10=HLD 11=PCUU 12=RTRV

ACT_MSG:  HOLDRUN                PAUSE:  01  SCROLL:  1                MODE:
M A | F                ↑                20/006

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Execution 2

```

SYSTEM:  VSEn                VSEn 6.3                TURBO (01)                USER:  SYS
                                           TIME:  22:18:18

BG 0000 L318I FILE NAME = IJSYSR1
BG 0000 L319I FILE ID = VSE.SYSRES.LIBRARY
BG 0000 L321I ALLOCATION=          899 TRACKS
BG 0000 L344I START= CYLINDER 0 TRACK 1 - END= CYLINDER          59 TRACK 14
BG 0000 L327I RESTORE ALL SUBLIBRARIES
BG 0000 L300I FORMATTING OF LIBRARY IJSYSR1 IN PROGRESS
BG 0000 L306I RESTORE OF LIBRARY IJSYSR1 IN PROGRESS
BG 0000 L325I RESTORE OF SUBLIBRARY IJSYSR1.SYSLIB IN PROGRESS
BG 0000 L326I RESTORE COMPLETE FOR LIBRARY IJSYSR1

==>

1=HLP 2=CPY 3=END 4=RTN 5=DEL 6=DELS 7=RED 8=CONT 9=EXPL 10=HLD 11=PCUU 12=RTRV

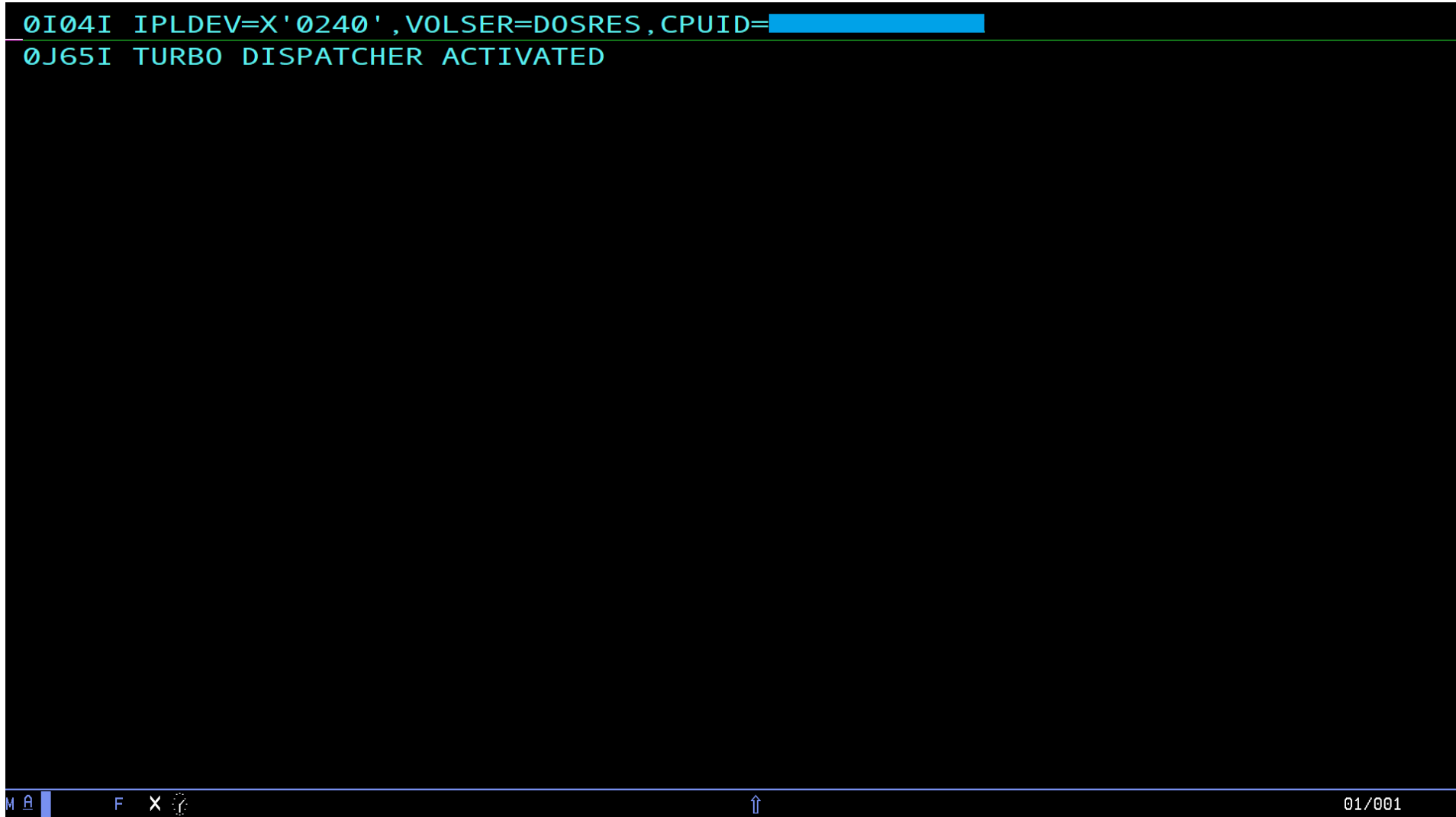
ACT_MSG:  HOLDRUN                PAUSE: 01  SCROLL: 1                MODE:  CONSOLE

M A | F                                ↑                                20/006

