

# IBM IMS Tools Base for z/OS 1.7 is enhanced with a web browser interface to many IMS and IMS Tools functions

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## At a glance

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IBM<sup>®</sup> IMS Tools Base for z/OS<sup>®</sup> is a no-charge product that provides common infrastructure and components for many IBM IMS Tools, including autonomies for recurring database monitoring, alerting, and maintenance tasks.

Version 1.7 of IMS Tools Base for z/OS has been enhanced to include a new component, IMS Administration Foundation for z/OS, which offers a Zowe<sup>™</sup>-based web browser interface to many IMS and IMS Tools functions.

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## Overview

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IMS Tools Base for z/OS 1.7 (5655-V93) is a no-charge product that provides common infrastructure and components for many IBM IMS Tools offerings. IMS Tools Base for z/OS consists of various components that support key strategic architectures, technologies, and services utilized by IMS Tools.

Version 1.7 of IMS Tools Base has been enhanced to include a new component, IMS Administration Foundation for z/OS, which provides a graphical user interface to many IMS and IBM IMS Tools functions without the need to install software on users' laptops or desktops. Running in a web browser as a Zowe Virtual Desktop application and integrated with the IBM Unified Experience for z/OS used by IBM Db2<sup>®</sup> Administration Foundation for z/OS and IBM Db2 DevOps Experience for z/OS, the web user interface offers a single interface for database administrators (DBA) and system programmers that support both IMS and IBM Db2.

The following IMS functions are included in IMS Administration Foundation:

- Discovering and registering IMS systems to the web UI
- Finding and viewing status and details about IMS systems and components, including IMS Connect instances, IMSplexes, data sharing groups, DBDs, and PSBs
- Issuing SQL
- Issuing IMS type-1 and type-2 commands

Installations with IBM IMS Library Integrity Utilities for z/OS or an IBM IMS Solution Pack containing it can also view DBD and PSB maps and source files. The PTF for APAR PH47086 is required.

Installations with one or more of the following IMS Solution Packs can see databases with exceptions, including flexible and detailed reporting on database sensors and autonomies:

- IMS Database Solution Pack for z/OS
- IMS Database Utility Solution for z/OS
- IMS Fast Path Solution Pack for z/OS

Installations with IMS Recovery Solution Pack for z/OS can see databases with exceptions related to backup status and recovery readiness of the RECON-registered databases.

IMS Administration Foundation for z/OS offers both new and experienced IMS DBAs and system programmers a more intuitive interface for viewing and understanding their IMS environment. By automatically discovering details about the IMS environment, offering direct links to relevant IBM documentation, and providing a graphical view of current and historical database status and exceptions, this web UI can quickly become the dashboard for IMS administrators. Its integration with IBM Db2 Administration Foundation enables DBAs that support both IMS and Db2 to use a single web browser interface to both subsystems.

Integrating with your z/OS security solution, IMS Administration Foundation uses the TSO credentials of each logged-in user to perform tasks, ensuring access to IMS functions, such as SQL and IMS commands, is authorized.

As a component of IMS Tools Base for z/OS 1.7, IMS Administration Foundation is available at no charge to all IMS clients. Enhanced functionality, such as DBD and PSB mapping and visualization of databases with exceptions and the associated reports, is available to clients who have investment in IMS Tools.

**Note:** The IMS Batch Terminal Simulator (BTS) Resource Adapter has been removed from IMS Tools Base for z/OS 1.7. Support for the BTS Resource Adapter will continue in version 1.6 of IMS Tools Base for z/OS as long as version 1.6 is supported.

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## Key requirements

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IMS Tools Base for z/OS operates on any IBM Z<sup>(R)</sup> hardware configuration that supports the required software. See the [Hardware requirements](#) and [Software requirements](#) sections for details.

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## Planned availability date

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July 29, 2022

Availability within a country is subject to local legal requirements.

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## Program number

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Program number	VRM	Program name
5655-V93	1.7.0	IBM IMS Tools Base for z/OS
5655-V94	1.1.0	IBM IMS Tools Base for z/OS Subscription & Support
Program PID number	Subscription and Support PID number	
5655-V93	5655-V94	

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## Offering Information

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Product information is available on the [IBM Offering Information](#) website.

