z/OS Readme

30 September 2026

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Summary of Changes

Revision Number	Document Revised	Description of Change	Release Date
V6R30	V6R29 (28 Oct 2016)	Change order of several member and removed unnecessary members in the Additional Script Routines.	27 January 2017
V6R29	V6R28 (22 July 2016)	Changed description of several members identified in the Additional Script Routines.	28 October 2016

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z/OS Upload Procedures

Note: This document contains several references to the character strings "**xxxx**" and "**mmmyyyy**". Throughout this document, replace all occurrences of:

1) "**xxxx**" with the SYSNAME specified in the IEASYSxx member in the logical parmlib concatenation
2) "**mmmyyyy**" with the month and year of the review (e.g., MAR1997)

Note: This document contains several references to the character strings "**VxRxx**" and "**Vvrr**":

"**VxRxx**" refers to Version and Release of this Checklist (e.g., V6R29).
"**Vvrr**" refers to Version and Release of this Checklist (e.g., V629).

1. Log on to TSO.
2. Create **"SYS3.FSO.V*vrr*.JCL"** using the following attributes:

Organization:	**PO**
Record format:	**FB**
Record length:	**80**
Block size:	**6160** (suggested)
Primary tracks:	**1**
Secondary tracks:	**1**
Directory blocks:	**1**

3. Take action to get session to the TSO ready prompt.
4. Skip to Step 6 if CL/SuperSession is not used to log on to TSO. If CL/SuperSession was used to enter into the TSO application, enter the following command at the TSO ready prompt:

   \ft

5. Ensure that the following message is displayed. After reviewing the message, press the "Enter" key to get to the TSO ready prompt:

   CS131

   File transfer mode
   Enabled for session "xxxxxxxx"

   Press ENTER to continue

   If **Disabled for session** is displayed in the above box, press the "Enter" key and enter the **\ft** command. Review message to determine if "**Enabled for session**" is specified, and press the "Enter" key.

6. Extract **V*x*R*xx*.DUMP.XMI** and **RESTJCL.txt** from **U_zOS_V*x*R*xx_yyyymmdd*.zip** onto your hard drive.
7. Start File Transfer to Send File to Host.
8. Enter the drive letter, directory, and **RESTJCL.txt** in the PC file name.
9. Enter "**SYS3.FSO.V*vrr*.JCL(RESTJCL)**" in the Host file name.
10. Ensure the Transfer Mode is set to **Text**.
11. Ensure that Transfer Options are set to **ASCII CRLF**.
12. Initiate the file transfer.
13. Start File Transfer to Send File to Host.
14. Enter the drive, directory and file name of the **V*x*R*xx*.DUMP.xmi** into the PC file name.
15. Enter "**SYS3.FSO.V*vrr*.DUMP.XMI**" in the Host file name.
16. Ensure the Transfer Mode is set to **Binary**.
17. Change the Transfer Options to the following:

    RECFM(F) BLKSIZE(6160) LRECL(80) SPACE(75 15) TRACKS

18. Initiate the file transfer.
19. Edit "**SYS3.FSO.V*vrr*.JCL(RESTJCL)**", insert a valid JOB card, make changes specified in the JCL comments, and submit Job.
20. At this point, the Data Collection Process can be started. Where the Data Collection Process makes any reference to the uploading of files, these steps can be ignored.
21. The following dataset is no longer needed and can be deleted:

    SYS3.FSO.V*vrr*.DUMP
    SYS3.FSO.V*vrr*.DUMP.XMI
    SYS3.FSO.V*vrr*.JCL

z/OS Download Procedures

Note: This document contains several references to the character strings "**xxxx**" and "**mmmyyyy**". Throughout this document, replace all occurrences of:

1) "**xxxx**" with the SYSNAME specified in the IEASYSxx member in the logical parmlib concatenation
2) "**mmmyyyy**" with the month and year of the review (e.g., MAR1997)

PKZIP Procedure

This procedure can be performed when the site has **PKZIP for Mainframe** from PKWARE installed. The site must also have a proper license for this product.

1. Log on to TSO.
2. Edit "**SYS3.FSO.*xxxx.mmmyyyy*.CNTL(ZIPJCL)** ", insert a valid JOB card, make changes specified in the JCL comments, and submit Job.
3. Download **SYS3.FSO.*xxxx.mmmyyyy*.ZIP** and save on the PC as ***xxxx.mmmyyyy*.zip.** Use the IND$FILE File Transfer or FTP File Transfer. Use the Transfer Mode of **Binary** over the Transfer Mode specified in the File Transfer processes.

IND$FILE File Transfer

This is a time-consuming process. The reviewer must identify all datasets and members that will be downloaded.

1. Log on to TSO.
2. Take action to get session to the TSO ready prompt or perform the following actions from Option 6.
3. Skip to Step 5 if CL/SuperSession is not used to log on to TSO. If CL/SuperSession was used to enter into the TSO application, enter the following command at the TSO ready prompt:

   \ft

4. Ensure that the following message is displayed. After reviewing the message, press the "Enter" key to get to the TSO ready prompt:

   CS131

   File transfer mode
   Enabled for session "xxxxxxxx"

   Press ENTER to continue

If **Disabled for session** is displayed in the above box, press the Enter key and enter the **\ft** command. Review message to determine if **Enabled for session** is specified and press the "Enter" key.

5. Start File Transfer to Receive File from Host.
6. Enter the drive letter, directory, and PC file name in the PC file name.
7. Enter dataset or dataset/member, enclosed within quotes, in the Host file name.
8. Ensure the Transfer Mode is set to **Text** (ASCII and CRLF).
9. Initiate the file transfer.
10. Repeat Steps 5 through 9 for each dataset and dataset/member to be downloaded.
11. At this point, the information is available for the Data Analysis Process.

