

ZIP

through Install with GetShopz

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How to transfer z/VM Installation Media ZIP files – without GetShopz

3. Link to the VM minidisk where you will load the files from the z/VM product deliverables. The VM minidisk needs to have the equivalent of at least 8000 cylinders of available 3390 DASD space. The minidisk must not contain any other image files. You must link the minidisk in write mode.

Note: The information for *userid* and *diskaddr* was recorded in traditional installation worksheet 4 (Table 4 on page 18).

```
Command:
cd ftpdir/CPDVD
>>>CWD ftpdir/CPDVD
250 Directory changed to ftpdir/CPDVD
```

e. Change the local directory to W.

```
Command:
lcd w
Local directory mode is 'W'
```

f. Set the file transfer mode to **binary**, the record format to **fixed**, and the record length to **1028**.

```
Command:
binary f 1028
>>>TYPE i
200 Type set to I.
Command:
```

g. Copy all required files from DISC 1 of the z/VM Product Package installation media

```
mget ddd*
150 Opening data channel for file download from server of "/cpdvd/imagha
226 Successfully transferred "/cpdvd/imaghash.sampexec"
nnnnnn bytes transferred in nn.nnn seconds. Transfer rate nn.nn Kbytes

get 740prod1.dvdimage
>>>EPSV 1
229 Entering Extended Passive Mode (|||ppppp|)
>>>RETR 740prod1.dvdimage
150 Opening data channel for file download from server of "/cpdvd/740pro
226 Successfully transferred "/cpdvd/740prod1.dvdimage"
nnnnnn bytes transferred in nn.nnn seconds. Transfer rate nn.nn Kbytes
```

j. After all image files and the IMAGHASH sample EXEC file have been transferred session.

9. DISC 1 of the z/VM Product Package installation media contains the 740PROD1 DVI 740PROD1 DVDHASH files. The 740PROD1 DVDIMAGE file lists all of the image file DISC 1. The 740PROD1 DVDHASH file lists those same files (by name), with a hash each such file, in this format:

```
image_filename hash_value
```

For example:

```
CKD41D00 D87880A189B720307AC04D11502AE322C5.....
```

The contents of the 740PROD1 DVIDIMAGE and DVDHASH files and the IMAGHASH should be used now to verify that you have successfully retrieved all of the DISC 1 i that none of these files has been corrupted during transit or upload.

a. Create an executable copy of the IMAGHASH utility from the supplied sample EX

```
copyfile imaghash sampexec w = exec a (olddate
```

b. Generate a file that contains SHA256 hash values for the image files that have been uploaded. For *ddd*, specify **CKD** for 3390 image files or **FBA** for FBA (SCSI) image files.

```
imaghash generate prod1 ddd $default w
```

The IMAGHASH utility verifies that all DISC 1 image files have been uploaded and that pertinent characteristics – record format (RECFM) and logical record length (LRECL) – for each uploaded file are correct. If erroneous file attributes are identified or the number of uploaded files is not correct, IMAGHASH reports these findings, with the relevant files identified in one or more NOMATCH output files it creates. For more information about these output files, see the “IMAGHASH EXEC” on page 269.

After image characteristics have been verified, hash value data is generated and placed in this file: IMAGHASH GENDATA A.

c. Perform a comparison of the hash values supplied in the 740PROD1 DVDHASH file with those that have been generated for the uploaded image files.

```
imaghash compare 740prod1 dvdhash w imaghash gendata a
```

Review the messages produced by the IMAGHASH utility and review its IMAGHASH MSGLOG file.

If any image file characteristic problems have been identified, review the contents of any NOMATCH files that have been produced. If hash discrepancies have been identified for compared hash values, review the contents of the IMAGHASH COMPDIFF file that has been produced. For any files that have incorrect characteristics or non-matching compared hash values, one or more corrupt files exist. In this case, you can do one of the following:

i) If the files were corrupted during the upload, copy the damaged files from DISC 1 of the z/VM Product Package installation media using one of the following methods:

a) Copy the files individually, by repeating substep “8” on page 38, replacing:

```
mget ddd*
with:
get filename filename.$default (replace
```

b) Copy all of the files again, by copying the contents of DISC 1 of the z/VM Product Package installation media again, by repeating “8” on page 38, replacing:

```
mget ddd*
with:
mget ddd* (replace
```

ii) If the files were corrupted during transit, reorder the z/VM installation media.

After uploading any DISC 1 image files again, repeat the use of the IMAGHASH utility’s GENERATE and COMPARE functions as needed, until no file discrepancies or hash comparison errors are reported.

10. The FTP MGET command copied the files with a file type of \$DEFAULT. The file type needs to be renamed to IMAGE.

```
rename * $default w = image =
Ready;
```

11. Copy the contents of DISC 2 of the z/VM Product Package installation media to the same VM minidisk used for the DISC 1 of the z/VM Product Package installation media.

a. If installing from a physical DVD, load DISC 2 of the z/VM Product Package installation media in the DVD drive of the FTP server you are using for installation. Wait until the light on the DVD drive goes out or stops blinking before continuing.

b. Start an FTP session:

```
ftp
VM TCP/IP FTP Level nnn
```

c. Connect to the FTP server. Enter the FTP server’s IP address or host i used to log on to the FTP server (*userid*), and the password for the us FTP server (*password*).