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## Publications

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The following publications are shipped with IBM IMS Tools Base for z/OS 1.7 (5655-V93):

Title	Order number
IBM IMS Tools Base for z/OS- Program Directory	GI10-8819
IBM IMS Tools Base for z/OS- License Information CD ROM	LC27-9010

The following publications for the products in this announcement cannot be ordered in hard copy. These publications are available on July 29, 2022, on the [IMS Tools Product Documentation](#) website.

Title	Order number
IBM IMS Tools Base for z/OS- License Information	GC19-2899
IBM IMS Tools Base for z/OS- Configuration Guide	SC27-9852
IBM IMS Tools Base for z/OS- IMS Tools Common Services User's Guide and Reference	SC27-9857
IBM IMS Tools Base for z/OS- IMS Tools Knowledge Base User's Guide and Reference	SC27-9855
IBM IMS Tools Base for z/OS- IMS Hardware Data Compression Extended User's Guide and Reference	SC27-9858
IBM IMS Tools Base for z/OS- Policy Services User's Guide and Reference	SC27-9854
IBM IMS Tools Base for z/OS- Distributed Access Infrastructure User's Guide and Reference	SC27-9856
IBM IMS Tools Base for z/OS- Autonomics Director User's Guide and Reference	SC27-9853
IBM Unified Management Server User Guide for IMS Administration Foundation	SC27-9151

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## Services

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### IBM Systems Lab Services

Systems Lab Services offers infrastructure services to help build hybrid cloud and enterprise IT solutions. From servers to storage systems and software, Systems Lab Services can help deploy the building blocks of a next-generation IT infrastructure to empower a client's business. Systems Lab Services consultants can perform infrastructure services for clients online or onsite, offering deep technical expertise, valuable tools, and successful methodologies. Systems Lab Services is designed to help clients solve business challenges, gain new skills, and apply best practices.

Systems Lab Services offers a wide range of infrastructure services for IBM Power<sup>®</sup> servers, IBM Storage systems, IBM Z, and IBM LinuxONE. Systems Lab Services has a global presence and can deploy experienced consultants online or onsite around the world.

For assistance, contact Systems Lab Services at [ibmsls@us.ibm.com](mailto:ibmsls@us.ibm.com).

To learn more, see the [IBM Systems Lab Services](#) website.

## **IBM Consulting™**

As transformation continues across every industry, businesses need a single partner to map their enterprise-wide business strategy and technology infrastructure. IBM Consulting is the business partner to help accelerate change across an organization. IBM specialists can help businesses succeed through finding collaborative ways of working that forge connections across people, technologies, and partner ecosystems. IBM Consulting brings together the business expertise and an ecosystem of technologies that help solve some of the biggest problems faced by organizations. With methods that get results faster, an integrated approach that is grounded in an open and flexible hybrid cloud architecture, and incorporating technology from IBM Research<sup>(R)</sup> and IBM Watson<sup>(R)</sup> AI, IBM Consulting enables businesses to lead change with confidence and deliver continuous improvement across a business and its bottom line.

For additional information, see the [IBM Consulting](#) website.

## **IBM Technology Support Services (TSS)**

Get preventive maintenance, onsite and remote support, and gain actionable insights into critical business applications and IT systems. Speed developer innovation with support for over 240 open-source packages. Leverage powerful IBM analytics and AI-enabled tools to enable client teams to manage IT problems before they become emergencies.

TSS offers extensive IT maintenance and support services that cover more than one niche of a client's environment. TSS covers products from IBM and OEMs, including servers, storage, network, appliances, and software, to help clients ensure high availability across their data center and hybrid cloud environment.

For details on available services, see the [Technology support for hybrid cloud environments](#) website.

## **IBM Expert Labs**

Expert Labs can help clients accelerate their projects and optimize value by leveraging their deep technical skills and knowledge. With more than 20 years of industry experience, these specialists know how to overcome the biggest challenges to deliver business results that can have an immediate impact.

