Load ISO file

Release 2019.01

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Introduction

This document contains a description of the steps required to load the Unit4 software in the IFS of your IBM Power System and to subsequently install it using the customary LODRUN procedure.

You can download the ISO file from the Unit4 Customer portal. The local installation consists of the following steps:

- Preparing IBM Power System
- Transferring ISO file
- Preparing ISO file for LODRUN
- Executing LODRUN procedure (see the installation description of the corresponding Unit4 software)
- Saving or removing ISO file

After download, the ISO file must first be loaded in a so-called Image Catalog on the IBM Power System. This manual describes the loading of ISO files in the */imgclg* IFS folder, which by default can be found on the IBM Power System.

To execute the following steps, you must be provided with proper authorization rights. If you are in doubt, you are advised to use the QSECOFR user profile.

Step 1 describes the one-off procedure for creating and enabling a virtual optical device. If you performed this step previously, you can continue with step 3. Please be aware that the virtual device is active (step 2).

Preparing IBM Power System

Step	Action

1   Create a Virtual Optical Device using
CRTDEVOPT DEVD(OPTVRT01) RSRCNAME(*VRT) TEXT('Virtual Optical OPTVRT01')

2   Put the virtual optical device online using
VRYCFG CFGOBJ(OPTVRT01) CFGTYPE(*DEV) STATUS(*ON)

3   Create an Image Catalog using application/version name (for instance FIS201910).
In the following instruction this name is leading. You can of course choose any name
depending on the application/version you are working on.

       If you decide to use only one catalog delete this catalog before you start through:
DLTIMGCLG IMGCLG(FIS2000) KEEP(*NO)

       Then create a new image catalog:
CRTIMGCLG IMGCLG(FIS201910) DIR('/imgclg/FIS201910') TEXT('Image FIS201910')

       Create a working directory as a target for the ISO file to be copied to.
MD DIR('/imgclg/FIS201910/work')

4   If you perform the following command, the contents of the Image Catalog will not be stored
when securing your IBM Power System (if it is not empty). This will help you to save space on
your backup. This command is: CHGATR OBJ('/imgclg/FIS201910') ATR(*ALWSAV)
VALUE(*NO)

5   The ISO file must be loaded in the working directory using FTP. To perform this procedure, the
FTP server must be enabled on the IBM Power System. The server can be initiated on your
IBM Power System using the command STRTCPSVR SERVER(*FTP)

Transferring the ISO file

☞ *Of course, you can also transfer the downloaded ISO files to the correct ISO folder using the Windows Explorer or IBM System i Navigator.*
The folder in this example is imgclg/FIS201910'.

Step   Action

1   Download the corresponding ISO file to a directory on your PC. In the next steps, **c:\temp** is considered the folder where the ISO file is stored.

   When you are planning to carry out several installations, you had better download all ISO files right away and locate them in the **c:\temp** folder.

2   Enter the following commands in the command prompt of Windows (cmd.exe).
   First enter the command to go to the PC directory used to store the ISO file (c:\temp).

   lcd c:/temp

3   ftp <name IBM Power System> (logical name or IP number).

   (You then need to log on with an IBM Power System user profile, preferably QSECOFR.)

   quote site namefmt 1

   cd /imgclg/FIS201910/work

   bin

   put FIS201910.iso

   After completing the upload, you can enter the **quit** command to cut off the connection. Use <exit> to leave the cmd prompt.

4   Example:

ftp <name IBM Power System>

Connected to <IBM Power System>

220-QTCP at <IBM Power System>

220 Connection will close if idle more than 5 minutes.

User (<IBM Power System>:(none)): qsecofr

331 Enter password.

Password:

230 QSECOFR logged on.

ftp> quote site namefmt 1

250 Now using naming format "1".

ftp> lcd c:/temp

ftp> cd /imgclg/FIS201910/work

250 "/imgclg/FIS201910/work" is current directory.

ftp> bin

200 Representation type is binary IMAGE.

ftp> put FIS201910.iso

200 PORT subcommand request successful.

150 Sending file to /imgclg/FIS201910/work/<package.iso>

226 File transfer completed successfully.

ftp: 90177536 bytes sent in 30,76Seconds 2931,84Kbytes/sec.

ftp> quit

221 QUIT subcommand received.

c:\Temp>exit

Preparing ISO file for LODRUN

Step	Action

1   Add the <package.iso> file to the previously created Image Catalog using the command:
     ADDIMGCLGE IMGCLG(FIS201910**) FROMFILE('/imgclg/**FIS201910**/work** FIS201910**.iso')**

     If needed this step can be executed for each ISO file.

2   Link the Image Catalog to the virtual device using the following command:
     LODIMGCLG IMGCLG(FIS201910**) DEV(OPTVRT01) OPTION(*LOAD)**

     This step can also be done from the screen which will be displayed, upon entering the
     command at step 3. Press F6 to link the device (OPTVRT01).

3   Enter the command **WRKIMGCLGE IMGCLG(**FIS201910**)** to go to the Image Catalog.

4   Please make sure that the *Mounted* status is assigned to the ISO file to be used. All other ISO
     files must have the *Unloaded* status.
     Please verify that the correct ISO file is being prepared; the LODRUN (or other) procedure
     selects this file from the OPTVRT01.

Executing LODRUN procedure

The Image Catalog can now be used to load the software. Please consult the installation manual of
the software to be installed.

LODRUN DEV(OPTVRT01)

Saving or removing ISO file

After installing the software, you can execute the steps below.

Step	Action
1	Unlink the Image Catalog using the following command: **LODIMGCLG IMGCLG(**FIS201910**) DEV(OPTVRT01) OPTION(*UNLOAD)**
2	You can decide to save the Image Catalogs. In this case, you will not have to take any action.
3	If you want to clear disk space execute the following commands: **DLTIMGCLG IMGCLG(**FIS201910**) KEEP(*NO)** Delete the following IFS-folders: **RD DIR('/imgclg/**FIS201910**/work')** **RD DIR('/imgclg/**FIS201910**')**

Support

If you have any further questions you can create a ticket on our customer portal.