

# Product and PTF Ordering Options for IBM Z Software Products

As stated in the IBM Software Announcement [218-118](#) dated March 6, 2018, on July 1, 2018, delivery of z/OS platform products, and for PTFs for z/OS, z/VM, and z/VSE on tape is planned to be discontinued with an effective date of **July 16, 2018**. IBM plans to support Internet and DVD delivery options for product and PTF delivery in Shopz and ServiceLink.

This includes:

- z/VM – PTF orders
- z/VSE - PTF orders
- z/OS - Product and PTF orders

If you currently have products or PTFs delivered on tape, now is a good time to make sure you are prepared to use a different acquisition method. IBM recommends Internet delivery for speed and convenience. It is the most popular option and is used for nearly 90% of software orders. However, if you still require physical media, you can choose DVD.

## Preparing for Internet Delivery

If you plan to switch to Internet Delivery for orders you place manually, review sections “Internet Delivery” and “Downloading Orders” of the [Shopz Users Guide](#). You will choose “Internet” as the delivery method when you place a Shopz or ServiceLink order and you will receive an email when your order is ready for download. You can choose to download your order directly to your z/OS system (Direct-to-Host) or you can download your order to an intermediate workstation then upload it to your z/OS, z/VM, or z/VSE system (Store-and-Forward). Product orders are normally retained on the download server for 30 days and PTF orders are normally retained for 14 days before they are removed. If your z/OS system is connected to the Internet, you can also use the SMP/E RECEIVE ORDER command to get PTFs and current HOLDDATA without using Shopz or ServiceLink.

# z/VM and z/VSE

## *PTF Ordering Options*

### *Shopz*

z/VM and z/VSE PTF orders can only be downloaded with the Store-and-Forward download method to an intermediate workstation and then uploaded to your z/VM or z/VSE system. You can use the supplied [IBM Download Director](#) link or HTTPS from your browser to download your order to the workstation.

### *ServiceLink*

You can only use the Store-and-Forward method to download your z/VM or z/VSE service order to an intermediate workstation using the HTTPS from your browser and later upload the order (in binary) to your z/VM or z/VSE system.

## z/OS

For z/OS, setup requirements can be found in [z/OS Planning for Installation](#). All z/OS product and service orders can be downloaded using Secure FTP (FTPS), HTTP Secure (HTTPS), or IBM Download Director with encryption (which also uses HTTPS). You can also use HTTPS from your browser to download additional materials in product orders.

See the [SMP/E for z/OS User's Guide](#) for information on the required setup for Internet delivery and [Washington System Center \(WSC\) Flash 10884](#) for information about the required certificate authority root CA certificates. You might need to set up your firewall rules to allow downloads from the IBM servers. See [WSC Flash 10780](#) for information about IBM download servers used for z/OS product and service orders.

### *Connectivity Test*

You can verify that your system is set up properly to download z/OS product and service orders from IBM by using the [IBM Connectivity Test for SW Download Readiness](#) web site. You can choose a download method (HTTPS, FTPS, or Download Director with encryption) to download a test package to your z/OS system or to your workstation.

## *PTF Ordering Options*

### *SMP/E RECEIVE ORDER*

If your z/OS system is connected to the Internet, you can also use the SMP/E RECEIVE ORDER command to get PTFs and current HOLDDATA without using Shopz.

### *Shopz*

#### *Direct-to-Host Download Method*

You can download your PTF order directly to your z/OS system using either the HTTPS download job (RFNJOBH) or the FTPS download job (RFNJOBS) supplied on your order's download page.

#### *Store-and-Forward Download Method*

If you can't download directly to your z/OS system, you can use the Store-and-Forward method to download your order to an intermediate workstation using the [IBM Download Director](#) link and then upload the order to your z/OS system.

### *ServiceLink*

For z/OS PTF orders, you choose "Internet" as the delivery method and then choose a package type of GIMZIP or TERSE when you place your ServiceLink SRD order. You will receive an email when your order is ready for download.

#### *Direct-to-Host Download Method*

You must choose a package type of GIMZIP to download your order directly to your z/OS system. You can use either the sample HTTPS download job (RFNJOBH) or the FTPS download job (RFNJOBS) supplied with your order.

#### *Store-and-Forward Download Method*

You can choose either package type (GIMZIP or TERSE) when you plan to use the Store-and-Forward method to download your order to an intermediate workstation using HTTPS from your browser and later upload the order to your z/OS system.

# Product Ordering Options

## Shopz

### *Direct-to-Host Download Method*

You can download your CBPDO order directly to your z/OS system using either the HTTPS download job (RFNJOBH) or the FTPS download job (RFNJOBS) supplied on your order's download page. ServerPac orders are downloaded using the RECEIVE job generated by the CustomPac dialog using information supplied on your order's download page.

### *Store-and-Forward Download Method*

If you can't download directly to your z/OS system, you can use the Store-and-Forward method to download your order to an intermediate workstation using the [IBM Download Director](#) link and then upload the order to your z/OS system. To download additional materials associated with your order you can use [IBM Download Director](#) or HTTPS from your browser.

## Preparing for DVD Delivery

If you plan to switch to DVD Delivery, see the requirements documented in [z/OS Planning for Installation](#). Briefly, you will need a workstation that is network-attached to your z/OS system with an optical drive capable of reading DVDs.

## References

### *z/VSE*

z/VSE Internet Delivery for PTFs

[ftp://public.dhe.ibm.com/eserver/zseries/zos/vse/pdf3/Apply\\_PTFs\\_from\\_the\\_Internet.pdf](ftp://public.dhe.ibm.com/eserver/zseries/zos/vse/pdf3/Apply_PTFs_from_the_Internet.pdf)

### *z/VM*

How to order z/VM electronically:

<http://www.vm.ibm.com/buy/edelivery/>

z/VM Internet Delivery:

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

z/VM Installation Guide:

<http://publibfp.dhe.ibm.com/epubs/pdf/hcsc2c30.pdf>

## *z/OS*

See the “Statements of general direction” section in the z/OS V2.3 Preview Announcement 217-085 dated February 21, 2017

[http://www.ibm.com/common/ssi/ShowDoc.wss?docURL=/common/ssi/rep\\_ca/5/897/ENUS217-085/index.html](http://www.ibm.com/common/ssi/ShowDoc.wss?docURL=/common/ssi/rep_ca/5/897/ENUS217-085/index.html)

See the z/OS V2.3 Enhancements Announcement 218-118 dated March 6, 2018

[http://www.ibm.com/common/ssi/ShowDoc.wss?docURL=/common/ssi/rep\\_ca/8/897/ENUS218-118/index.html](http://www.ibm.com/common/ssi/ShowDoc.wss?docURL=/common/ssi/rep_ca/8/897/ENUS218-118/index.html)

Shopz User’s Guide

[https://www.ibm.com/software/shopzseries/ShopzSeries\\_public.wss?action=guide](https://www.ibm.com/software/shopzseries/ShopzSeries_public.wss?action=guide)

z/OS Planning for Installation

[https://www.ibm.com/servers/resourcelink/svc00100.nsf/pages/zOSV2R3ga320890/\\$file/e0zb100\\_v2r3.pdf](https://www.ibm.com/servers/resourcelink/svc00100.nsf/pages/zOSV2R3ga320890/$file/e0zb100_v2r3.pdf)

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