```

IPL from DOSRES

```
0I04I IPLDEV=X'0240',VOLSER=DOSRES,CPUID=[REDACTED]  
0J65I TURBO DISPATCHER ACTIVATED
```



IPL from DOSRES (Contd.)

```

SYSTEM:  VSEn                VSEn 6.3                TURBO (01)                USER:  SYS
                                           TIME:  15:12:04

***** LOGGING RESUMED AFTER VSEn SYSTEM RE-IPL *****
BG 0000 0I04I IPLDEV=X'0240',VOLSER=DOSRES,CPUID=FF0111108562
BG 0000 0J01I IPL=$IPLE90 ,JCL=$$JCL790
BG 0000 $$A$SUPI,VSIZE=256M,VPOOL=64K,IODEV=1024,VI0=512K
BG 0000 0I30I DATE=06/10/2022,CLOCK=15/11/28,ZONE=EAST/08/00,WAT
BG 0000          THE DATE VALUE FORMAT IS MM/DD/YYYY
BG 0000 0J20I DEVICE RECOGNITION IN PROGRESS
BG 0000 ADD FDF,FBAV VIRTUAL DISK FOR LABEL AREA
BG 0000 ADD FEC,3505
BG 0000 ADD FFC,3505 ICCF DUMMY DEVICE DON'T DELETE
BG 0000 ADD FFA,3505 ICCF DUMMY DEVICE DON'T DELETE
BG 0000 ADD FED,2520B2
BG 0000 ADD FFD,2520B2 ICCF DUMMY DEVICE DON'T DELETE
BG 0000 ADD FEE,PRT1
BG 0000 ADD FEF,PRT1
BG 0000 ADD FFE,PRT1 ICCF DUMMY DEVICE DON'T DELETE
BG 0000 ADD FFF,CONS DEDICATED CONSOLE DON'T DELETE
==>

1=HLP 2=CPY 3=END                6=CNCL 7=BWD 8=FWD 9=EXPL 10=INP 11=PCUU 12=INFO
FILTER:  ALL                FWD                MODE:  REDISPLAY
M A | D                20/006

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IPL from DOSRES (Contd.)

```

SYSTEM:  VSEn                VSEn 6.3                TURBO (01)                USER:  SYS
                                           TIME:  15:15:22

BG 0000 ADD FFF,CONS DEDICATED CONSOLE DON'T DELETE
BG 0000 DEF SYSCAT=DOSRES,SYSREC=SYSWK1
BG 0000 0J99I  DEVICE ADDRESS      VSE ADDRESS ASSIGNED
BG 0000                8F00                001
BG 0000 IESI0120I VOLID DOSRES FOUND ON FOLLOWING ADDRESSES (PCUU):
BG 0000                0240 0245 0247
BG 0000 IESI0123I DASD WITH ADDRESS 0240 WILL BE USED AS DOSRES
BG 0000 IESI0120I VOLID SYSWK1 FOUND ON FOLLOWING ADDRESSES (PCUU):
BG 0000                0241 0246 0248
BG 0000 IESI0123I DASD WITH ADDRESS 0241 WILL BE USED AS SYSWK1
BG 0000 IESI0124I FOLLOWING DEVICE(S) WILL BE SET IN DEVICE DOWN STATUS:
BG 0000                0245 0247 0246 0248
BG 0000 SYS  DASDFP=YES
BG 0000 SYS  JA=YES
BG 0000 SYS  SPSIZE=0K
BG 0000 SYS  NPARTS=60
BG 0000 SYS  PASIZE=50M
==>

1=HLP 2=CPY 3=END                6=CNCL 7=BWD 8=FWD 9=EXPL 10=INP 11=PCUU 12=INFO

FILTER:  ALL                FWD                MODE:  REDISPLAY

M A | D                ↑                20/006

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IPL from DOSRES (Contd.)

```

SYSTEM:  VSEn                VSEn 6.3                TURBO (01)                USER:  SYS
                                           TIME:  15:38:59
BG 0000 SYS PASIZE=50M
BG 0000 SYS SDSIZE=96K
BG 0000 DPD VOLID=DOSRES ,CYL=398 ,NCYL=36 ,DSF=N
BG 0000 0I35I PROCESSOR STORAGE LARGER THAN VIRTUAL STORAGE - DPD COMMAND
        IGNORED
BG 0000 DPD VOLID=DOSRES ,CYL=434 ,DSF=NO
BG 0000 SVA PSIZE=(652K,6M) ,SDL=700 ,GETVIS=(768K,6M)
BG 0000 0J24I DASD SHARING SUPPORT RESET
BG 0000 0J62I ACTUAL CHANQ IS 187
BG 0000 0J69I ACTUAL SIZE OF PRIVATE AREA IS 50M
BG 0000 0J45I 24-BIT SYSTEM GETVIS AREA ROUNDED BY 43K
BG 0000          31-BIT SYSTEM GETVIS AREA ROUNDED BY 836K
BG 0000 0J73I ACTUAL NUMBER OF USER SDL ENTRIES IS 717
AR 0030 VMCF10I CMS-VSEn CONSOLE INTERFACE ACTIVATED
BG 0000 0J39I ACTUAL BUFSIZE IS 1501
BG 0000 0J83I ACTUAL SYSTEM TIME ZONE=EAST/08/00 ,WAT
BG 0000 0I20I IPL COMPLETE FOR VSEn/AF2121VN606 63C  950 GA-LEVEL
==>

1=HLP 2=CPY 3=END                6=CNCL 7=BWD 8=FWD 9=EXPL 10=INP 11=PCUU 12=INFO
FILTER:  ALL                FWD                MODE:  REDISPLAY
M A | D                ↑                20/006

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IPL from DOSRES (Contd.)

