

IBM Print Transform from AFP to Accessible PDF feature for z/OS, V1.2.1 is a new optional, priced feature to meet accessibility regulations

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At a glance

The IBM[®] Print Transform from AFP to Accessible PDF feature for z/OS[®] delivers new functionality. It builds on the base AFP to PDF Print Transform and is designed to automatically produce PDF documents that comply with the ISO 14289-1 PDF/UA standard and WCAG 2.0 AA. The capabilities of this optional, priced feature include:

- The use of specific and mandatory tagging techniques enhances the navigation of the document. Automating transactional documents using the AFP to PDF transform with the Accessible PDF feature combines business rules to add the necessary tags and descriptions required to convert a PDF to an accessible PDF/UA document.
- They allow readers to skip sections of content that are not of immediate interest and to easily move forward and backward through the document.
- Graphical elements are tagged as "figures" and permit users to enter appropriate descriptions about what each figure depicts.
- The natural language of the document is defined as well as changes to language used within the document. This is important for multilingual documents and permits speak-aloud software to use proper pronunciations appropriate to the language being used as it changes throughout the document.

Overview

Providing documents that are in compliance with the regulations governing the delivery of accessible documents to blind, partially sighted, and cognitively disabled individuals is becoming increasingly important. The new IBM Print Transform from AFP to Accessible PDF feature can automate the creation of accessible documents that comply with the ISO 14289-1 PDF/UA standard and WCAG 2.0 AA. This new optional, priced feature builds on the base IBM Print Transform from AFP to PDF product (5655-TF1).

The base AFP to PDF Print Transform, working together with Infoprint Server for z/OS, an optional feature of IBM z/OS (5650-ZOS), can transform your output transparently, without rewriting any applications. This helps you gain increased flexibility and efficiency for your production operations by utilizing a wider choice of technology, protocols, and formats. Infoprint Server is an operational prerequisite, but is not required to install the transform products.

The Print Transform from AFP products for Infoprint Server for z/OS are designed to be an integral part of your z/OS-based enterprise output management infrastructure and may give you the flexibility and delivery options you need for

output management. They allow you to print z/OS Advanced Function Printing (AFP)-based output on network-attached printers that support PCL, PostScript™, or PDF for personal or departmental use, without moving data or resources off of the z/OS system.

Key prerequisites

The Print Transform from AFP products for Infoprint Server for z/OS, V1.2 and 1.2.1 require z/OS V2.1 (5650-ZOS), or later, with the z/OS Infoprint Server feature for operation.

The IBM Print Transform from AFP to Accessible PDF feature requires Print Transform from AFP to PDF for Infoprint Server for z/OS, V1.2.1.

For specific requirements, see the [Technical information](#) section.

Planned availability date

October 27, 2017

Description

See Software Announcement [217-046](#), dated February 21, 2017, for additional information on the three Print Transform from AFP products for Infoprint Server for z/OS:

- Print Transform from AFP to PDF for Infoprint Server for z/OS, V1.2 (Print Transform AFPxPDF, 5655-TF1)
- Print Transform from AFP to PCL for Infoprint Server for z/OS, V1.2 (Print Transform AFPxPCL, 5655-TF2)
- Print Transform from AFP to PostScript for Infoprint Server for z/OS, V1.2 (Print Transform AFPxPS, 5655-TF3)

Section 508 of the US Rehabilitation Act

IBM Print Transform from AFP to PDF for Infoprint Server for z/OS, V1.2.1 and the Accessible PDF feature are capable as of October 27, 2017, when used in accordance with associated IBM documentation, of satisfying the applicable requirements of Section 508 of the Rehabilitation Act, provided that any assistive technology used with the product properly interoperates with it.

A US Section 508 Voluntary Product Accessibility Template (VPAT) containing details on accessibility compliance can be found on the [IBM Accessibility](#) website.

Product positioning

Print Transform from AFP products for Infoprint Server for z/OS deliver data conversion flexibility for z/OS

The new AFP to Accessible PDF Transform feature is designed to automate the process of creating accessible documents. When this new feature is included in the AFP to PDF transform process, it will automatically convert the transactional AFP input into an accessible PDF document which can comply with WCAG 2.0 AA or PDF/UA, the ISO standard for Accessible PDFs.

The new AFP to Accessible PDF Transform requires a special business rules input file to identify the necessary tags and updates required to convert the AFP transaction input into an accessible PDF. The expectation is that the person who creates the business rules file has an understanding of the standards for accessible documents.

The three Print Transform from AFP products for Infoprint Server for z/OS are intended to provide the foundation for more efficient ways to deliver critical business information to your clients, employees, suppliers, and partners.

