

IBM CICS Transaction Gateway for Multiplatforms 9.3 and IBM CICS Transaction Gateway Desktop Edition 9.3 deliver enhanced security and simplified DevOps

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Overview

IBM^(R) CICS^(R) Transaction Gateway (CICS TG) for Multiplatforms 9.3 and IBM CICS TG Desktop Edition 9.3 can provide high-performing, security-rich, and scalable connectivity to CICS Transaction Server family, CICS TX family, and IBM TXSeries^(R) for Multiplatforms. Specifically, CICS TG for Multiplatforms 9.3 and CICS TG Desktop Edition 9.3 deliver new capabilities:

- Containerization
 - Introduction of a container image for CICS TG for Multiplatforms to enable rapid deployment on cloud infrastructure. This new container image is based on Red Hat^(R) Universal Base Image (UBI) and is available on both Linux^(R) on IBM Z^(R) and Linux on IntelTM platforms. It can be deployed on IBM z/OS^(R) Container Extensions (IBM zCX).
- Platform support
 - Ability to operate as a 32-bit or 64-bit address space. CICS TG¹ 9.3 can operate as a 32-bit or 64-bit² address space, enabling organizations to standardize on a 64-bit ecosystem.
 - Support for Linux on Power^(R) Little Endian (LE). This support enables organizations to leverage IBM Power hardware as a choice of deployment.
- Security
 - New APIs to support standardized security solutions using JSON Web Token (JWT) for JavaTM, Java Enterprise Edition Connector Architecture (JCA), MicrosoftTM.NET Framework, and .NET Core client applications.
 - Support for identity propagation with IBM WebSphere^(R) Application Server Liberty. The CICS TG 9.3 resource adapter can be configured with the Java Authentication and Authorization Service (JAAS) login module to provide identity propagation to CICS Transaction Server for z/OS (CICS TS).
- .NET applications
 - Optimal resource utilization and quicker response times using connection pools in .NET Framework and .NET Core. This capability supersedes IBM SupportPac CA77: CICS Transaction Gateway connection pooling for Microsoft.NET, which is no longer required.
 - Support for national language support (NLS)-enabled CICS TG messages in .NET Framework and .NET Core applications.
- High availability and scalability

- CICS TG 9.3 supports high-availability topologies and request validation rules. This capability supersedes IBM SupportPac CA1T: High-availability exits for use with CICS TG, which is no longer required.
- New JCA management contracts
 - The CICS TG 9.3 resource adapter now supports all three management contracts described in the JCA 1.7 specification: LocalTransaction, XATransaction, and NoTransaction.

¹ Where the text describes the joint capabilities of CICS TG for Multiplatforms 9.3 and CICS TG Desktop Edition 9.3, then it is simply referred to as CICS TG 9.3.

² 64-bit support is available on IBM AIX^(R), Linux on IBM Z, Linux on Intel, and Linux on Power LE.

Support for IBM CICS Explorer^(R)

The CICS TG plug-in for CICS Explorer is updated to support CICS Explorer and IBM Explorer for z/OS (z/OS Explorer) Aqua.

Key requirements

CICS TG 9.3 has the following software requirements:

- IBM AIX 7.1, or later
- Linux on IBM Z: Red Hat Enterprise Linux (RHEL) 7³ or RHEL 8³; SUSE Linux Enterprise Server (SLES) 12⁴ or SLES 15
- Linux on Power Big Endian (BE): RHEL 7; SLES 12 (with 64-bit kernel)
- Linux on Power LE: RHEL 8; SLES 15
- Linux on Intel: RHEL 7 or RHEL 8; SLES 12 or SLES 15; Ubuntu 18.04 LTS or Ubuntu 20.04 (with 64-bit kernel, which includes Desktop versions with 64-bit kernel)
- Linux on Intel: RHEL 7 or RHEL 8 compatible environments⁵
- Microsoft WindowsTM 10 Professional and Enterprise Editions
- Microsoft Windows Server 2016 Standard (including Small Business Server), Enterprise, and Datacenter Editions
- Microsoft Windows Server 2019 Standard (including Small Business Server), Enterprise, and Datacenter Editions
- IBM 32-bit Runtime Environment and Java Technology Edition 8.0 (Linux on Power BE, Microsoft Windows)
- Semeru Runtime Open Edition 11.0.13 (AIX, Linux on Intel, Linux on IBM Z, Linux on Power LE)

CICS TG for Multiplatforms container image has the following minimum software requirements:

- Docker runtime 20.10.7 or Podman runtime 3.0.2

³ RHEL 7.7, or later and RHEL 8.1, or later.