```

SYSTEM:  VSEn                VSEn 6.3                TURBO (01)                USER:  SYS
                                         TIME:  15:39:58
BG 0000 0I20I IPL COMPLETE FOR VSEn/AF2121VN606 63C 950 GA-LEVEL
BG 0000          SUPVR USERID IS: VSE.n.SUPI
BG 0000 PRTY BG,FA,F9,F8,F6,F5,F4,F2,F7,FB,F3,F1
BG 0000 // JOB BGINIT
          DATE 06/10/2022, CLOCK 15/11/30
BG 0000 4301I NO FORMAT 1 LABEL FOUND IJSYSRC  SYSREC=241  SYSWK1
BG 0000 1I81I RECORDER FILE OPEN FAILED, RF=CREATE FORCED
BG 0000 1I93I RECORDER FILE IS 1% FULL
BG 0000 4301I NO FORMAT 1 LABEL FOUND IJSYSCN  SYSREC=241  SYSWK1
BG 0000 1I94I HARD COPY OPEN FAILED, HC=CREATE FORCED
BG 0000 ALLOC F1=6M
BG 0000 SIZE F1=1500K
BG 0000 ALLOC BG=6M
BG 0000 SIZE BG=1280K
BG 0000 ALLOC F2=50M
BG 0000 SIZE F2=2048K
BG 0000 ALLOC F3=15M
==>

1=HLP 2=CPY 3=END                6=CNCL 7=BWD 8=FWD 9=EXPL 10=INP 11=PCUU 12=INFO
FILTER:  ALL                FWD                MODE:  REDISPLAY
M A | D                ↑                20/006

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IPL from DOSRES (Contd.)

```

SYSTEM:  VSEn                VSEn 6.3                TURBO (01)                USER:  SYS
TIME:    15:40:55

BG 0000 ALLOC F3=15M
BG 0000 SIZE F3=600K
BG 0000 ALLOC F4=20M
BG 0000 SIZE F4=2M
BG 0000 ALLOC F5=1M
BG 0000 SIZE F5=768K
BG 0000 ALLOC F7=20M
BG 0000 SIZE F7=1M
BG 0000 ALLOC FB=1M
BG 0000 SIZE FB=512K
FB 0011 // JOB SECSERV
        DATE 06/10/2022, CLOCK 15/11/32
FB 0095 1J022I CPU CRYPTOGRAPHIC ASSIST FEATURE AVAILABLE.
FB 0095 1J009E CANNOT DETERMINE AP QUEUE.
FB 0095 1J004E FAILED TO INITIALIZE HARDWARE CRYPTO DEVICE DRIVER.
FB 0094 4228I FILE IJSYSCT      OPEN  ERROR X'B4' (180) CAT=..N/A..
        (OPNCT-20) VOLUME 'DOSRES' NOT OWNED BY VSAM
==>

1=HLP 2=CPY 3=END                6=CNCL 7=BWD 8=FWD 9=EXPL 10=INP 11=PCUU 12=INFO

FILTER:  ALL                FWD                MODE:  REDISPLAY

M A | D                ↑                20/006

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IPL from DOSRES (Contd.)

```

SYSTEM:  VSEn                VSEn 6.3                TURBO (01)                USER:  SYS
VM USER ID:PTHVSE19                TIME:  15:41:52
FB 0094 4228I FILE IJSYSCT      OPEN  ERROR X'B4'(180) CAT=..N/A..
      (OPNCT-20) VOLUME 'DOSRES' NOT OWNED BY VSAM
FB 0094 4228I FILE IESCNTL      OPEN  ERROR X'B4'(180) CAT=VSESPUC ( 4,AD, 2)
      (OPNHC-10) RC X'00000004' FROM CATLG
FB 0094 BST300E THE II CONTROL FILE COULD NOT BE OPENED.
FB 0094 4228I FILE IJSYSCT      OPEN  ERROR X'B4'(180) CAT=..N/A..
      (OPNCT-20) VOLUME 'DOSRES' NOT OWNED BY VSAM
FB 0094 4228I FILE BSTCNTL      OPEN  ERROR X'B4'(180) CAT=VSESPUC ( 4,AD, 2)
      (OPNHC-10) RC X'00000004' FROM CATLG
BG 0000 BST001I BASIC SECURITY MANAGER INITIALIZED
BG 0000 STOP
F1 0001 // JOB POWSTART
      DATE 06/10/2022, CLOCK 15/11/32
F1 0001 1Q20I  AUTOSTART IN PROGRESS
F1 0001 1R75I   BG AUTOSTARTED
F1 0001 1R75I   F2 AUTOSTARTED
F1 0001 1R75I   F3 AUTOSTARTED
==>

1=HLP 2=CPY 3=END                6=CNCL 7=BWD 8=FWD 9=EXPL 10=INP 11=PCUU 12=INFO
FILTER:  ALL                    FWD                                MODE:  REDISPLAY
M A | D                            ↑                                20/006

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IPL from DOSRES (Contd.)

```

SYSTEM:  VSEn                VSEn 6.3                TURBO (01)          USER:  SYS
                TIME:  15:42:21

F1 0001 1R75I   F3 AUTOSTARTED
F1 0001 1R75I   F4 AUTOSTARTED
F1 0001 1R75I   F5 AUTOSTARTED
F1 0001 1R75I   F7 AUTOSTARTED
F1 0001 1R88I   OK
F1 0001 1Q12I   VSEN/POWER 9.5.0 INITIATION COMPLETED
F3 0003 // JOB STARTF3
        DATE 06/10/2022, CLOCK 15/11/33
BG 0000 * *****
BG 0000 *
BG 0000 *           INSTALLATION OF
F7 0007 // JOB STARTF7
        DATE 06/10/2022, CLOCK 15/11/33
F2 0002 // JOB STARTF2
        DATE 06/10/2022, CLOCK 15/11/33
F4 0004 // JOB STARTF4
        DATE 06/10/2022, CLOCK 15/11/33
==>

1=HLP 2=CPY 3=END          6=CNCL 7=BWD 8=FWD 9=EXPL 10=INP 11=PCUU 12=INFO
FILTER:  ALL                FWD                MODE:  REDISPLAY
M A | D                                20/006

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IPL from DOSRES (Contd.)

