IBM Enterprise COBOL Developer Trial for z/OS, V6.3 delivers additional performance, functional, and modernization features to COBOL

Table of contents

At a glance

The COBOL compiler supports the latest IBM^(R) z/Architecture^(R) to:

- Maximize hardware utilization.
- Reduce CPU usage.
- Improve performance of critical applications.

The Enterprise COBOL compiler helps your existing COBOL applications work with modern infrastructure technologies for mobile, web, and cloud deployments with native support for

- JSON
- XML
- Java™

Enterprise COBOL Developer Trial for z/OS^(R), V6.3 offering also supports the following features and enhancements:

- Improved efficiency in processing of UTF-8 data by supporting the UTF-8 data type
- Support for creating 64-bit (AMODE 64) batch applications
- Compiler and runtime support for the IBM z/OS V2.4 operating system so applications can take advantage of the latest operating system features and capabilities
- Support for the latest middleware that include
  - IBM CICS^(R)
  - IBM Db2^(R)
  - IBM IMS
- Numerous additional features and enhancements

Overview

Enterprise COBOL for z/OS, a leading-edge, z/OS-based compiler, helps you create and maintain mission-critical and line-of-business COBOL applications to execute on

your z/OS systems. Enterprise COBOL for z/OS gives you access to CICS, Db2, IMS, and other transactional and data systems.

Enterprise COBOL Developer Trial for z/OS, V6.3 is a no-charge evaluation edition of Enterprise COBOL for z/OS. The trial enables you to evaluate the capabilities of the latest IBM COBOL, in a nonproduction environment, without the prerequisite time and resource commitments that are required for a full-production migration project to Enterprise COBOL for z/OS, V6.3.

- Contains the full set of Enterprise COBOL for z/OS, V6.3 compiler features and functions. This includes:
  - Support for z/OS V2.4
  - Improved UTF-8 data
  - Support for creating 64-bit (AMODE 64) batch applications
  - Additional features from the COBOL 2002 and 2014 standard
- Delivered with restricted licensing terms and an expiry date. It is permitted for use only in a nonproduction environment. The period of the trial is 90 days.
- Available from IBM through Shopz as a standard offering. In countries where Shopz is not available, contact your IBM representative (or IBM Business Partner) to handle your order through the traditional IBM ordering process.

Over the course of multiple releases, Enterprise COBOL Developer Trial for z/OS offered new and enhanced functions to provide the tools that were needed to modernize and maintain applications to meet your critical business needs.

The following new and improved features are delivered with Version 6.3:

- Improved efficiency in processing of UTF-8 data by supporting the UTF-8 data type. This enhancement improves efficiency for native language support
- Support for creating 64-bit (AMODE 64) batch applications. 64-bit (AMODE 64) support in this compiler enables users to process large data tables that require up to 2 GB of addressing space
- From the COBOL 2002 and 2014 programming standards, addition of the Dynamic Length elementary items.
- From the COBOL 2002 and 2014 programming standards, support for the FUNCTION keyword specifier in REPOSITORY paragraph to make the use of the keyword FUNCTION optional.
- Compiler and runtime support for the IBM z/OS V2.4 operating system so applications can take advantage of the latest operating system features and capabilities
- A number of additional enhancements

Enterprise COBOL Developer Trial for z/OS, V6.3 continues the IBM commitment to the COBOL programming language on IBM Z[(R)] through investment in new compiler technology and the continued delivery of new features. With Enterprise COBOL Developer Trial for z/OS, V6.3, you gain the benefit of new investment that is combined with more than 50 years of IBM experience in compiler development.

Key requirements

Enterprise COBOL Developer Trial for z/OS, V6.3 requires z/OS V2.2 (5650-ZOS) or later.

Note: To run 64 bit applications, z/OS V2.3 (5650-ZOS) or later, is required.

For additional details, see the Software requirements section.

Planned availability date

Description

Enterprise COBOL Developer Trial for z/OS, V6.3, to evaluate the IBM compiler

Enterprise COBOL Developer Trial for z/OS is a fully functional program that can be used to conduct Proof of Technology evaluations that cover the full set of Enterprise COBOL for z/OS, V6.3 capabilities.

Enterprise COBOL Developer Trial for z/OS is to be used for internal evaluation, testing, or demonstration purposes. It is not allowed for production purposes. Use of the trial compiler to develop production applications is not allowed. The license provides for a 90-day trial period. The trial is provided without formal program support. Your comments and inquiries can be submitted through normal service channels by using the Enterprise COBOL Developer Trial product ID and your customer number.