⁴ SUSE Linux Enterprise Server 12 SP1, or later.

⁵ RHEL-compatible environments must be compatible with binary and source that is supported by the RHEL releases listed previously.

For further details, see the [Technical information](#) section.

Planned availability date

- April 29, 2022: CICS Transaction Gateway for Multiplatforms 9.3
- April 29, 2022: CICS Transaction Gateway Desktop Edition 9.3

Availability within a country is subject to local legal requirements.

Description

New capabilities of CICS TG 9.3

- Containerization

The CICS TG for Multiplatforms container image enables rapid deployment across cloud platforms of choice. The CICS TG container image supports hybrid cloud topology to enable integration with CICS TS, CICS TX, and TXSeries for Multiplatforms. Containerization also enables simplified integration of Gateway and JEE application servers for local mode topology through a DevOps pipeline.

The CICS TG container offering is available on both Linux on IBM Z and Linux on Intel platforms. The Linux on IBM Z image can be deployed on IBM zCX.

- Platform support

CICS TG 9.3 can operate in a 32-bit or 64-bit address space, enabling organizations to standardize on a 64-bit ecosystem. Users can execute 64-bit CICS TG applications using local mode or remote mode topology through IP Interconnectivity (IPIC), Transmission Control Protocol/Internet Protocol (TCP/IP), or Systems Network Architecture (SNA) protocols.

CICS TG 9.3 enhances the platform coverage by supporting the new Linux on Power LE platform.

CICS TG 9.3 supports only 32-bit mode on Linux on Power BE and Microsoft Windows.

- Security

CICS TG 9.3 provides an ability to design a standard security solution based on JWT. As an open industry standard, JWT provides authorization and authentication as two of its key use cases and benefits. Additional benefits of JWT include self-contained tokens that have built-in expiry mechanisms. It is also widely used in the design of SSO-based authentication solutions.

The ability to design a standard security solution in CICS TG 9.3, using JWT, is achieved in the following ways:

- The CICS TG Gateway daemon extracts a distributed identity from the JWT and propagates it to CICS TS. The mapped RACF^(R) identity can then be used for the authorization of CICS resources. This capability is supported with the IPIC protocol only.
- The CICS TG Gateway daemon extracts the RACF identity from the JWT where it is used for the authorization of CICS resources. This capability is supported with the IPIC protocol and External CICS Interface (EXCI) protocol.

The organization's applications, written in Java, JCA, .NET Framework, and .NET Core, can use CICS TG APIs to set JWT in an EXCI request.

- .NET applications

CICS TG 9.3 delivers multiple improvements in .NET applications, such as support for .NET Framework 4.7 and support for .NET Core 3.1. Both .NET Framework and .NET Core applications can use connection pool capability for optimal resource utilization and reduction in response time. This new capability in CICS TG 9.3 removes the dependency on IBM SupportPac. Details can be found on the [CA77: CICS Transaction Gateway connection pooling for Microsoft.NET](#) web page. This capability also adds NLS support for CICS TG

messages in .NET Framework and .NET Core applications. Support is provided in the following languages: English, French, German, Italian, Japanese, Korean, Simplified Chinese, Spanish, and Turkish. CICS TG applications do not need to be recompiled to use this capability.

- High availability and scalability

CICS TG 9.3 provides sample CICS request exits, to be used with CICS TG, to create high-availability and request validation rules. These exits enable a high-availability infrastructure to be created quickly, using rules defined in a simple text-based configuration file. The rules define a set of policies to validate and workload balance ECI requests across defined CICS servers. This provides increased availability to CICS applications accessed from remote clients using the facilities of CICS TG. This new CICS TG 9.3 capability removes the dependency on SupportPac. Details can be found on the [CA1T: High availability exits for use with CICS TG](#) web page.

- Identity propagation

CICS TG 9.3 provides support for identity propagation with WebSphere Application Server Liberty. The CICS TG resource adapter can be configured with the Java Authentication and Authorization Service (JAAS) login module to provide identity propagation. This capability requires WebSphere Application Server Liberty 20.0.0.5, or later.