```

SYSTEM:  VSEn                VSEn 6.3                TURBO (01)                USER:  SYS
TIME:    15:46:08

F4 0004 // JOB STARTF4
      DATE 06/10/2022, CLOCK 15/11/33
BG 0000 * *****
BG 0000 *
BG 0000 *          VSEn      6.3.0      05/17/2022      *
BG 0000 *
BG 0000 * *****
BG 0000 * LICENSED MATERIALS - PROPERTY OF IBM      *
F5 0005 // JOB STARTF5
      DATE 06/10/2022, CLOCK 15/11/33
BG 0000 * 5686-VS6 AND OTHER MATERIALS © COPYRIGHT      *
BG 0000 * IBM CORP. 2016 AND OTHER DATES                *
BG 0000 * US GOVERNMENT USERS RESTRICTED RIGHTS -      *
F3 0003 1N90I  EOP WAS FORCED BY EOJ
F3 0003 EOJ STARTF3
      DATE 06/10/2022, CLOCK 15/11/33, DURATION      00/00/00
F3 0001 1Q34I  F3 WAITING FOR WORK
==>

1=HLP 2=CPY 3=END                6=CNCL 7=BWD 8=FWD 9=EXPL 10=INP 11=PCUU 12=INFO
FILTER:  ALL                      FWD                      MODE:  REDISPLAY

M A | D                                ↑                                20/006

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IPL from DOSRES (Contd.)

```

SYSTEM:  VSEn                VSEn 6.3                TURBO (01)          USER:  SYS
                TIME:  15:47:21

F3 0001 1Q34I  F3 WAITING FOR WORK
F7 0007 1N90I  EOP WAS FORCED BY EOJ
F7 0007 EOJ STARTF7
                DATE 06/10/2022, CLOCK 15/11/33, DURATION 00/00/00
F7 0001 1Q34I  F7 WAITING FOR WORK
F2 0002 1N90I  EOP WAS FORCED BY EOJ
F2 0002 EOJ STARTF2
                DATE 06/10/2022, CLOCK 15/11/33, DURATION 00/00/00
F2 0001 1Q34I  F2 WAITING FOR WORK
F4 0004 1N90I  EOP WAS FORCED BY EOJ
F4 0004 EOJ STARTF4
                DATE 06/10/2022, CLOCK 15/11/33, DURATION 00/00/00
F4 0001 1Q34I  F4 WAITING FOR WORK
F5 0005 1N90I  EOP WAS FORCED BY EOJ
F5 0005 EOJ STARTF5
                DATE 06/10/2022, CLOCK 15/11/33, DURATION 00/00/00
F5 0001 1Q34I  F5 WAITING FOR WORK
==>

1=HLP 2=CPY 3=END                6=CNCL 7=BWD 8=FWD 9=EXPL 10=INP 11=PCUU 12=INFO

FILTER:  ALL                FWD                MODE:  REDISPLAY

M A | D                ↑                20/006

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IPL from DOSRES (Contd.)

```

SYSTEM:  VSEn                VSEn 6.3                TURBO (01)                USER:  SYS
TIME:    15:48:27

F5 0001 1Q34I  F5 WAITING FOR WORK
BG 0000 * USE, DUPLICATION OR DISCLOSURE *
BG 0000 * RESTRICTED BY *
BG 0000 * GSA ADP SCHEDULE CONTRACT WITH IBM CORP. *
BG 0000 * 2121-VN6 (C) COPYRIGHT *
BG 0000 * 21ST CENTURY SOFTWARE, INC. 2022 *
BG 0000 * *****
BG 0000 *
BG 0000 * *****
BG 0000 1S47I  PRELEASE RDR,INSTALL
BG 0000 1N90I  EOP WAS FORCED BY EOJ
BG 0000 EOJ BGINIT      MAX.RETURN CODE=0000
          DATE 06/10/2022, CLOCK 15/11/36, DURATION 00/00/05
BG 0001 1Q47I  BG INSTALL 00002 FROM (SYSA) , TIME=15:11:36 , TKN=00000002
BG 0000 // JOB INSTALL VSEN INSTALL PROGRAM
          DATE 06/10/2022, CLOCK 15/11/36
BG 0000 IESI0051D DO YOU WANT TO CONFIGURE TCP/IP DURING INITIAL STARTUP?
==>

1=HLP 2=CPY 3=END                6=CNCL 7=BWD 8=FWD 9=EXPL 10=INP 11=PCUU 12=INFO

FILTER:  ALL                FWD                MODE:  REDISPLAY

M A | D                ↑                20/006

```

TCPIP Selection

```

SYSTEM: VSEn                VSEn 6.3                TURBO (01)                USER:  SYS
                                           TIME:  01:59:46
BG-0000 IESI0051D DO YOU WANT TO CONFIGURE TCP/IP DURING INITIAL STARTUP?
YES/NO

==> 0 no

1=HLP 2=CPY 3=END 4=RTN 5=DEL 6=DELS 7=RED 8=CONT 9=EXPL 10=HLD 11=PCUU 12=RTRV
ACT_MSG: HOLDRUN                PAUSE: 01  SCROLL: 1                MODE:  CONSOLE
M  F                                ↑                                20/010

```

Environment Selection

```

SYSTEM:  VSEn                VSEn 6.3                TURBO (01)                USER:  SYS
                                           TIME:  02:01:31

BG-0000 IESI0051D DO YOU WANT TO CONFIGURE TCP/IP DURING INITIAL STARTUP?
YES/NO
0 no
BG-0000 IESI0078D SELECT AN ENVIRONMENT OUT OF A (SMALL), B (MEDIUM) OR C
(LARGE) .