Note: This Developer Trial is provided under the International License Agreement for Evaluation of Programs.

Enterprise COBOL Developer Trial for z/OS, V6.3

Enterprise COBOL Developer Trial for z/OS, V6.3 incorporates code generation and optimization technology to maximize hardware utilization, and help improve application performance. Version 6.3 delivers:

- Improved processing of UTF-8 data by supporting the USAGE UTF-8 data type
- Support for creating 64-bit (AMODE 64) batch applications
- Compiler and runtime support for the IBM z/OS V2.4 operating system so applications can take advantage of the latest operating system features and capabilities
- Support for the latest middleware, which includes:
  - CICS
  - Db2
  - IMS
- Numerous additional features and enhancements

With Enterprise COBOL for z/OS, V6.3 a number of new features are delivered. For more information on the functions of Enterprise COBOL for z/OS, V6.3, see Software Announcement 219-404, dated September 3, 2019.

Section 508 of the US Rehabilitation Act

Enterprise COBOL Developer Trial for z/OS, V6.3 is capable as of September 6, 2019, 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 Accessibility Conformance Statement can be requested on the Product accessibility information website.

Product positioning

Enterprise COBOL is a premier, enterprise-class COBOL compiler for the IBM z/OS system. It is a proven and reliable program that delivers innovation for modernizing business-critical applications and programming features to increase programmer

productivity, and bolster the overall benefits of transactional and data systems, such as CICS, IMS, and Db2.

IBM Z hardware becomes increasingly complex. Enterprise COBOL for z/OS and its companion Enterprise COBOL Value Unit Edition for z/OS and Enterprise COBOL Developer Trial for z/OS deliver advanced compiler support to enable you to fully benefit from hardware advancements. With the introduction of the ARCH and enhanced OPTIMIZE compiler options, the Enterprise COBOL for z/OS compiler can now

- Unleash the full power of IBM processors that are delivered in the various models of IBM Z hardware.
- COBOL programmers no longer need a deep understanding of z/Architecture to exploit leading-edge performance of new IBM Z hardware.
- Developers only need to focus on the logic of the applications and let the compiler determine the best way to transform and optimize the code generation for the IBM Z hardware on which the application will run.

With Enterprise COBOL for z/OS, you increase the return on your hardware and middleware investments. With the implementation of advanced code generation and optimization technology, Enterprise COBOL for z/OS establishes a foundation for delivery of additional optimization features and exploitation of future z/Architecture.

With its enhanced capabilities, simplified programming, and increased programmer productivity, you can continue to use Enterprise COBOL for z/OS to modernize existing business-critical applications. Modernization enables the reuse of your proven business logic.

- Deliver new enhancements more quickly, with less cost and lower risk.
- Add modern GUIs to business-critical COBOL applications or extend them to work with web, cloud, or mobile infrastructures.
- Because it is built on proven applications, there is no need for you to write from scratch.

With the investment in new compiler technology and the continued delivery of new features, many of them client-requested, Enterprise COBOL for z/OS, V6.3 reaffirms the IBM commitment to COBOL on z/OS. You gain the benefit of new investment combined with more than 50 years of IBM experience in compiler development.

Program number

Program number	VRM	Program name
5655-TY6	6.3.0	Enterprise COBOL Developer Trial for z/OS
5655-BUY	1.1.0	Enterprise COBOL Developer Trial for z/OS S&S

Program PID number	Subscription and Support PID number
5655-TY6	5655-BUY

Offering Information

Product information is available on the IBM Offering Information website.

Business Partner information

If you are a Direct Reseller - System Reseller acquiring products from IBM, you may link directly to BP Attachment for Announcement Letter 219-402 for this announcement. A PartnerWorld ID and password are required (use IBMid).

Publications

Hardcopy publications that are available with the program

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

- License Information, which are provided on DVD (LC27-8709-02)
- Program Directory (GI13-4527-02)

Softcopy publications that are available from Information Centers

Links to PDF and XHTML versions of the Enterprise COBOL for z/OS, V6.3 documentation (equivalent to Enterprise COBOL Developer Trial for z/OS, V6.3) are available at the Information Center.

Hardcopy publications that are available from the Publications Center

The following publications can be ordered from the IBM Publications Center portal after planned availability. To order, use the Publications Center or contact your IBM representative.