Note: The information for *host*, *userid*, *password*, and *ftpdir* was recorded in traditional installation worksheet 4 (Table 4 on page 18).

```
OPEN (name of foreign host):
host
Connecting to host
220 FTP Server ready...
USER (identify yourself to the host):
userid
```

```
>>>USER userid
331 User name okay, need password.
Password:
password

>>>PASS *****
230 User logged in, proceed
```

d. Change the remote directory to the FTP path of the DVD drive or FTP r from a physical DVD, append /CPDVD to the end of the path (for exam

```
>>>TYPE a
200 Type set to A
>>>PORT host
200 PORT Command successful.
>>>NLST ddd*
150 Opening ASCII mode data connection for /bin/ls.
226 Transfer complete.
>>>TYPE i
200 Type set to I.
>>>PORT host
200 PORT Command successful.
>>>RETR dddnnnn
150 Opening BINARY mode data connection for dddnnnn (nnnnnn Bytes).
nnnnnn bytes transferred.
226 Transfer complete.
nnnnnn bytes transferred in nn.nnn seconds. Transfer rate nn.nn Kbytes/sec.
```

h. Set the file transfer mode to ASCII and the record format to variable.

```
Command:
ascii
>>>TYPE a
200 Type set to A.
Command:
```

i. Retrieve the 740PROD2 DVDHASH and DVDIMAGE files.

```
Command:
get 740prod2.dvdhash
>>>EPSV 1
229 Entering Extended Passive Mode (|||ppppp|)
>>>RETR 740prod2.dvdhash
150 Opening data channel for file download from server of "/cpdvd/740prod2.dvdhash"
226 Successfully transferred "/cpdvd/740prod2.dvdhash"
nnnnnn bytes transferred in nn.nnn seconds. Transfer rate nn.nn Kbytes/sec.

get 740prod2.dvdimage
>>>EPSV 1
229 Entering Extended Passive Mode (|||ppppp|)
>>>RETR 740prod2.dvdimage
150 Opening data channel for file download from server of "/cpdvd/740prod2.dvdimage"
226 Successfully transferred "/cpdvd/740prod2.dvdimage"
nnnnnn bytes transferred in nn.nnn seconds. Transfer rate nn.nn Kbytes/sec.
```

j. After all image files have been transferred, quit the FTP session.

```
link userid diskaddr diskaddr MR
Ready;
```

4. Access the VM minidisk as file mode W.

```
access diskaddr w
Ready;
diskaddr
The address of the CMS-formatted VM minidisk where the files from the z/VM product deliverables are to be copied.
```

5. Link to the 592 TCP/IP client code minidisk.

```
link tcpmain 592 592 rr
Ready;
```

6. Access the 592 TCP/IP client code minidisk as file mode Z.

```
access 592 z
Ready;
```

7. Set the terminal to alert you one second after CP issues the MORE . . . status and to clear one second after the alert.

```
terminal more 1 1
Ready;
```

8. Copy the contents of electronic envelopes

Notes:

- If you are using an “Using a z/VM FTP the files, continue

- If you do not have any FTP server, you can use the upload function of your terminal emulator to l the files to the minidisk. See Appendix E, “Using a terminal emulator to upload files,” on page 27. After uploading the files using your terminal emulator, continue with substep “14” on page 45.
- If you are using an FTP server running on a workstation, continue with this substep.

If you have copied the contents of DISC 1 and DISC 2 to a directory on the hard drive of your workstation (or to a USB flash drive accessible to the FTP server), continue with this substep and substeps “9” on page 41 and “10” on page 42. Skip substeps “11” on page 42 through “13” on page 45.

Before using the IMAGHASH utility to verify the combined set of DISC 1 and DISC 2 image files, y need to create a separate file that contains the appropriate set of combined reference hash value Use this COPYFILE command to create such a file:

```
copyfile 740prod1 dvdhash w 740prod2 dvdhash w 74pboth dvdhash w
```

When the IMAGHASH utility is used to:

- Generate hash values, the product operand BOTH should be specified. (PROD1, PROD2, DISC1 or DISC2 should not be specified.)
- Compare hash values, this command should be used:

```
imaghash compare 74pboth dvdhash w imaghash gendata a
```

Note that wherever the DVD path is referenced, if necessary, you can substitute the path to the workstation hard drive where you have loaded the contents of DISC 1 and DISC 2.

a. If installing from a physical DVD, load DISC 1 of the z/VM Product Package installation media i the DVD drive of the FTP server you are using for installation. Wait until the light on the DVD dr goes out or stops blinking before continuing.

b. Start an FTP session.

```
ftp
VM TCP/IP FTP Level nnn
```

c. Connect to the FTP server. Enter the FTP server IP address or host name (*host*), the user ID us to log on to the FTP server (*userid*), and the password for the user ID used to log on to the FTP server (*password*).

Note: The information for *host*, *userid*, *password*, and *ftpdir* was recorded in traditional installation worksheet 4 (Table 4 on page 18).

```
OPEN (name of foreign host):
host
Connecting to host
220 FTP Server ready...
USER (identify yourself to the host):
userid

>>>USER userid
331 User name okay, need password.
Password:
password

>>>PASS *****
230 User logged in, proceed
```

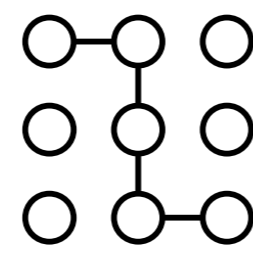
d. Change the remote directory to the FTP path of the DVD drive or FTP server (*ftpdir*). If loading from a physical DVD, append /CPDVD to the end of the path (for example: e:/CPDVD).