==> 0 b

1=HLP 2=CPY 3=END 4=RTN 5=DEL 6=DELS 7=RED 8=CONT 9=EXPL 10=HLD 11=PCUU 12=RTRV

ACT_MSG:  HOLDRUN                PAUSE: 01  SCROLL: 1                MODE:  CONSOLE

M  F                                ↑                                20/009

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Security Selection

```

SYSTEM: VSEn                VSEn 6.3                TURBO (01)                USER:  SYS
                                           TIME:  02:02:42

BG-0000 IESI0051D DO YOU WANT TO CONFIGURE TCP/IP DURING INITIAL STARTUP?
YES/NO
0 no

BG-0000 IESI0078D SELECT AN ENVIRONMENT OUT OF A (SMALL), B (MEDIUM) OR C
(LARGE) .
0 b

BG-0000 IESI0079D DO YOU WANT TO RUN YOUR SYSTEM WITH SECURITY ON? YES/NO

==> 0 yes

1=HLP 2=CPY 3=END 4=RTN 5=DEL 6=DELS 7=RED 8=CONT 9=EXPL 10=HLD 11=PCUU 12=RTRV

ACT_MSG: HOLDRUN                PAUSE: 01  SCROLL: 1                MODE:  CONSOLE

M  F                                ↑                                20/011

```

Continue?

```

SYSTEM: VSEn                VSEn 6.3                TURBO (01)                USER:  SYS
                                           TIME:  02:03:34

BG-0000 IESI0051D DO YOU WANT TO CONFIGURE TCP/IP DURING INITIAL STARTUP?
YES/NO
0 no
BG-0000 IESI0078D SELECT AN ENVIRONMENT OUT OF A (SMALL), B (MEDIUM) OR C
(LARGE) .
0 b
BG-0000 IESI0079D DO YOU WANT TO RUN YOUR SYSTEM WITH SECURITY ON? YES/NO
0 yes
BG-0000 IESI0062D CHECK YOUR ANSWERS. DO YOU WANT TO CONTINUE? YES/NO

==> 0 yes

1=HLP 2=CPY 3=END 4=RTN 5=DEL 6=DELS 7=RED 8=CONT 9=EXPL 10=HLD 11=PCUU 12=RTRV

ACT_MSG:  HOLDRUN                PAUSE: 01  SCROLL: 1                MODE:  CONSOLE

M^  F                                ↑                                20/011

```


SNA Selection

```

SYSTEM: VSEn                VSEn 6.3                TURBO (01)                USER:  SYS
                                           TIME:  02:04:21

BG-0000 IESI0051D DO YOU WANT TO CONFIGURE TCP/IP DURING INITIAL STARTUP?
YES/NO
0 no

BG-0000 IESI0078D SELECT AN ENVIRONMENT OUT OF A (SMALL), B (MEDIUM) OR C
(LARGE) .
0 b

BG-0000 IESI0079D DO YOU WANT TO RUN YOUR SYSTEM WITH SECURITY ON? YES/NO
0 yes

BG-0000 IESI0062D CHECK YOUR ANSWERS. DO YOU WANT TO CONTINUE? YES/NO
0 yes

BG-0000 IESI0065D IS THE LOCAL CONTROL UNIT AN SNA CU? YES/NO

==> 0 no

1=HLP 2=CPY 3=END 4=RTN 5=DEL 6=DELS 7=RED 8=CONT 9=EXPL 10=HLD 11=PCUU 12=RTRV

ACT_MSG:  HOLDRUN                PAUSE: 01  SCROLL: 1                MODE:  CONSOLE

M  F                                ↑                                20/010

```

Terminal 1

```

SYSTEM: VSEn                VSEn 6.3                TURBO (01)                USER:  SYS
                                           TIME: 02:05:16

BG-0000 IESI0051D DO YOU WANT TO CONFIGURE TCP/IP DURING INITIAL STARTUP?
YES/NO
0 no
BG-0000 IESI0078D SELECT AN ENVIRONMENT OUT OF A (SMALL), B (MEDIUM) OR C
(LARGE) .
0 b
BG-0000 IESI0079D DO YOU WANT TO RUN YOUR SYSTEM WITH SECURITY ON? YES/NO
0 yes
BG-0000 IESI0062D CHECK YOUR ANSWERS. DO YOU WANT TO CONTINUE? YES/NO
0 yes
BG-0000 IESI0065D IS THE LOCAL CONTROL UNIT AN SNA CU? YES/NO
0 no
BG 0000 IESI0064I DEFINE UP TO 3 LOCAL VCDD TERMINALS
BG-0000 IESI0059D ENTER A 3270 ADDRESS (PCUU) OR "END"

==> 0 080

1=HLP 2=CPY 3=END 4=RTN 5=DEL 6=DELS 7=RED 8=CONT 9=EXPL 10=HLD 11=PCUU 12=RTRV

ACT_MSG: HOLDRUN                PAUSE: 01  SCROLL: 1                MODE:  CONSOLE

M  F                                ↑                                20/011