Title	Order number
License Agreement / License Information	LC27-8709-02
Program Directory	GI13-4527-02

The Publications Center is a worldwide central repository for IBM product publications and marketing material with a catalog of 70,000 items. Extensive search facilities are provided. A large number of publications are available online in various file formats, and they can all be downloaded by all countries.

Services

Software Services

IBM Software Services has the breadth, depth, and reach to manage your services needs. You can leverage the deep technical skills of the lab-based software services team and the business consulting, project management, and infrastructure expertise of the IBM Global Services team. Also, IBM extends the reach of IBM Software Services through IBM Business Partners to provide an extensive portfolio of capabilities. IBM provides the global reach, intellectual capital, industry insight, and technology leadership to support a wide range of critical business needs.

To learn more about IBM Software Services, contact your Lab Services Sales or Delivery Leader.

Technical information

Specified operating environment

Hardware requirements

Enterprise COBOL Developer Trial for z/OS, V6.3 runs and generates code that runs on the following IBM Z servers:

- z14
- z14 ZR1
- z13[R]
- z13s[R]
- zEnterprise[R] EC12 (zEC12)

- zEnterprise BC12 (zBC12)
- zEnterprise 196 (z196)
- zEnterprise 114 (z114)
- z10 Enterprise Class (z10 EC)
- z10 Business Class (z10 BC)

Software requirements

Enterprise COBOL Developer Trial for z/OS, V6.3 runs under the control of, or in conjunction with, the currently supported releases of the following programs and their subsequent releases or their equivalents. For more information on the following programs listed that require program temporary fixes (PTFs), see the *Program Directory* and the preventive service planning (PSP) bucket.

- z/OS V2.2 (5650-ZOS), or later, is required.

   Note: To run 64 bit applications z/OS V2.3 (5650-ZOS), or later , is required.

- For installation on z/OS, z/OS SMP/E is required.
- For customization during or after installation, z/OS High Level Assembler is required.
- Enterprise COBOL XML PARSE statements in programs, which are compiled with the XMLPARSE(XMLSS) compiler option, require z/OS XML System Services V2.2 (5650-ZOS), or later.

Optional licensed programs

Depending on the functions used you many require other software products such as CICS, Db2 or IMS. For a list of compatible software see the Software Products Compatibility Reports (SPCR) site. From the SPCR site,

- Click *Create a Report* under in-depth reports.
- Search for Enterprise COBOL for z/OS.
- Choose *Version 6.3.*
- Click *submit.*

Companion products

The following products can be purchased with this product:
- IBM Automatic Binary Optimizer for z/OS
- COBOL Report Writer
- IBM Application Delivery Foundation for z/OS
- IBM Fault Analyzer for z/OS
- IBM File Manager for z/OS
- IBM Developer for z/OS
- IBM Debug for z/OS
- IBM Dependency Based Build for z/OS
- IBM Application Performance Analyzer for z/OS
- IBM Z Open Development for z/OS
- IBM Z Open Unit Test for z/OS
- IBM Application Discovery and Delivery Intelligence for IBM Z

IBM Automatic Binary Optimizer for z/OS (5697-AB2)

Automatic Binary Optimizer for z/OS optimizes previously compiled COBOL program modules to increase application performance and reduce CPU usage without source recompilation. It performs high-fidelity optimizations and generates code that fully

exploits the z/Architecture without changing program logic or behavior. Automatic Binary Optimizer for z/OS, in conjunction with Enterprise COBOL for z/OS, also helps to reduce the scope of migration.

COBOL Report Writer (5798-DYR, 5798-DZX)

IBM COBOL Report Writer is an add-on program that runs alongside the IBM COBOL compiler. This add-on program defines and produces all the listings, reports, and displayed summaries that would normally be required in a COBOL application. Now users can significantly reduce the time and effort required to code and test a COBOL program with printed output.

IBM Z DevOps Tools

IBM Z DevOps tools helps application developers create, maintain and perform problem analysis on applications created using the Enterprise COBOL for z/OS compiler.