Clients who need a high-availability, scalable output management system on z/OS to support thousands of printers and electronic output delivery are encouraged to order and use the z/OS optional, priced feature of Infoprint Server for z/OS and the Print Transform from AFP products for Infoprint Server for z/OS.

Hardware and software support services

SmoothStart/installation services

IBM SmoothStart Services and Installation Services are not provided.

Program number

Program number	VRM	Program name
5655-TF1	1.2.1	IBM Print Transform from AFP to PDF for Infoprint Server for z/OS

Business Partner information

If you are a Direct Reseller - System Reseller acquiring products from IBM, you may link directly to Business Partner information for this announcement. A PartnerWorld ID and password are required (use IBMid).

[BP Attachment for Announcement Letter 217-297](#)

Technical information

Specified operating environment

Hardware requirements

The Print Transform from AFP to Accessible PDF feature for Infoprint Server for z/OS, V1.2.1 requires an IBM Z server.

Software requirements

The Print Transform from AFP to Accessible PDF feature for Infoprint Server for z/OS, V1.2.1 requires:

- z/OS V2.1 (5650-ZOS), or later.
- Infoprint Server for z/OS, an optional, priced feature of z/OS, V2.1, or later. Infoprint Server is an operational prerequisite, but is not required to install the transform products.
- Adobe™ Acrobat Viewer for viewing output transformed from AFP to PDF.

Performance considerations

Transforming print jobs from the data stream in which they were created to another data stream will use more system resources than printing the same job to a printer that supports the native data stream. The print file resulting from the transforms may be larger than the original input print file. The impact on system and network resources will vary depending upon the print volume, the print data streams processed, and the current utilization of the system and network resources.

Transform execution speed varies with the data stream type, job length, output resolution, screening algorithms (for images), level of encryption, and density and complexity of the pages in the print file. In particular, PostScript and PDF transforms vary greatly in complexity, and transform speeds may vary significantly for similar, but different jobs.

Note: Producing an accessible PDF requires additional CPU cycles and the resulting accessible PDF document will be larger than the comparable nonaccessible PDF document due to the required tagging information that must be embedded within the accessible PDF document.

Security, auditability, and control

The Print Transform from AFP to Accessible PDF feature for Infoprint Server for z/OS, V1.2.1 uses the security and auditability features of the host z/OS operating system.

The customer is responsible for evaluation, selection, and implementation of security features, administrative procedures, and appropriate controls in application systems and communication facilities.

Ordering information

The following publication is available and can be downloaded from the [IBM Support website](#). You can also contact your IBM representative or IBM Business Partner.

Program Directories

Title	Form number
IBM Print Transform from AFP to PDF for Infoprint Server for z/OS Program Directory	GI11-9844

The following publication is available at [IBM Knowledge Center](#) or you can contact your IBM representative or IBM Business Partner.

Licensed Program Specifications

Title	Form number
IBM Print Transform from AFP to PDF for Infoprint Server for z/OS Licensed Program Specifications	G325-2636

Documentation for IBM print products that operate on z/OS is available at [IBM Knowledge Center](#). The *IBM Print Transform from AFP products for Infoprint Server for z/OS* publication (G325-2634-30) will be available on October 23, 2017.

Ordering z/OS through the internet

Shopz provides an easy way to plan and order your z/OS ServerPac or CBPDO. It will analyze your current installation, determine the correct product migration, and present your new configuration based on z/OS. Additional products can also be added to your order (including determination of whether all product requisites are satisfied). Shopz is available in the US, Canada, and several countries in Europe. In countries where Shopz is not available yet, contact your IBM representative (or IBM Business Partner) to handle your order through the traditional IBM ordering process. For more details and availability, go to the [Shopz](#) website.

New licensees

Orders for new licenses can be placed now.

This product is delivered in ServerPac, SystemPac, and CBPDO. You choose the delivery method, physical media or internet, when ordering. See the [Customized offerings](#) section for the available media types.

Production of orders will begin on the planned general availability date, October 27, 2017. Ship dates for orders will be based on order sequence, production capability, and the customer-requested arrival date. Due to the amount of customization of ServerPac orders, shipments will begin approximately two weeks after general availability. Due to the amount of customization of SystemPac orders, shipments will begin approximately four weeks after general availability. For CBPDO orders, shipments will begin one week after general availability. In all cases, no delivery commitments are to be made to the customer until confirmed arrival dates are in ESW.

Registered customers can access IBMLink for ordering information and charges. Shipment will not occur before the availability date, October 27, 2017.

New users of the Print Transform for AFP to PDF products should specify:

Program description	Type	Model
IBM Print Transform from AFP to PDF for Infoprint Server for z/OS, V1.2.1	5655	TF1
IBM Print Transform from AFP to Accessible PDF feature for Infoprint Server for z/OS, V1.2.1	5655	TF1

For ordering the Print Transform from AFP to Accessible PDF feature, see the [Ordering information](#) section within this announcement.