```

Terminal 2

```

SYSTEM: VSEn                VSEn 6.3                TURBO (01)                USER:  SYS
                                           TIME: 02:06:29

BG-0000 IESi0051D DO YOU WANT TO CONFIGURE TCP/IP DURING INITIAL STARTUP?
YES/NO
0 no

BG-0000 IESi0078D SELECT AN ENVIRONMENT OUT OF A (SMALL), B (MEDIUM) OR C
(LARGE) .
0 b

BG-0000 IESi0079D DO YOU WANT TO RUN YOUR SYSTEM WITH SECURITY ON? YES/NO
0 yes

BG-0000 IESi0062D CHECK YOUR ANSWERS. DO YOU WANT TO CONTINUE? YES/NO
0 yes

BG-0000 IESi0065D IS THE LOCAL CONTROL UNIT AN SNA CU? YES/NO
0 no

BG 0000 IESi0064I DEFINE UP TO 3 LOCAL VCDD TERMINALS
BG-0000 IESi0059D ENTER A 3270 ADDRESS (PCUU) OR "END"
0 080
BG-0000 IESi0059D ENTER A 3270 ADDRESS (PCUU) OR "END"
==> 0 081

1=HLP 2=CPY 3=END 4=RTN 5=DEL 6=DELS 7=RED 8=CONT 9=EXPL 10=HLD 11=PCUU 12=RTRV

ACT_MSG: HOLDRUN                PAUSE: 01  SCROLL: 1                MODE:  CONSOLE

M^  F                                ↑                                20/011

```

Terminal 3

```

SYSTEM: VSEn                VSEn 6.3                TURBO (01)                USER:  SYS
                                           TIME:  02:07:10

0 081
BG-0000 IESI0059D ENTER A 3270 ADDRESS (PCUU) OR "END"

==> 0 082

1=HLP 2=CPY 3=END 4=RTN 5=DEL 6=DELS 7=RED 8=CONT 9=EXPL 10=HLD 11=PCUU 12=RTRV

ACT_MSG: HOLDRUN                PAUSE: 01  SCROLL: 1                MODE:  CONSOLE

M  F                                ↑                                20/011

```

Continue?

```

SYSTEM: VSEn                VSEn 6.3                TURBO (01)                USER:  SYS
                                           TIME:  02:07:55

0 081
BG-0000 IESI0059D ENTER A 3270 ADDRESS (PCUU) OR "END"
0 082
BG-0000 IESI0062D CHECK YOUR ANSWERS. DO YOU WANT TO CONTINUE? YES/NO

==> 0 yes

1=HLP 2=CPY 3=END 4=RTN 5=DEL 6=DELS 7=RED 8=CONT 9=EXPL 10=HLD 11=PCUU 12=RTRV

ACT_MSG: HOLDRUN                PAUSE: 01  SCROLL: 1                MODE:  CONSOLE

M  F                                ↑                                20/011

```

Installation Jobs

- **HISTREST** Restoring the system history file.
- **VSAMDEFS** Defining VSEⁿ/VSAM catalogs.
- **LIBRDEFS** Defining VSEⁿ/VSAM libraries.
- **ICCFREST** Restoring the VSEⁿ/ICCF DTSFILE.
- **ICCFLOAD** Adding system information to the VSEⁿ/ICCF DTSFILE.
- **MACREST** Installing separate base macros.
- **LEREST** Restoring LE code.
- **NLLIBRES** Restoring language-dependent members.
- **NLICFRES** Restoring language-dependent VSEⁿ/ICCF members into DTSFILE.
- **BASEREST** Installing VSEⁿ base programs.
- **TCPREST** installing TCP/IP and IPv6
- **VSAMINIT** Initializing and loading VSAM clusters.
- **DUMPINIT** Initializing info/analysis work files.
- **SAVEMEMB** Cataloging members into PRD2.CONFIG and PRD2.SAVE.
- **TCPIPCFG** Configuring TCP/IP (optional).
- **TPSTART** Preparing VCDD for VSEⁿ and OLTP for VSEⁿ.
- **CLEANUP** Completing initial installation processing.
- **CICSICCF** Starting OLTP for VSEⁿ.
- **VTAMSTRT** Starting VCDD for VSEⁿ.

Stage 3

Stage 3

System personalization
Password change
Hardware configuration

System personalization

POST BASE 1

```

IESADMS01                                VSEn ONLINE
5609-VSE and Other Materials (C) Copyright IBM Corp. 2016 and other dates
2121-VN6 (c) Copyright 21st Century Software, Inc. 2022

      VV      VV      SSSSS      EEEEEEEE      nn nnn
      VV      VV      SSSSSSS     EEEEEEEE     nnnnnnn
      VV      VV      SS          EE           nn   nn
      VV      VV      SSSSSSS     EEEEEEEE     nn   nn
      VV      VV      SSSSSSS     EEEEEEEE     nn   nn
      VV  VV          SS          EE
      VVVV          SSSSSSS     EEEEEEEE
      VV           SSSSS      EEEEEEEE

Your terminal is L304 and its name in the network is D72L304
Today is 06/07/2022 To sign on to DBDCCICS -- enter your:

USER-ID..... POST_      The name by which the system knows you.
PASSWORD.....          Your personal access code.

PF1=HELP      2=TUTORIAL      4=REMOTE APPLICATIONS
                                10=NEW PASSWORD
  
```

POST BASE 2

```

ADM$FST5                COMPLETE INITIAL INSTALLATION

Enter the required data and press ENTER.

This panel accepts information for your System History File.
This information uniquely identifies your installation, and is placed in the
general header record of the history file.

CUSTOMER NAME .... 21st CS

ADDRESS ..... Friedrichstraße 15, 70174 Stuttgart_____

PHONE NUMBER .....

PROGRAMMER NAME ..

PF1=HELP      2=REDISPLAY  3=END

Mâ | A | ↑ | 16/034
  