IBM Application Delivery Foundation for z/OS (ADFz) (5655-AC6) consists of multiple development tools that can be obtained as part of the offering or individually:

- **IBM Fault Analyzer for z/OS (5655-Q41)** is designed to improve developer productivity and decrease deployment costs by helping to analyze and correct application failures quickly.
- **IBM File Manager for z/OS (5655-Q42)** enables users to manipulate production, test, and development data in a variety of data stores, including Db2, IMS, CICS, MQ, data sets, and HFS files.
- **IBM Developer for z/OS (5724-T07)** , which can be licensed separately or as part of IBM Developer for z/OS Systems Enterprise Edition, offers a modern toolset for developing and maintaining z/OS applications by using DevOps.
- **IBM Debug for z/OS (5655-Q50)** is available as a stand-alone product or part of IBM Developer for z/OS Systems Enterprise Edition. This debugging solution for z/OS application developers is accessible by both a 3270 and an Eclipse GUI interface.
- **IBM Dependency Based Build for z/OS (5737-K80)** provides z/OS software development teams with a build tool kit that is designed to build applications for Git, and analyze the dependencies that are required to build only what is needed. Dependency Based Build also includes Groovy for automation, which helps integrate mainframe processes with open source so that users can connect those mainframe processes to an enterprise-wide CI/CD by using open source tools such as Jenkins.
- **IBM Application Performance Analyzer for z/OS (5655-Q49)** identifies z/OS application performance and response time problems and assists in reducing resource consumption. It is highly customizable, providing a performance view of an application and the statements that are creating performance degradation. Application Performance Analyzer for z/OS is accessible by both a 3270 interface and an Eclipse GUI interface.

IBM Z Open Development for z/OS (5737-I22) is an ecosystem of capabilities that includes editors and a debugger built around Dependency Based Build, enabling developers to benefit from a modern SCM such as Git, standardizing on true parallel development across the enterprise.

IBM Z Open Unit Test for z/OS (5737-J31) includes IBM Z Unit, a powerful automated unit testing capability for batch and CICS applications. IBM Z Open Unit Test works in concert with IBM Z Open Development to drive quicker development and test cycles for consistently high software quality.

IBM Application Discovery and Delivery Intelligence for IBM Z (5737-B66)

Application Discovery and Delivery Intelligence for IBM Z helps discover business rules that are embedded in the logic of web, online, and batch mainframe applications so that they can be identified, validated, and transformed. These

business rules can implement critical business decisions, but they can be difficult to find in applications that have been maintained over many years.

Application Discovery and Delivery Intelligence for IBM Z provides the capability to:

- Leverage static code analysis to discover business terms in COBOL applications
- Identify the key variables in COBOL applications that are most likely to be business terms and associate selected variables with business terms

The IBM Support Community

The IBM Support Community is your gateway to technical support tools and resources that are designed to help you save time and simplify support. Support Community tools can help you find answers to questions, download fixes, troubleshoot, automate data collection, submit and track problems, and build skills.

You can also access the Service requests and PMRs tool for more support.

Planning information

Packaging

Packaging Information

The Enterprise COBOL Developer Trial for z/OS, V6.3 (5697-V61) package includes:

- Basic machine-readable material on the client-selected distribution medium
- Enterprise COBOL Value Unit Edition for z/OS Program Directory (GI13-4529-02)
- License document CD that contains agreements and license information (LC27-8710-02)

This program, when downloaded from a website, contains the applicable IBM license agreement and License Information, if appropriate, which will be presented for acceptance at the time of installation of the program. For future reference, the license and License Information will be stored in a directory such as LICENSE.TXT.

Security, auditability, and control

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.

Ordering information

Consult your IBM representative.

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). For more details and availability, go to the Shopz website.

Enterprise COBOL Developer Trial for z/OS, V6 (5655-TY6)

Entitlement Identifier	Description	License Option/Pricing Metric
S017Z7N	IBM Enterprise COBOL Developer Trial for z/OS, V6.3	No Charge, Unlimited Installs

Entitlement Identifier	Description	License Option/Pricing Metric
S017Z7N	IBM Enterprise COBOL Developer Trial for z/OS, V6.3	MultiVersion Measurement, No Charge

Enterprise COBOL Developer Trial for z/OS, S&S (5655-BUY)

Entitlement Identifier	Description	License Option/Pricing Metric
S0179TT	IBM Enterprise COBOL Developer Trial for z/OS, V6.3 S&S V1	No Charge, Unlimited Installs
S0179TT	IBM Enterprise COBOL Developer Trial for z/OS, V6.3 S&S V1	SW S&S Registration, No Charge MultiVersion Measurement, No Charge

Charge metric

Program name	Part number or PID number	Charge metric
Enterprise COBOL Developer Trial for z/OS, V6	5655-TY6	No Charge, Unlimited Installs
Enterprise COBOL Developer Trial for z/OS S&S V1	5655-BUY	No Charge, Unlimited Installs SW S&S Registration No Charge

Basic license

To order, specify the program ID number and the appropriate license or charge option.