How to transfer z/VM service files – *with* GetShopz

1. Start GETSHOPZ on CMS.
2. Open link in browser.
3. Copy URLs.
4. Paste into input box.
5. Click Submit.

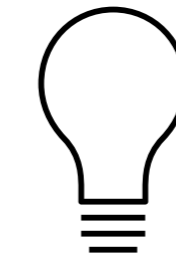
Overview

Function



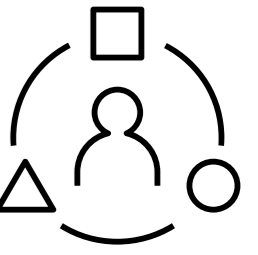
- ✓ Support **Direct-to-Host** Transfer and Workstation Upload for:
 - ✓ Service ordered through Shopz and ServiceLink
 - ✓ z/VM Licensed Programs
 - ✓ **z/VM Installation Media**
- ✓ Support for digital signature verification on service
- ✓ Provide SERVLINK files **ready-to-apply**
- ✓ Prepare CMS minidisk **ready-to-use** for second-level installation or upgrade

Motivation



- ✓ For service, Direct-to-Host transfer reduces the number of steps (mouse clicks) by **50%**
- ✓ For install media, Direct-to-Host transfer or Workstation Upload can reduce time spent on transfer by **hours**
- ✓ *Copy, Paste, Submit, Done!*

Audience



- ✓ Clients using Shopz and/or ServiceLink to order z/VM Service or Install Media
- ✓ Security policy allows **direct connections** from z/VM to IBM
 - ✓ If not: try Workstation Upload

Existing Workflows

Shopz

- HTTPS for download
- Generates a unique URL for download without further authentication
- Links must be copied from Shopz order page into GETSHOPZ web app
- Free and available to all customers
- Includes service, new releases, and licensed programs

Download U02570160-z/VM 7.4 - 2025-02-06 16.20.33

Download expires on 12 Mar 2025

z/VM Product Package for installation on 3390 - Disk 2

↓ [Download to your workstation in EDBIN format - \(cd765602.iso\) \(1538.9 MB\)](#)

z/VM Product Package for installation on SCSI - Disk 2

↓ [Download to your workstation in EDBIN format - \(cd765612.iso\) \(1531.3 MB\)](#)

z/VM Electronic Product Package for installation on 3390 - Disk 2

↓ [Download to your workstation in EDBIN format - \(cd765622.zip\) \(669.4 MB\)](#)

z/VM Electronic Product Package for installation on SCSI - Disk 2

↓ [Download to your workstation in EDBIN format - \(cd765632.zip\) \(665.8 MB\)](#)

ServiceLink

- Secure FTP for automated download
- Generates a unique username and password to authenticate FTP download
- Text including credentials must be copied from ServiceLink order page into GETSHOPZ web app
- Paid or bundled service
- Includes only service packages (PTF, RSU)

Work with orders

[View an order](#)

Order access credentials

Username

██████████

Password

██████████

Order update text

SDF Order# B8303291 was Received at 13:26:34 02/12/2025

PLEASE NOTE:

Physically delivered CCSS orders are now shipping from Dublin Ireland.

Please expect an increase in the transit time for delivery.

We recommend you please select electronic delivery whenever possible.

***** Internet Webpage *****

If you have access to the Internet, IBM has a webpage available for you to check the status of your order. The URL

is- https://www14.software.ibm.com/webapp/ssos/order_status

NEW – Install Media Transfer

Use GetShopz to transfer and automatically decompress **installation media ZIP files**, the same way it can currently transfer and decompress service files.

- Support Direct-to-Host transfer from Shopz as well as Workstation Upload
- Faster and simpler than the old method of downloading, decompressing, and transferring up to 1500 files
- Produce image files on specified CMS disk, which is then **ready-to-use** for second-level installation or upgrade installation

FTP is being phased out as a method for second-level installation and upgrade installation.

- Second-level installations and upgrade installations in z/VM 7.5 and later will need to use a CMS minidisk as the install media source. FTP can only be used for first-level installations.
- However, the previous process of preparing the CMS minidisk can be tedious and error-prone.

Installation Media Transfer Workflow

My orders

Shopz makes ordering and managing your z Systems software easy.

- Shopz
- My orders**
- My preferences
- My hardware systems
- My licensed/installed software
- My downloads

- Overview
- Create new order
- Draft orders
- Processing
- Awaiting approval
- Completed
- Download**

Download U02624565-z/VM 7.4 - 2025-10-21 14.41.04

Download expires on 22 Nov 2025

Order Packing List

[View Now](#)

Installation instructions

[View now](#)

Additional Publications

- [→ Download to your workstation using IBM Download Director](#)
- [→ Download to your workstation using HTTPS](#)

Installation Media Transfer Workflow

Locate the ZIP files (not ISO) for your DASD type, 3390 or SCSI.

Total of 2 links to be copied and pasted.

Start GetShopz running on z/CMS – will not work on CMS390.

Download U02624565-z/VM 7.4 - 2025-10-21 14.41.04

Download expires on 22 Nov 2025

z/VM Product Package for installation on 3390 - Disk 2

↓ [Download to your workstation in EDBIN format - \(cd765602.iso\) \(1538.9 MB\)](#)

z/VM Product Package for installation on SCSI - Disk 2

↓ [Download to your workstation in EDBIN format - \(cd765612.iso\) \(1531.3 MB\)](#)

z/VM Electronic Product Package for installation on 3390 - Disk 2

↓ [Download to your workstation in EDBIN format - \(cd765622.zip\) \(669.4 MB\)](#)

z/VM Electronic Product Package for installation on SCSI - Disk 2

↓ [Download to your workstation in EDBIN format - \(cd765632.zip\) \(665.8 MB\)](#)

z/VM Product Package for installation on 3390 - Disk 1

↓ [Download to your workstation in EDBIN format - \(cd770693.iso\) \(3544.3 MB\)](#)

z/VM Product Package for installation on SCSI - Disk 1

↓ [Download to your workstation in EDBIN format - \(cd770703.iso\) \(3498.2 MB\)](#)

z/VM Agreements and License DVD

↓ [Download to your workstation in EDBIN format - \(cd770733.iso\) \(8.3 MB\)](#)

z/VM Electronic Product Package for installation on 3390 - Disk 1

↓ [Download to your workstation in EDBIN format - \(cd770763.zip\) \(1427.6 MB\)](#)

z/VM Electronic Product Package for installation on SCSI - Disk 1

↓ [Download to your workstation in EDBIN format - \(cd770773.zip\) \(1409.4 MB\)](#)

Installation Media Transfer Workflow – Option 1: Direct-to-Host transfer

z/VM Media Transfer

Direct to Host Transfer

Workstation Upload

Help

Transfer files by URL

This option facilitates the transfer of z/VM service files or install media ZIPs directly from IBM ShopZ or ServiceLink to your z/VM System.