```


Initial Logon and Forced Password Change

SYSA Logon

```

IESADMS01                                VSEn ONLINE
5609-VSE and Other Materials (C) Copyright IBM Corp. 2016 and other dates
2121-VN6 (c) Copyright 21st Century Software, Inc. 2022

      VV   VV   SSSSS   EEEEEEE   nn nnn
      VV   VV   SSSSSSS  EEEEEEE   nnnnnnnn
      VV   VV   SS      EE        nn   nn
      VV   VV   SSSSSSS  EEEEEEE   nn   nn
      VV   VV   SSSSSSS  EEEEEEE   nn   nn
      VV  VV           SS   EE
      VVVV   SSSSSSS  EEEEEEE
      VV     SSSSS   EEEEEEE

Your terminal is L304 and its name in the network is D72L304
Today is 06/07/2022   To sign on to DBDCCICS  --  enter your:

USER-ID..... SYSA_____  The name by which the system knows you.
PASSWORD..... _          Your personal access code.

PF1=HELP           2=TUTORIAL           4=REMOTE APPLICATIONS
                                     10=NEW PASSWORD
  
```

New Password

```

IESADMS02                VSEn SIGN-ON WITH NEW PASSWORD

Enter your new password in both places below then enter your current
password for sign-on verification.
Then press the ENTER key.

NEW PASSWORD ==>                3 - 8 characters

NEW PASSWORD ==>                Re-Enter new password for verification

OLD PASSWORD ==>                _      Current password

PF1=HELP                    3=END

YOUR PASSWORD HAS EXPIRED.  SPECIFY A NEW TO SIGN-ON TO VSEn.

M A | A |                               ↑ |                               11/029

```

Logon and Password Change complete

```

IESADMSL.IESEADM                VSEn FUNCTION SELECTION                APPLID: DBDCCICS

Enter the number of your selection and press the ENTER key:

    1  Installation
    2  Resource Definition
    3  Operations
    4  Problem Handling
    5  Program Development
    6  Command Mode
    7  OLTP-Supplied Transactions

PF1=HELP                3=SIGN OFF                6=ESCAPE (U)
                        9=Escape (m)

==> _
M A | A                ↑                24/006
  
```

Hardware Configuration

Hardware Configuration 1

```

IESADMSL.IESEADM          VSEn FUNCTION SELECTION          APPLID: DBDCCICS

Enter the number of your selection and press the ENTER key:

    1  Installation
    2  Resource Definition
    3  Operations
    4  Problem Handling
    5  Program Development
    6  Command Mode
    7  OLTP-Supplied Transactions

PF1=HELP          3=SIGN OFF          6=ESCAPE (U)
                  9=Escape (m)

==> 241_
Mâ | A
                                     24/009
  
```

Hardware Configuration 2

```

ADM$HDWF          HARDWARE CONFIGURATION: UNIDENTIFIED DEVICE LIST

OPTIONS:  1 = DEFINE A DEVICE      5 = DELETE A DEVICE
          6 = ALTER MAPPING
          '=' = REPEAT LAST DEFINED DEVICE

OPT      VSEn  PHYSICAL  DEVICE  DEVICE TYPE  DEVICE SPECIFICATION
          ADDR  ADDR      FCP     CODE        (MODE)
-        001   8F00     FCP     FCP
-        009   0009     ?       3277
-        01F   001F     ?       3277
-        080   0080     ?       3277
-        081   0081     ?       3277
-        082   0082     ?       3277
-        083   0083     ?       3277
-        084   0084     ?       3277
-        085   0085     ?       3277
-        086   0086     ?       3277
PF1=HELP      2=REDISPLAY  3=END      5=PROCESS
                8=FORWARD

CONFIRM WITH PF3 IF YOU REALLY WANT TO LEAVE THE DIALOG.

M@  A  ↑  11/006
  
```

Hardware Configuration 3

```

ADM$HDWF          HARDWARE CONFIGURATION: UNIDENTIFIED DEVICE LIST

OPTIONS:  1 = DEFINE A DEVICE      5 = DELETE A DEVICE
          6 = ALTER MAPPING
          '=' = REPEAT LAST DEFINED DEVICE

OPT      VSEn  PHYSICAL  DEVICE  DEVICE TYPE  DEVICE SPECIFICATION
          ADDR  ADDR      CODE
-        001   8F00     FCP      FCP
1        009   0009     3270CONS 3277
-        01F   001F     ?        3277
-        080   0080     ?        3277
-        081   0081     ?        3277
-        082   0082     ?        3277
-        083   0083     ?        3277
-        084   0084     ?        3277
-        085   0085     ?        3277
-        086   0086     ?        3277
PF1=HELP      2=REDISPLAY  3=END      5=PROCESS
                8=FORWARD

CHECK THE DEFINITIONS OF FBA-SCSI DISKS.

M@  A  ↑  13/006
  
```

Hardware Configuration 4

```

ADM$HDWF          HARDWARE CONFIGURATION: UNIDENTIFIED DEVICE LIST

OPTIONS:  1 = DEFINE A DEVICE      5 = DELETE A DEVICE
          6 = ALTER MAPPING
          '=' = REPEAT LAST DEFINED DEVICE

OPT      VSEn  PHYSICAL  DEVICE  DEVICE TYPE  DEVICE SPECIFICATION
          ADDR  ADDR      CODE
-        001   8F00     FCP      FCP
*        009   0009     3270CONS 3277
*        01F   001F     3270CONS 3277
1        080   0080     ?        3277
-        081   0081     ?        3277
-        082   0082     ?        3277
-        083   0083     ?        3277
-        084   0084     ?        3277
-        085   0085     ?        3277
-        086   0086     ?        3277
PF1=HELP      2=REDISPLAY  3=END      5=PROCESS
                8=FORWARD

M  A  ↑  14/030
  