FTP File Transfer

1. Start FTP client software.
2. Configure FTP client to start session to host system.
3. Select drive and directory to receive host dataset or dataset/member.
4. Select Host datasets and/or dataset members to transfer from host to PC.
5. Ensure the Transfer Mode is set to **Text** or **ANSII**.
6. Initiate the file transfer.
7. Repeat Steps 3 through 6 for each dataset and dataset/member to be downloaded.
8. At this point, the information is available for the Data Analysis Process.

U_zOS_VxRxx_SRR.zip File Contents

The following identifies the contents of the **U_zOS_V*x*R*xx*_SRR.zip** file.

Note: This document contains several references to the character strings "**VxRxx**" and "**Vvrr**":

"**VxRxx**" refers to Version and Release of the zOS STIG Instruction (e.g. V6R29).
"**Vvrr**" refers to Version and Release of the zOS STIG Instruction (e.g., V629).

Table 1: U_zOS_VxRxx_SRR.zip File Contents

File Directory	Description
cntl	Directory that contains all members loaded into SYS3.FSO.*xxxx.mmmyyyy*.CNTL.
exam.script	Directory that contains all members loaded into SYS3.FSO.*xxxx.mmmyyyy*.EXAM.SCRIPT.
RESTJCL.txt	The JOB that is used to receive and restore the SYS3.FSO.V*vrr*.CNTL, SYS3.FSO.V*vrr*.EXAM.SCRIPT and SYS3.FSO.V*vrr*.LOADLIB datasets.
VxRxx.DUMP.xmi	This file is the TSO transmit of an ADRDSSU dump of the SYS3.FSO.V*vrr*.CNTL, SYS3.FSO.V*vrr*.EXAM.SCRIPT and SYS3.FSO.V*vrr*.LOADLIB.

Additional Script Routines

The following identify additional Script Routines that are not currently documented in the Checklist. These Script Routines reside in the CNTL dataset.

1. CACC1010 Script to issue and obtain results of any JES2 and MVS command. (Issuing commands and obtaining the results is dependent on access to OPERCMDS resources class resources.)
2. CACM000U Session Edit Macro, this script can be used against a view of a SENSITVE.RPT member to blank out authorized users. This routine is dependent on the contents of CACT000U member in CNTL.
   Example: Entering **CACM000U SYSP** on the command line will blank out users identified as systems programmers, SYSP.

   Note: An additional parameter is available to CACM000U for TSS. This parameter follows the group-id and is specified with a "Y". It can be used for findings that have a requirement for auditing.

   An example: A user/profile is identified as authorized in CACT000U. The user/profile is permitted without auditing. The command is executed, **CACM000U SYSP Y**. This will result in the user/profile not being blanked out.

   This currently works only for domains running TSS.
3. CACT000U Table, this table, which is used by CACM000U, contains a list of authorized user IDs with a group identifier. The format is **group-id user-id**, example **SYSP DAZ0010.** It is recommended that this member be populated with all possible groups of authorized users. Groups and/or Profiles can be specified in the user-id field; this is only for groups and profiles that have only authorized user-ids.
4. DUMP JCL; this job can be used to back up previous SYS3.FSO. datasets. This job can be used to create a backup of all datasets created in a previous SRR. Comments in the job give instructions on what to change in the JCL before submitting the job. This job will create SYS3.FSO.xxxx.mmmyyyy.DUMP dataset. Upon completion of this job, verify that all the requested datasets have been dumped and then delete any unnecessary review datasets that are in the DUMP dataset.
5. DUMPJCL JCL to dump specific datasets, then create a transmitted dataset and a ZIP file. This dataset and the members of SYS3.FSO.V*vrr*.CNTL, SYS3.FSO.Vvrr.LOADLIB, and SYS3.FSO.V*vrr*.EXAM.SCRIPT are placed in a ZIP file.
6. IPLINFO Displays System Information about the current configuration of the system.
7. LOAD Session Edit Macro; this routine is run against CNTL(DSNLIST) or TEMP3. The format to execute is **LOAD *id find***. It produces a report to the screen listing the datasets and members dependent on the following:
   - *id* The two-character identifier that identifies a group of datasets, i.e., BA for APF datasets, BB for Linklist datasets.
   - *find* A character string or complete member name that is matched to a

		list of members of all datasets with the requested ID. An example is **LOAD BA GIM**. The example will list all members that contain GIM in the member name in APF datasets (BA).
8.	PKZIP	PROC member that executes the PKZIP program.
9.	RESTJCL	JCL, this job can be used to restore SYS3.FSO.**V*vrr*** datasets from a transmit command. Comments in the job give instructions on what to change in the JCL before submitting the job. This job uses SYS3.FSO.**V*vrr***.DUMP dataset, created by the DUMPJCL job. Upon completion of this job, verify that all the requested datasets have been restored.
10.	SECZIP	PROC member that executes the SECZIP program.
11.	SETUP	Session Clist; allocates user proc dataset to assist in running routines under a TSO session. The script uses the dataset used in the execution of SETUP. This dataset is used to allocate SYSUPROC as an alternate script library. This script allows the execution of the Session Edit Macros and other scripts listed in this section.
12.	SRR$TSO	Initial startup for the SRRAUDIT Dialog Management Process. Review the U_SRRAUDIT_Dialog_Management_VxRxx.doc for instructions on this process.
13.	ZIPJCL	JCL to create a ZIP file of all datasets created during a review. The resulting ZIP dataset can be downloaded or transferred to another system for analysis.