VIRTEL Migration

User's Guide

Version : 4.54

Release Date : 05 Mar 2015

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Upgrade procedure for Virtel version 4.54 (05 Mar 2015)

Overview

The upgrade procedure detailed below will restore a complete "new" system on the mainframe.

Once restored you will have to integrate all the new librairies (sources or binaries), but keep ALL existing VSAM files except SAMP.TRSF. This VSAM file must be upgraded as part of the upgrade process.

Also, before migration, you must ensure that:

- The current SAMP.TRSF file does not contain any other directories other than W2H-DIR, SCE-DIR, DIR-DYN, IPA-DIR, VSR-DIR, YUI-DIR or DIR-DOC.

- Directories which are not in this list must be removed from the current SAMP.TRSF file. You must transfer those directories and their cotents to another .TRSF file.

- Similarly, you must ensure that you have not saved in any these directories. If this is the case, you must either back up your private files to another directory hosted on another VSAM file and restore them after taking into account the new SAMP.TRSF file.

Upgrade Procedure

Download from our file server at http://ftp.sypertec.com

- /VIRTEL 4.54/Produits/virtel454mvs.zip
- /VIRTEL 4.54/PTFS/allptfs-mvs454.txt
- /VIRTEL 4.54/PTFS/virtel454updtnnnn.zip

The procedure for upgrading from a previous release of VIRTEL (version 4.00 or later) is as follows:

You can keep your existing VIRARBO file for your existing configuration.

1. Upload and unpack the virtel454mvs.xmit file (job $RESTDSU)
2. Apply PTFs using AMASPZAP,PARM=IGNIDRFULL (job ZAPJCL from the new VIRT454.SAMPLIB)
3. Copy your VIRTCTnn from the old VIRTnnn.CNTL library to the new VIRT454.CNTL
4. Reassemble your VIRTCTnn module using the ASMTCT job in VIRT454.CNTL

5. If you have any scenario or user exit modules, copy them to the VIRT454.CNTL library and reassemble them using the ASMSCEN and ASMEXIT jobs respectively.

6. Add the new VIRT454.LOADLIB library to the system APF list in the MVS PARMLIB and use the SETPROG command to authorize the VIRT454.LOADLIB library.

7. Edit your VIRTEL procedure in the MVS PROCLIB, to ensure that:
   ◦ the STEPLIB and DFHRPL DD statements reference the new VIRTxxx.LOADLIB
   ◦ the SERVLIB DD statement references the new VIRTxxx.SERVLIB
   ◦ the SAMPTRSF DD statement references the new VIRTxxx.SAMP.TRSF

8. Apply recommandations as shown below in "Specifics points to be checked".

9. Stop and restart VIRTEL version 4.54

10. If you have modified the default values for the VIRTEL Web Access Settings (as described in the VIRTEL Web Access Guide), upload your customize w2hparm.js file into the CLI-DIR directory and ensure that your W2H-03P and CLI-03P transactions specify APPL=CLI-DIR. Use job CUSTCSS in VIRT454.SAMPLIB to create these transactions if necessary.

11. Apply any "update" maintenance (virtel454updtnnnn.zip) according to the instructions in the Readme-updtnnnn.txt file in the zip.

Specifics Points To Be Checked

Before migration, you must check to following:

In all cases

- If you using some "custom" files ("custom.js", "customs.css" or custom "w2hparm.js")
  YOU MUST check that they are stored in a different directory than W2H-DIR.

  ◦ If not you must store your "custom" files in another directory (CLI-DIR for example).
  ◦ Ensure that the directory on which "custom" file are stored is not on VIRTxxx.SAMP.TRSF VSAM file.

If upgrading from a version prior to 4.53.

YOU MUST:
- Add (or modify) the BFVSAM parameter in the VIRTCT to specify BFVSAM=32768. An "OPEN ERROR DC" on the SAMP.TRSF file will occur at STC startup if this is notdone.
- Check the content of the transaction with external name = "Administ" - W2H-20 - present under the WEB2HOST entry point and enter "ADMINVWM" in the "Output Scenario" field if the current value is different. Press F1 twice to validate the change.

For performance YOU CAN:
- Modify the Shareoptions of the ARBO File from (4 3) to (2 3). To do this, use job ALTERSHR from the new VIRT454.SAMPLIB.
- Increase the CISIZE of the data part of ALL existing TRSF file (except for the delivered SAMP.TRSF which is already correctly defined) to specify, CIZISE(32768) or CISIZE(16384) on the DATA part of the files. Use the job TRSFREOR from the new VIRT454.SAMPLIB.

In addition to the above instructions

- If the directory SCE-DIR does not exist in your environment, YOU MUST run the job MIGR454A found in the SAMPLIB library.

If you are running under VSE :

- Ask to support@syspertec.com to receive any missing JCL described ABOVE.
- You MUST modify the VIRTEL startup JCL to increase the SIZE parameter from 40K to 80K (// EXEC VIR0000,SIZE=80K,DSPACE=2M).