```

Hardware Configuration 5

```

ADM$HDWD                HARDWARE CONFIGURATION: DEVICE GROUP

Enter a selection number and press ENTER.

First VSEn address of the device to be defined:  080

Communication Devices                                Other I/O Devices
 1 Local non SNA (Terminals/PCs)                     4 Card Devices
 2 Local SNA (Controller)                             5 Console Devices
 3 Com. Devices (NCP,CTCA,OSA,FCP)                   6 Disk Devices
                                                       7 Tape Units
                                                       8 Printers
                                                       9 ESCON Directors
                                                       10 Unsupported Devices

PF1=HELP          2=REDISPLAY  3=END

==> 1_
M A A

```

Hardware Configuration 6

```

ADM$DEVL                SELECTION LIST: DEVICES

Select one of the entries by entering 1.

                                VSEn Address of the device to be defined: 080

SEL      DEVICE           DESCRIPTION
-----
 1      24X80             24x80 screen                e.g. 3278-2, PC-CUT, 3192
      24X80Q             24x80 screen, Query         e.g. PC-DFT
      32X80             32x80 screen                e.g. 3278-3, 3192
      43X80             43x80 screen                e.g. 3278-4, 3192
      27X132            27x132 screen              e.g. 3278-5, 3192
      24X80C            24x80 screen, color        e.g. 3179, 3192
      24X80CPS          24x80 screen, color, PS, S0SI e.g. 5555
      32X80C            32x80 screen, color        e.g. 3192
      32X80CP          32x80 screen, color, PS    e.g. 3279-S3G
      DSCPRT           DSC Printer
      DSCPRTS          DSC Printer, PS, S0SI      e.g. 555x

PF1=HELP      2=REDISPLAY  3=END
  
```

Hardware Configuration 7

```

ADM$HDWF          HARDWARE CONFIGURATION: UNIDENTIFIED DEVICE LIST

OPTIONS:  1 = DEFINE A DEVICE      5 = DELETE A DEVICE
          6 = ALTER MAPPING
          '=' = REPEAT LAST DEFINED DEVICE

OPT      VSEn  PHYSICAL  DEVICE  DEVICE TYPE  DEVICE SPECIFICATION
          ADDR  ADDR      CODE
_        001   8F00     FCP      FCP
*        009   0009     3270CONS 3277
*        01F   001F     3270CONS 3277
*        080   0080     24X80Q   3277
_        081   0081     ?        3277
_        082   0082     ?        3277
_        083   0083     ?        3277
_        084   0084     ?        3277
_        085   0085     ?        3277
_        086   0086     ?        3277

PF1=HELP      2=REDISPLAY  3=END      5=PROCESS
               8=FORWARD

M A           ↑
11/006
  
```

Hardware Configuration 8

```

ADM$HDWF          HARDWARE CONFIGURATION: UNIDENTIFIED DEVICE LIST

OPTIONS:  1 = DEFINE A DEVICE      5 = DELETE A DEVICE
          6 = ALTER MAPPING
          '=' = REPEAT LAST DEFINED DEVICE

OPT      VSEn  PHYSICAL  DEVICE  DEVICE TYPE  DEVICE SPECIFICATION
          ADDR  ADDR      CODE
_        001   8F00     FCP     FCP
*        009   0009     3270CONS 3277
*        01F   001F     3270CONS 3277
*        080   0080     24X80Q   3277
*        081   0081     24X80Q   3277
*        082   0082     24X80Q   3277
*        083   0083     24X80Q   3277
*        084   0084     24X80Q   3277
*        085   0085     24X80Q   3277
*        086   0086     24X80Q   3277

PF1=HELP      2=REDISPLAY  3=END      5=PROCESS
               8=FORWARD

M  A  ↑  11/006
  
```


Hardware Configuration 10

```

ADM$CRE1          HARDWARE CONFIGURATION: CATALOG STARTUP MEMBERS

Press ENTER to catalog the objects marked by an X. You may add or delete
an X as needed.

      X          IPL Procedures
      X          VCDD Book with Startup Options
      X          VCDD Books for Model Terminal Support
      X          VCDD Book for Local Non-SNA Terminals
      -          VCDD Book Local SNA Terminals
      -          VCDD Books for OSA or 3172 attached Terminals
      X          OLTP CSD Group for terminals-VSETERM1
      -          OLTP CSD Group for terminals-VSETERM2
      -          OLTP CSD Group for terminals-VSETERM3

PF1=HELP          2=REDISPLAY  3=END

IPLPROC ATCSTR00 VTAM CSD          SOURCE CREATED.

M A          ↑          09/015

```

Hardware Configuration 11

```

SUB$PR05                                JOB DISPOSITION

Enter the required data and press ENTER.

JOB DESTINATION..... 3                 Enter 1 to submit the job to batch.
                                         Enter 2 to file in library.
                                         Enter 3 to do both.
JOB NAME..... STARTUP                 The name under which the job will be
                                         saved in VSEn/ICCF.
PRIORITY..... 3                         Priority 0-9 for this job.
CLASS..... *                             Changing * has no effect.
DISPOSITION..... D                       D,H,K or L. Changing * has no effect.
JOB ACCOUNTING..... _____
HOLD LIST IN QUEUE..... 2                Enter 1 to hold output in list queue.
                                         Enter 2 to print output immediately
TIME EVENT SCHEDULING..... 2             Enter 1 if TIME EVENT SCHEDULING
                                         required, otherwise enter 2.
OTHER PARAMETERS..... 2                  Enter 1 to change any other POWER JOB
                                         parameters, otherwise enter 2.

PF1=HELP      2=REDISPLAY  3=END
  
```

System Shutdown

1. MSG F2,DATA='CEMT P SHUT I'
2. Z NET,QUICK
3. PEND
4. REIPL CUU

Conclusion

- Screens and functionality are the same
- Only the product name and version have been changed



Thank you