Paste the Shopz URLs or ServiceLink credentials below, or select file with URLs to transfer:

Browse

Or paste the URLs below:

```
https://deliverycb-  
bld.dhe.ibm.com/sfdl/v2/edeliver/8975471556/P0790t48/2026010700002/PUB/Xa.2/Xb.2M6bqZBQ3kP5qHiHnrTcs_A/Xc.89754715  
56/P0790t48/2026010700002/PUB/cd770762.zip/Xd./Xf.LpR.A6VN/Xg.13689932/Xi./XY.shopz/XZ.biINqFenRsXAP45jdtTh2_RsBglsuq  
6-/cd770762.zip  
https://deliverycb-  
bld.dhe.ibm.com/sfdl/v2/edeliver/8975471556/P0790t48/2026010700002/PUB/Xa.2/Xb.2M6bqZBQ3kP5qHiHnrLQv0w/Xc.89754715  
56/P0790t48/2026010700002/PUB/cd765621.zip/Xd./Xf.LpR.A6VN/Xg.13689932/Xi./XY.shopz/XZ.KOn1yiduaRJMgWI4Dp5uZohrzdYd  
Q4uk/cd765621.zip
```

Submit

Installation Media Transfer Workflow – Option 2: Workstation Upload

z/VM Media Transfer

Direct to Host Transfer

Workstation Upload

Help

Upload files from workstation

This option facilitates the transfer of z/VM service files or install media ZIPs locally from your computer to the z/VM System.

Drag and drop the service files/install media ZIPs to the upload area below or select files to upload:

Browse



Installation Media Transfer Workflow

Files are transferred on GetShopz running on CMS.

- Integrity of each image file is checked as it is decompressed
- File names flash by as they are uploaded. The final file name contains the number of image files unpacked.
- Hash value displayed on web interface, CMS, and written to logfile
 - Verify against VM website (Next slide...)

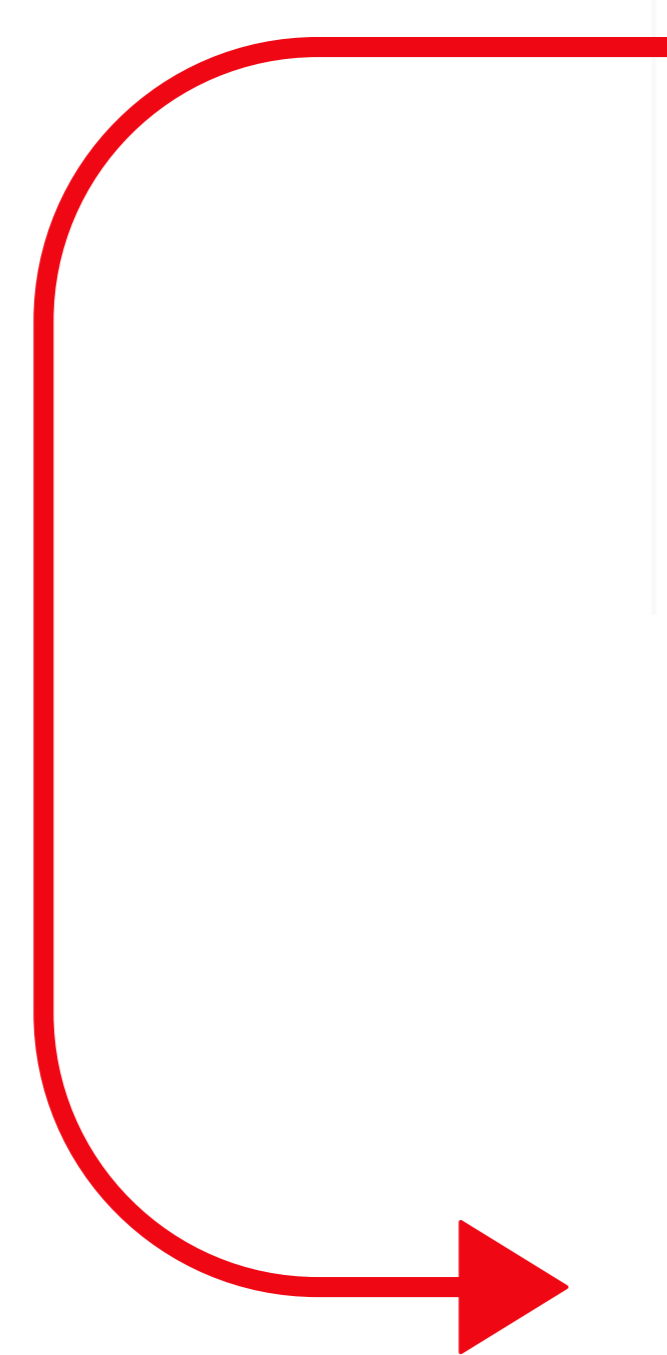
Submit

Filename	Size	CMS File	Transfer Rate	Order	Security	Digital Signature Verification
cd770763.zip	1.3 GB	CD770763 TEMPFILE D	5797.75 kB/s	cd770763	Verify	fa5c41185d18c67ad10534789e39c9bdecb53deb6b518f1fedaf2899887fd2f2
cd765622.zip	638.4 MB	CD765622 TEMPFILE D	5804.96 kB/s	cd765622	Verify	07a29d4b7539fc43294416b6f6664c821278a1f9a2a6194f8a5bc00c3f921ea3