Expert Labs' deep alignment with IBM product development allows for a strategic advantage as they are often the first in line to get access to new products, features, and early visibility into roadmaps. This connection with the development enables them to deliver First of a Kind implementations to address unique needs or expand a client's business with a flexible approach that works best for their organization.

For additional information, see the [IBM Expert Labs](#) website.

## **IBM Security<sup>(R)</sup> Expert Labs**

With extensive consultative expertise on IBM Security software solutions, Security Expert Labs helps clients and partners modernize the security of their applications, data, and workforce. With an extensive portfolio of consulting and learning services, Expert Labs provides project-based and premier support service subscriptions.

These services can help clients deploy and integrate IBM Security software, extend their team resources, and help guide and accelerate successful hybrid cloud solutions, including critical strategies such as zero trust. Remote and on-premises software deployment assistance is available for IBM Cloud Pak<sup>(R)</sup> for Security, IBM Security QRadar<sup>(R)</sup>/QRoC, IBM Security SOAR/Resilient<sup>(R)</sup>, IBM i2<sup>(R)</sup>, IBM Security Verify, IBM Security Guardium<sup>(R)</sup>, and IBM Security MaaS360<sup>(R)</sup>.

For more information, contact Security Expert Labs at [sel@us.ibm.com](mailto:sel@us.ibm.com).

For additional information, see the [IBM Security Expert Labs](#) website.

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## Technical information

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### Specified operating environment

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#### Hardware requirements

IMS Tools Base for z/OS 1.7.0 operates on any hardware configuration that supports the required software.

#### Software requirements

The following are required for IMS Tools Base for z/OS 1.7 as long as these versions remain available and supported by IBM:

- IBM z/OS V2.3 (5650-ZOS), or later.
- One of the following:
  - IBM IMS 15.1, or later (5635-A06)
  - IBM IMS Database Value Unit Edition 15.1, or later (5655-DS5)
  - IBM IMS Transaction Manager Value Unit Edition 15.1 (5655-TM4)

The following additional software is required for the IMS Administration Foundation component of IMS Tools Base 1.7:

- z/OSMF
- The following components of IMS:
  - IMS Common Services Layer (CSL) on each IMS subsystem
  - At least one IMS Operations Manager (OM) in the CSL IMSplex
  - Dynamic Resource Definition (DRD) for IMS resource management, using the resource definition data set (RDDS), the IMSRSC repository, or both
  - At least one IMS Connect server instance that is configured with a port for IMS commands
  - For the SQL processor feature:
    - An IMS catalog for each data sharing group in the IMSplex.
    - At least one IMS Connect server instance that is connected to the IMSplex.
    - At least one Open Database Manager (ODBM) server instance for each data sharing group in the IMSplex. The ODBM must be reachable from an IMS Connect in the IMSplex.
- IBM Developer Kit for Java™ for z/OS (64-bit) 8, or later (5655-DGH)
- IBM Unified Management Server for z/OS 1.1 (5698-UM1) with the fix for APAR PH47708
- One of the following:
  - IBM Z Distribution for Zowe 1.0 (5698-ZWE) with the fixes for APARs IO28420 and IO28421
  - Zowe 1.26 from the Open Mainframe Project™. For more information, go to [The Linux<sup>®</sup> Foundation Projects](#) website.
    - IBM SDK for Node.js -z/OS, 12.0.x (5655-NJS) or 14.0.x (5655-NOD). Note, this is not required for clients choosing to install the IBM Z Distribution of Zowe.

#### IBM Support

[IBM Support](#) is your gateway to technical support tools and resources that are designed to help you save time and simplify support. IBM Support can help you find answers to questions, download fixes, troubleshoot, submit and track problem cases, and build skills. Learn and stay informed about the transformation of IBM Support, including new tools, new processes, and new capabilities, by going to the [IBM Support Insider](#).