E nterprise COBOL Developer Trial for z/OS, V6 (5655-TY6)

Entitlement Identifier	Description	License Option/Pricing Metric
S017Z7N	IBM Enterprise COBOL Developer Trial for z/OS, V6.3	No Charge, Unlimited Installs
S017Z7N	IBM Enterprise COBOL Developer Trial for z/OS, V6.3	MultiVersion Measurement, No Charge

Enterprise COBOL Developer Trial for z/OS, S&S (5655-BUY)

Entitlement Identifier	Description	License Option/Pricing Metric
S0179TT	IBM Enterprise COBOL Developer Trial for z/OS, V6.3 S&S V1	No Charge, Unlimited Installs
S0179TT	IBM Enterprise COBOL Developer Trial for z/OS, V6.3 S&S V1	SW S&S Registration, No Charge MultiVersion Measurement, No Charge

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 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.

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 four weeks after general availability.

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[R] 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.

This software license includes Software Subscription and Support (also referred to as Software Maintenance).

Software Maintenance

The *IBM Agreement for Acquisition of Software Maintenance,* (Z125-6011) applies for Software Subscription and Support (Software Maintenance) and does not require client signatures.

These programs are licensed under the IBM 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. IBM System z[R] Operational Support Services - SoftwareXcel is an option if you desire added services.

License Information number

The license information number is L-JYIP-BEMSCC

See the License Information documents page on the IBM Software License Agreement website for more information.

A License Document DVD (LDCD) is shipped with the program media. The LDCD identifier is LC27-8709-02.

Limited warranty applies

Yes

Limited warranty

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 on 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

Technical support of a program product version or release will be available for a minimum of five years from the general availability date, as long as your Software Subscription and Support (also referred to as Software Maintenance) 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 (Software Maintenance) 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 or IBM Business Partner. This extension may be available for a fee.

For additional information on the IBM Software Support Lifecycle Policy, see the IBM Software Support Lifecycle Policy website.

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.

Volume orders (IVO)

No

Passport Advantage applies

No

Usage restrictions

Yes

See the License Information documents page on the IBM Software License Agreement website for more information.

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.

Yes. All distributed software licenses include Software Subscription and Support (also referred to as Software Maintenance) for a period of 12 months from the date of acquisition, providing a streamlined way to acquire IBM software and assure technical support coverage for all licenses. Extending coverage for a total of three years from date of acquisition may be elected.

While your Software Subscription and Support is in effect, IBM provides you assistance for your routine, short duration installation and usage (how-to) questions, and code-related questions. IBM provides assistance by telephone and, if available, electronic access, only to your information systems (IS) technical support personnel during the normal business hours (published prime shift hours) of your IBM support center. (This assistance is not available to your end users.) IBM provides Severity 1 assistance 24 hours a day, every day of the year. For additional details, go to the IBM Support Handbooks page.

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, or failures caused by products for which IBM is not responsible under this agreement.

IBM Operational Support Services - SoftwareXcel

No

Variable charges apply

No

Educational allowance available

Yes. A 15% education allowance applies to qualified education institution clients.

Multi-Version Measurement

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 more information about MVM, including requirements for qualification, see the MVM web page. For a list of eligible programs, see the IPLA Execution-Based web page.

Sub-capacity terms and conditions

IBM Getting Started Sub-capacity Pricing for z/OS IPLA Software applies.

Sub-capacity utilization determination

Sub-capacity utilization is determined based on the product's own execution as reported to IBM in accordance with the requirements for reporting sub-capacity utilization for products.

Statement of good security practices

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.

Prices

Information on charges is available on the IBM Support Portal website.

Program name: Enterprise COBOL Developer Trial for z/OS, V6.3

Program PID: 5655-TY6

Entitlement identifier	Description	License option/Pricing metric
S017Z7N	Ent COBOL Dev Trial, V6	No charge, Unlimited Installs MultiVersion Measurement No Charge

Subscription and Support PID: 5655-BUY

Entitlement identifier	Description	License option/Pricing metric
S0179TT	Ent COBOL Dev Trial, S&S V1	No charge, Unlimited Installs SW S&S Registration No Charge MultiVersion Measurement S&S No Charge

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Other company, product, and service names may be trademarks or service marks of others.

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For the most current information regarding IBM products, consult your IBM representative or reseller, or go to the IBM worldwide contacts page

IBM United States