For ordering information on the base program, Print Transform from AFP to PDF for Infoprint Server for z/OS, V1.2.1 (Print Transform AFPxPDF, 5655-TF1), or any of the other two Print Transform products, see Software Announcement [217-046](#), dated February 21, 2017.

Flat Workload License Charge (FWLC)

Workload license charge (WLC) basic license

Flat workload license charge

Basic license monthly license charge

Print Transform from AFP to PDF for Infoprint Server for z/OS, V1.2.1 and AFP to Accessible feature (5655-TF1)

The orderable supply IDs are available in US English only.

Entitlement identifier	Orderable supply ID	Distribution medium	Description	License option/ Pricing metric
S016NX4	S016NX5	3590 Tape	Print Transform AFPxPDF	Basic MLC, Flat WLC
S01880D	S01880F	3590 Tape	Accessible PDF feature	Basic MLC, Flat WLC

Unlicensed documentation

The following publications are supplied automatically with the basic machine-readable material:

Program Directories

Title	Form number
IBM Print Transform from AFP to PDF for Infoprint Server for z/OS Program Directory	GI11-9844

Licensed Program Specifications

Title	Form number
IBM Print Transform from AFP to PDF for Infoprint Server for z/OS Licensed Program Specifications	G325-2636

Subsequent updates (technical newsletters or revisions between releases) to the publications shipped with the product will be distributed to the user of record for as long as a license for this software remains in effect. A separate publication order or subscription is not needed.

Customized offerings

Product deliverables are shipped only through CBPDO and ServerPac. These customized offerings are offered for internet delivery from Shopz. Internet delivery reduces software delivery time and allows you to install software without the need to handle tapes. For more details on internet delivery, go to the Help section on the [Shopz](#) website.

You choose the delivery method when you order the software. IBM recommends internet delivery. In addition to internet and DVD, the supported tape delivery options include:

- 3590
- 3592

Most products can be ordered in ServerPac the month following their availability in CBPDO. z/OS can be ordered through CBPDO and ServerPac at general availability. Many products will also be orderable in a Product ServerPac without also having to order the z/OS operating system or subsystem.

Shopz and CFSW will determine the eligibility based on product requisite checking. For more details on the product ServerPac, go to the Help section on the [Shopz](#) website.

For additional information on the Product ServerPac option, see Software Announcement [212-272](#), dated July 31, 2012.

Production of software product orders will begin on the planned general availability date.

- CBPDO shipments will begin one week after general availability.
- ServerPac shipments will begin two weeks after general availability.

Terms and conditions

The terms for Print Transform from AFP products for Infoprint Server for z/OS, V1.2.1, as previously announced in Software Announcement [211-078](#), dated March 22, 2011, licensed under the IBM Customer Agreement are unaffected by this announcement except as noted below:

Licensed program materials availability

- Restricted Materials of IBM: Some

- Non-Restricted Source Materials: Some
- Object Code Only (OCO): Some
- Availability date: October 27, 2017

Statement of good security practices

IT system security involves protecting systems and information through prevention, detection, and response to improper access from within and outside your enterprise. Improper access can result in information being altered, destroyed, or misappropriated or can result in misuse of your systems to attack others. Without a comprehensive approach to security, no IT system or product should be considered completely secure and no single product or security measure can be completely effective in preventing improper access. IBM systems and products are designed to be part of a lawful, comprehensive security approach, which will necessarily involve additional operational procedures, and may require other systems, products, or services to be most effective.

Important: IBM does not warrant that any systems, products, or services are immune from, or will make your enterprise immune from, the malicious or illegal conduct of any party.

Prices

For additional information and current prices, contact your local IBM representative or IBM Business Partner.

The charges for Print Transform from AFP to PDF for Infoprint Server for z/OS, V1.2.1 are unaffected by this announcement. The Print Transform from AFP to Accessible PDF feature for z/OS, V1.2.1 is an optional, priced feature with the same licensing terms as the Print Transform from AFP to PDF.

For additional product information, see Software Announcements [217-046](#), dated February 21, 2017, and [211-078](#), dated March 22, 2011.

IBM Global Financing

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Phone: 800-IBM-CALL (426-2255)

Fax: 800-2IBM-FAX (242-6329)

For IBM representative: askibm@ca.ibm.com

For IBM Business Partner: pwcs@us.ibm.com

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The IBM Digital Sales Center, our national direct marketing organization, can add your name to the mailing list for catalogs of IBM products.

Note: Shipments will begin after the planned availability date.

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