## ***Additional IBM support***

### **IBM Client Engineering for Systems**

Client Engineering for Systems is a framework for accelerating digital transformation. It helps you generate innovative ideas and equips you with the practices, technologies, and expertise to turn those ideas into business value in weeks. When you work with Client Engineering for Systems, you bring pain points into focus. You empower your team to take manageable risks, adopt leading technologies, speed up solution development, and measure the value of everything you do. Client Engineering for Systems has experts and services to address a broad array of use cases, including capabilities for business transformation, hybrid cloud, analytics and AI, infrastructure systems, security, and more. Contact Client Engineering for Systems at [sysgarage@ibm.com](mailto:sysgarage@ibm.com).

### **Planning information**

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#### ***Packaging***

The programs in this announcement are distributed with the following content:

- Basic machine-readable material
- Program Directory
- IBM International Program License Agreement (IPLA)
- IBM Agreement for Acquisition of Software Maintenance (IAASM)

### **Direct client support**

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For technical support or assistance, contact your IBM representative or go to the [IBM Support](#) website.

### **Security, auditability, and control**

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The announced program uses the security and auditability features of the host operating system software.

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

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## **Ordering information**

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### **Charge metric**

<b>Program name</b>	<b>PID number</b>	<b>Charge metric</b>
IBM IMS Tools Base for z/OS	5655-V93	No charge, Unlimited Install(s)

### **Basic license**

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To order, specify the program product number and the appropriate license or charge option. Also, specify the desired distribution medium. To suppress shipment of media, select the license-only option in CFSW.

Program name: IBM IMS Tools Base for z/OS, 1.7.0

Program number: 5655-V93

Entitlement identifier	Description	License option/Pricing metric
S015TXP	IMS Tools Base for z/OS	MultiVersion Measurement No charge, unlimited installs

Orderable supply ID	Description	Language
S015TXN	IBM Tools Base for z/OS	English US
S016WZD	Tools Base for z/OS	English US

#### Subscription and Support PID: 5655-V94

Entitlement identifier	Description	License option/Pricing metric
S015TXR	IBM Tools Base for z/OS Subscription and Support	MultiVersion Measurement S&S No charge, unlimited installs

SW S&S registration, no charge

Orderable supply ID	Description	Language
S015TXT	IBM Tools Base for z/OS Subscription and Support	English US

The product in this announcement is eligible for On/Off Capacity on Demand (CoD) with a temporary use charge calculated based on MSUs per-day usage.

#### Customized Offerings

Product deliverables are shipped only through CBPDO and ServerPac. These customized offerings are offered for internet delivery. For more details on Internet delivery, go to the Help section on the [Shopz](#) website.

IBM recommends internet delivery. However, if you still require physical media, you can choose DVD.

Many products can be ordered in ServerPac the month following their availability in CBPDO. z/OS can be ordered through CBPDO and ServerPac on the planned availability date. Many products will also be orderable in a 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 ServerPac, go to the Help section on the [Shopz](#) website.

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

- CBPDO shipments will begin within 3 business days after the planned availability date.
- ServerPac availability and shipments will begin within 3 - 4 weeks after the planned product availability date due to additional customization and data input verification.

#### Terms and conditions

The information provided in this announcement letter is for reference and convenience purposes only. The terms and conditions that govern any transaction with IBM are contained in the applicable contract documents such as the IBM International Program License Agreement, IBM International Passport Advantage<sup>(R)</sup> Agreement, and the IBM Agreement for Acquisition of Software Maintenance.

#### Licensing

IBM International Program License Agreement including the License Information document and Proof of Entitlement (PoE) govern your use of the program. PoEs are required for all authorized use.

## Software Maintenance

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The following agreement applies for Software Subscription and Support Software Maintenance):

- IBM Agreement for Acquisition of Software Maintenance (JNTC-6011)
- IBM Agreement for Acquisition of Software Maintenance (IAAS305 or others)
- Exhibit for IBM Agreement for Acquisition of Software Maintenance (IAAS400)

This program is licensed under the IBM International Program License Agreement (IPLA) and the associated Agreement for Acquisition of Software Maintenance, which provide for support with ongoing access to releases and versions of the program. These programs have a one-time license charge for use of the program and an annual renewable charge for the enhanced support that includes telephone assistance (voice support for defects during normal business hours), as well as access to updates, releases, and versions of the program as long as support is in effect.