Installation Media Transfer Workflow – Verify the hash

<https://www.ibm.com/support/pages/zvm/install/prodinst.html>

This link is provided under the “Help” tab in the GetShopz web interface



Installation Instructions for Electronically Delivered z/VM System Deliverable and Licensed Products

Electronic z/VM System Deliverable Files

Instructions for installing electronic (**ZIP**) files for the **z/VM Operating System** are contained in this file:

- [z/VM V7R4 Installation Instructions for Electronically Delivered z/VM System deliverable](#)
- [z/VM V7R3 Installation Instructions for Electronically Delivered z/VM System deliverable](#)

Electronic Product Envelope Files

Instructions for installing an electronic product envelope (**SERVLINK**) file for **z/VM Licensed Products** are available via the [Installation Instructions for z/VM Electronically or DVD Delivered Licensed Products](#) page.

3. Procedure To Download and Process the Folder ZIP files

Names of the Folder ZIP Files (found in **VM Product Materials**):

CD770763.ZIP	3390 - z/VM Product Package DISC 1
CD765622.ZIP	3390 - z/VM Product Package DISC 2 (includes RSU)
CD770773.ZIP	SCSI - z/VM Product Package DISC 1
CD765632.ZIP	SCSI - z/VM Product Package DISC 2 (includes RSU)

SHA256 hash values

CD770763.ZIP	fa5c41185d18c67ad10534789e39c9bdec53deb6b518f1fedaf2899887fd2f2
CD765622.ZIP	07a29d4b7539fc43294416b6f6664c821278a1f9a2a6194f8a5bc00c3f921ea3
CD770773.ZIP	727079804d2d84b5db8f422aa255a9f331098cbcd4654d5c0de6b5499698ee9c
CD765632.ZIP	2b6331cf354fbce6512c9b42906cea635a04849e24dd21fb53f9654acb3da57c

The ZIP files need to be downloaded to a workstation where they can be unzipped. Only the ZIP files appropriate for the host system DASD where you plan to install need to be downloaded.

2

Web Interface Updates

z/VM Media Transfer

Direct to Host Transfer

Workstation Upload

Help

Help using the z/VM Media Transfer

This web application can be used to upload z/VM service or installation media zips to CMS. For z/VM service, the integrity of the files is verified during download by comparing the SHA hash value with the published value in the GIMPAF2 XML cover letter. A digital signature is used to verify the authenticity of the cover letter. The GIMPAF XML cover letter contains the hash value that corresponds to the value stated in the order download e-mail. The files are decompressed during download, leaving a SERVLINK file on the designated disk that can be used in the SERVICE command. For installation media zips, each file is checked and decompressed during the transfer. The SHA256 hash value is displayed after a successful transfer so the user can compare it to published values on <https://www.vm.ibm.com/install/prodinst.html>.

Direct-to-Host Transfer - z/VM System with Internet Connectivity

Copy the URLs one by one from the Shopz order page into the input area, then press [Submit] to have z/VM download the files. If you are using a browser extension like "Linkclump" to extract the links from the Shopz page, you can copy and paste all links in a single operation. If using ServiceLink, copy and paste the entire text of the order details page, being sure to include the order access credentials (username/password). When you have the links or order info in a text file on the workstation, use the [Browse] button to fill the input area.

Workstation Upload - z/VM System without Internet Connectivity

First download the files to your workstation, then drag the files over to the web application. Alternatively, you can select the files using the [Browse] button.

For guidance on transferring service to your z/VM system, including configuration and command options, see: <https://www.vm.ibm.com/service/getshopz.html>

Transfer Status Output

Filename	Size	CMS File	Transfer Rate	Order	Security	Digital Signature Verification
S8332144.DOC3820	3.8 kB	S8332144 DOC3820 A	637.91 MB/s		SSL	N/A
GIMPAF.XML	2.7 kB	S8332144 GIMPAF A	390.62 MB/s	S8332144	Signed	Hash Value: 2E35F5F54E8777F8D4E885458848A8887CC842E9
GIMPAF.XSL	4.9 kB	S8332144 XSL A	18.00 MB/s	S8332144	Signed	GIMPAF.XSL
GIMPAF2.XML	9.8 kB	S8332144 GIMPAF2 A	32.23 MB/s	S8332144	Signed	Signed by IBM Corporation, IBM Code Signing
S0001.SHOPZ.S8332144.SHIPDOC.pax.Z	31.5 kB	2144DOC SERVLINK A	685.02 kB/s	S8332144	Signed	S0001.SHOPZ.S8332144.SHIPDOC.pax.Z
<u>S0002.SHOPZ.S8332144.SHIPRSU1.pax.Z</u>	28.6 MB		5738.91 kB/s			43.7% remaining 0:02

Regardless of transfer method, the following column headings appear on the GetShopz web page, the CMS backend, and in GETSHOPZ LOGFILE on CMS:

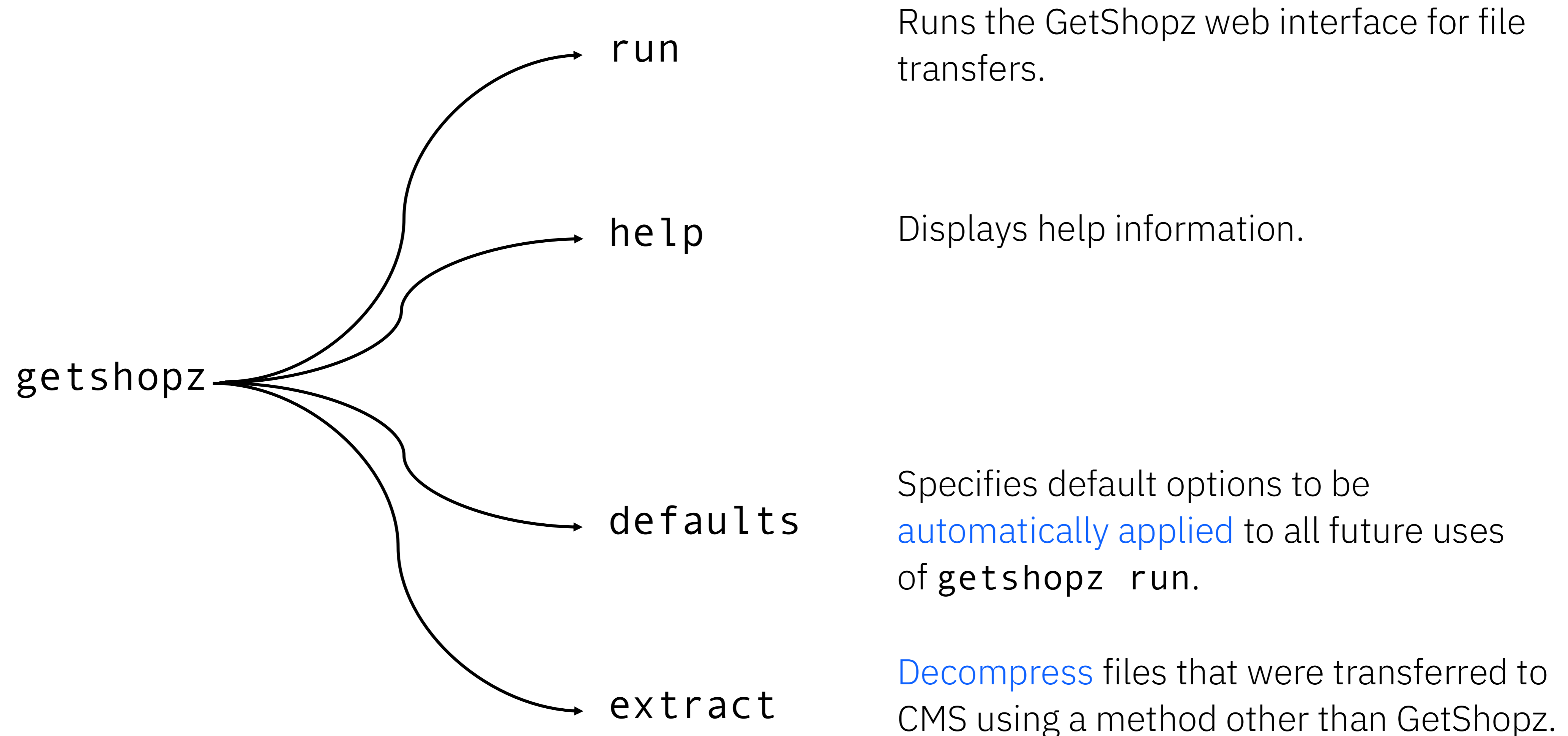
- **Filename**: the fully-qualified name of the file that is being downloaded or transferred.
- **Size**: the size of the compressed file.
- **CMS File**: the decompressed file stored on your CMS disk. For install media transfers, this is a temporary file containing the number of IMAGE files that were unpacked from the ZIP.
- **Transfer Rate**: the average throughput for that file. This is combined with the size of the compressed file to estimate time to completion. Blocking of data at various points in the connection could produce misleading throughput numbers for small files.

Transfer Status Output

Filename	Size	CMS File	Transfer Rate	Order	Security	Digital Signature Verification
S8332144.DOC3820	3.8 kB	S8332144 DOC3820 A	637.91 MB/s		SSL	N/A
GIMPAF.XML	2.7 kB	S8332144 GIMPAF A	390.62 MB/s	S8332144	Signed	Hash Value: 2E35F5F54E8777F8D4E885458848A8887CC842E9
GIMPAF.XSL	4.9 kB	S8332144 XSL A	18.00 MB/s	S8332144	Signed	GIMPAF.XSL
GIMPAF2.XML	9.8 kB	S8332144 GIMPAF2 A	32.23 MB/s	S8332144	Signed	Signed by IBM Corporation, IBM Code Signing
S0001.SHOPZ.S8332144.SHIPDOC.pax.Z	31.5 kB	2144DOC SERVLINK A	685.02 kB/s	S8332144	Signed	S0001.SHOPZ.S8332144.SHIPDOC.pax.Z
<u>S0002.SHOPZ.S8332144.SHIPRSU1.pax.Z</u>	28.6 MB		5738.91 kB/s			43.7% remaining 0:02

- **Order**: the identifier for which service order a file belongs to. For install media transfers, this is the name of the ZIP file. Multiple orders may be transferred in parallel.
- **Security**: the confidence level based on the security measures available to the file that is being uploaded. For service orders, this is most commonly “SSL” or “Signed”. For install media transfers, expect “Verify”. For licensed programs, expect “IBM-SSL”. Other files could be “Unknown”, which indicates that code signing is not available for the file (not necessarily that the file is corrupted).
- **Digital Signature Verification**: During the transfer, this field shows the completion percentage and estimated time remaining. After the file is transferred, it contains relevant information for each file. For install media transfers, this is the hash value to compare to the VM website.