## License Information number

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The following License Information document applies to the offering in this announcement:

Program identifier	License Information document title	License Information document number
5655-V93	IBM IMS Tools Base for z/OS	<a href="#">L-AADS-CFDPFE</a>

Follow-on releases, if any, may have updated terms. See the [License Information documents](#) website for more information.

## Limited warranty applies

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Yes

## Limited warranty

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IBM warrants that when the program is used in the specified operating environment, it will conform to its specifications. The warranty applies only to the unmodified portion of the program. IBM does not warrant uninterrupted or error-free operation of the program or that IBM will correct all program defects. You are responsible for the results obtained from the use of the program.

IBM provides you with access to IBM databases containing information about known program defects, defect corrections, restrictions, and bypasses at no additional charge. For further information, see the [IBM Support Guide](#).

IBM will maintain this information for at least one year after the original licensee acquires the program (warranty period).

## Program technical support

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### Standard support

Technical support of a program product version or release will be available for a minimum of three years from the planned availability date, as long as your Software Subscription and Support is in effect.

This technical support allows you to obtain assistance (by telephone or electronic means) from IBM for product-specific, task-oriented questions regarding the installation and operation of the program product. Software Subscription and Support also provides you with access to updates (modifications or fixes), releases,

and versions of the program. You will be notified, through an announcement letter, of discontinuance of support with 12 months' notice.

If you require additional technical support from IBM, including an extension of support beyond the discontinuance date, contact your IBM representative. This extension may be available for a fee.

For additional information about the IBM Software Support Lifecycle Policies, see the [Standard and enhanced IBM support lifecycle policies](#) website.

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### **Money-back guarantee**

If for any reason you are dissatisfied with the program and you are the original licensee, you may obtain a refund of the amount you paid for it, if within 30 days of your invoice date you return the program and its PoE to the party from whom you obtained it. If you downloaded the program, you may contact the party from whom you acquired it for instructions on how to obtain the refund.

For clarification, note that for programs acquired under any of IBM's On/Off Capacity on Demand (On/Off CoD) software offerings, this term does not apply since these offerings apply to programs already acquired and in use by you.

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### **Volume orders (IVO)**

No

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### **Passport Advantage applies**

No

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### **Software Subscription and Support applies**

Yes. During the Software Subscription and Support period, for the unmodified portion of a program, and to the extent problems can be recreated in the specified operating environment, IBM will provide the following:

- Defect correction information, a restriction, or a bypass.
- Program updates: Periodic releases of collections of code corrections, fixes, functional enhancements and new versions and releases to the program and documentation.
- Technical assistance: A reasonable amount of remote assistance by telephone or electronically to address suspected program defects. Technical assistance is available from the IBM support center in the organization's geography.

Additional details regarding Technical Assistance, which includes IBM contact information, are provided in the [IBM Support Guide](#).

Software Subscription and Support does not include assistance for:

- The design and development of applications.
- Your use of programs in other than their specified operating environment.
- Failures caused by products for which IBM is not responsible under the IBM Agreement for Acquisition of Software Maintenance.

Software Subscription and Support is provided only if the program is within its support timeframe as specified in the Software Support Lifecycle policy for the program.

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### **Variable charges apply**

No

## Educational allowance available

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Not applicable.

## Multi-Version Measurement

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Multi-Version Measurement (MVM) replaces the previously announced Migration Grace Period time limit of six months and allows unlimited time for clients to run more than one eligible version of a software program. Clients may run multiple versions of a program simultaneously for an unlimited duration during a program version upgrade. Clients may also choose to run multiple versions of a program simultaneously for an unlimited duration in a production environment. MVM does not extend support dates for programs withdrawn from service.

For a list of eligible programs, see the [IPLA Execution-Based](#) web page.

## On/Off CoD

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To be eligible for On/Off CoD pricing, you must be enabled for temporary capacity on the corresponding hardware, and the required contract, Attachment for IBM System z On/Off Capacity on Demand (JNTC-7883), must be signed prior to use.

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## Statement of good security practices

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IT system security involves protecting systems and information through intrusion 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 regulatory compliant, 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.

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## Prices

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For all local charges, contact your IBM representative.

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