Four Paths



Helpful Options

- ✓ `DISK fm` – stores uncompressed files to the specified disk
- ✓ `ISOLATED` – simplifies the web application to run without internet connectivity
- ✓ `PORT num` – specifies the port to use for the web interface; a go-to for connection issues
- ✓ `SECURE` – web interface will use a secure TLS/SSL connection (HTTPS URL)
- ✓ `TOKEN` – token-based authentication when the workstation IP address can't be checked; another go-to if the connection has issues

OK, I'm convinced – how do I get it?

7.3

- APAR [VM66732](#): Digital Signature Verification.
- APAR [VM66900](#): ServiceLink, licensed programs, and Install Media ZIP support.

7.4

- Digital Signature Verification included in the base of 7.4.
- CMS Feature Pack 0100 (APAR [VM66834](#)): ServiceLink and licensed programs support.
- CMS Feature Pack 0600 (APAR [VM66893](#)): Install Media ZIP support.

Thank you!

- Sponsor users & internal users
- Development, test, and security folks who pitched in
- Shout out to Rob van der Heij, who made this project (and GetShopz in general) happen. Thank you, Rob, and happy retirement!

...and thank YOU for listening!

Sam Capodiccì

z/VM Install and Packaging

s.capodiccì@ibm.com

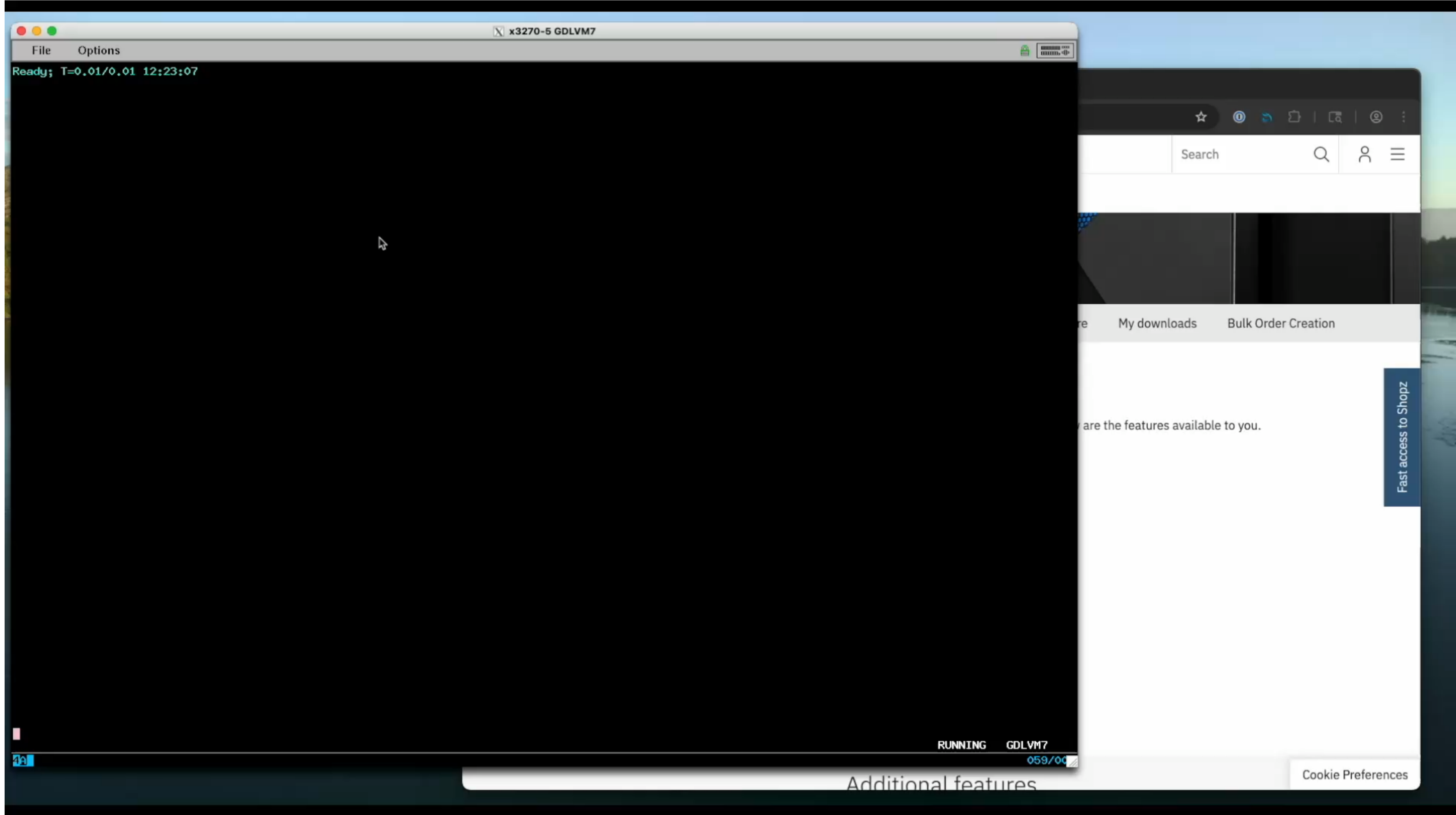
www.linkedin.com/in/sam-capodiccì-b8541323b

References

- ✓ [z/VM 7.4: Service Guide](#)
 - ✓ Part 1, chapter 2: configuration and use
 - ✓ Appendix A: detailed view of command syntax, options, examples
- ✓ <https://www.vm.ibm.com/service/getshopz.html>
- ✓ [Navigating the GetShopz Web Interface](#) (sample screens)
- ✓ [Video Education on GetShopz](#)

IBM

Extra Material

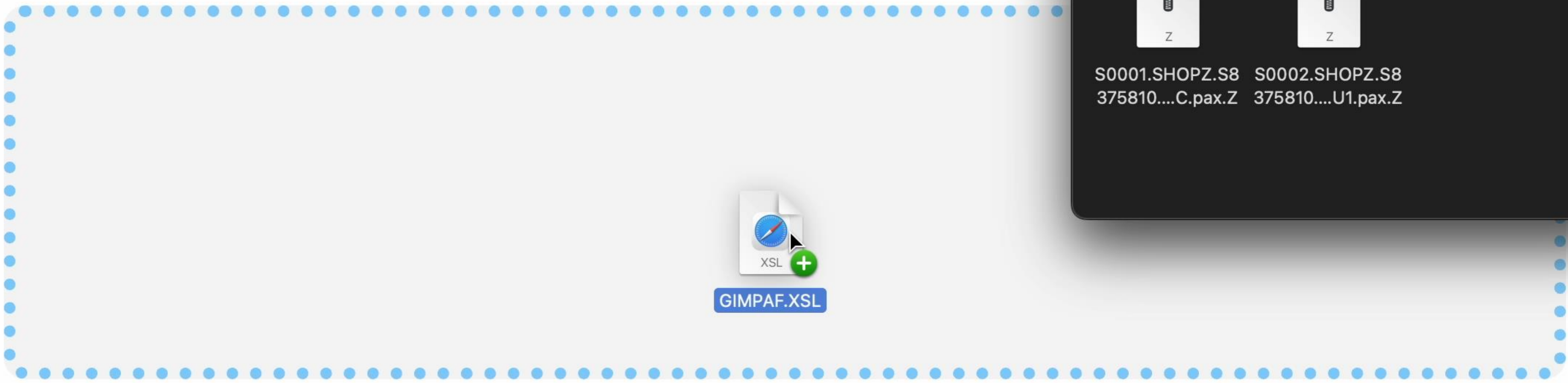


Upload files from workstation

This option facilitates the transfer of z/VM service files locally from your computer to the z/VM System.

Drag and drop the service files to the upload area below or select service files to upload:

Browse



Filename	Size	CMS File	Transfer Rate	Order	Security	Digital Signature Verification
<u>S0002.SHOPZ.S8375810.SHIPRSU1.pax.Z</u>	193.0 MB		90.5 MB			47%
S0001.SHOPZ.S8375810.SHIPDOC.pax.Z	31.5 kB	5810DOC SERVLINK B	31.7 kB	S8375810	Signed	S0001.SHOPZ.S8375810.SHIPDOC.pax.Z
GIMPAF2.XML	9.8 kB	S8375810 GIMPAF2 B	10.0 kB	S8375810	Signed	Signed by IBM Corporation, IBM Code Signing

Direct-to-Host Transfer

Copy the [entire text](#) of the ServiceLink order page.

Paste into the [input area](#) in the center of the GETSHOPZ page.

Alternatively: copy the order details to a [text file](#), save the file, and use the “Browse” button to locate it.

Click [Submit](#) to initiate the transfer.

← [ServiceLink](#)

Service Request and Delivery

Order PTFs

Order z/OS

Order fix

Order VM ESO

Order VM RSU

Work with orders

Work with profiles

Help

Related links

- [Automatic Software Alert Process \(ASAP\)](#)
- [Automatic Status Tracking \(AST\)](#)
- [Service Information Search \(SIS\)](#)

Work with orders

View an order

Order access credentials

Username

Password

Order update text

SDF Order# B8303291 was Received at 13:26:34 02/12/2025

PLEASE NOTE:

Physically delivered CCSS orders are now shipping from Dublin Ireland. Please expect an increase in the transit time for delivery.

We recommend you please select electronic delivery whenever possible.

..*.*.*.*.*.*.*.* Internet Webpage *.*.*.*.*.*.*.*.*.*

If you have access to the Internet, IBM has a webpage available for you to check the status of your order. The URL is- https://www14.software.ibm.com/webapp/ssos/order_status

ORDER REFERENCE INFORMATION

IBM customer number: [B8303291](#)

IBM order number: B8303291

Refer to the IBM order number when contacting IBM support:

<http://www.ibm.com/support>

Your order will be available for download on the IBM software delivery server through 15 Feb 2025

USERID = [B8303291](#)

DIRECTORY = 2025021203291

SERVER : deliverycb-bld.dhe.ibm.com

To access your order directly, go to:

<https://deliverycb-bld.dhe.ibm.com>

Note: You will be prompted for a userid and password to logon to the download server. The password can be obtained by clicking on your order within the "Work with orders" tab in the ServiceLink SRD application.

Click the above link to access and download your order.

When the download is complete, upload the files from your workstation to your VM host. See the following web page for instructions on how to upload and install your order:

<http://www.vm.ibm.com/install/servins7.html>

You may also need to update your firewall rules to add the host names or IP addresses for IBM software download servers.

For more information, see the IBM Support page at:

<https://www.ibm.com/support/pages/node/6580101>

Order information

Order number

SRD501820

Submit date

02/12/2025

IBM Service Request and Deli x w3 Secure File Transfer - Director x +

deliverycb-bld.dhe.ibm.com/2025052075875/PROD

w3 1-3-9 My Links You & IBM Collaboration Support

Secure File Transfer

Secure File Transfer (w3)

/

Directory list

Name	Size
GIMPAF.XML	2720
GIMPAF.XSL	5040
GIMPAF2.XML	10080
S0001.SHOPZ.S8375875.SHIPDOC.pax.Z	32256
S0002.SHOPZ.S8375875.SHIPRSU1.pax.Z	202309632

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