- New JCA management contracts

CICS TG 9.3 enables usage of NoTransaction management contract. The CICS TG resource adapter now supports all three management contracts described in the JCA 1.7 specification: LocalTransaction, XATransaction, and NoTransaction. This setting can be specified at the connection factory level to provide flexibility in designing Java EE applications.

CICS TG Software Development Kit (SDK)

The CICS TG SDK contains all of the CICS TG JAR files, RAR files, shared libraries, headers, libraries, and schemas required to write, compile, and ship a CICS TG application for any supported edition of CICS TG. To ensure that the latest release of the CICS TG SDK is readily available, it is only available to download from the [IBM Support](#) website.

Support for CICS Explorer

CICS Explorer is the strategic management interface for CICS TS, and it is updated to support the latest CICS TS and CICS Tools capabilities.

The CICS TG plug-in for CICS Explorer is updated to support CICS Explorer 5.5 and z/OS Explorer 3.1 Aqua. This update includes support for the new and enhanced capabilities of CICS TS 5.6. The latest release of CICS Explorer makes it easier to see the CICS data that is required by providing enhanced customization options for table views, which can then be saved for future use.

The CICS TG plug-in for CICS Explorer is available separately, at no charge. Organizations can download the CICS TG plug-in from the [IBM Mainframe Downloads](#) website.

Product positioning

CICS TG is the premier IBM enterprise connector using native connectivity to the CICS family of products. It is production proven for organizations as a high-performing, security-rich, and scalable method to CICS TS, CICS TX (Standard and Advanced), and TXSeries for Multiplatforms products. CICS TG:

- Delivers access to CICS applications for multiple types of the organization's client applications, while requiring minimal changes to CICS and usually no changes to existing CICS applications

- Provides quick and easy connector access to CICS applications from a wide variety of environments, including Java, JCA, C, .NET Framework, and .NET Core applications
- Enables the reuse of existing CICS applications as services in comprehensive and sophisticated JEE and web services solutions hosted on powerful application servers, such as WebSphere Application Server
- Enables a container capability for hybrid application deployment and provides access to CICS applications from cloud platforms of choice

In addition to CICS TG for z/OS and CICS TG for Multiplatforms, CICS TG Desktop Edition delivers low-cost, desktop connectivity to CICS for Microsoft Windows, Linux, and UNIX[®] operating systems. CICS TG Desktop Edition provides access from a single-user workstation to the tried and trusted transactional capabilities of the entire family of CICS servers.

All releases of CICS TG provide connectivity to CICS for JEE-certified application servers, as well as enable wide range of application platforms to integrate with CICS. This includes applets, servlets, and C, COBOL, Java, and .NET Framework-based applications.

CICS TG supports common programming frameworks to enable a wide variety of application platforms to integrate securely with CICS. JCA provides the highest quality of service, for example, connection pooling and transaction management, for applications deployed to a JEE application server, such as WebSphere Application Server and WebSphere Application Server Liberty. Furthermore, the CICS TG API for C, COBOL, Java, and .NET Framework-based applications enable Microsoft Windows, UNIX, and Linux platforms to exploit the robust and scalable connectivity available through CICS TG.

Organizations that are not yet running CICS TG for Multiplatforms 9.3 or CICS TG Desktop Edition 9.3 should make plans to upgrade to these new releases of CICS TG.

Statement of general direction

IBM makes the following statements of general direction:

- IBM intends that a future release of CICS TG for Multiplatforms and CICS TG Desktop Edition will end support for Microsoft Windows 32 bit.
- IBM intends that a future release of CICS TG for Multiplatforms and CICS TG Desktop Edition will end support for Linux on Power BE.
- IBM intends that a future release of CICS TG for Multiplatforms and CICS TG Desktop Edition will support 64-bit applications only.

Statements by IBM regarding its plans, directions, and intent are subject to change or withdrawal without notice at the sole discretion of IBM. Information regarding potential future products is intended to outline general product direction and should not be relied on in making a purchasing decision. The information mentioned regarding potential future products is not a commitment, promise, or legal obligation to deliver any material, code, or functionality. Information about potential future products may not be incorporated into any contract. The development, release, and timing of any future features or functionality described for IBM products remain at the sole discretion of IBM.

Reference information

For information on CICS TG for z/OS 9.3, see Software Announcement [JP20-0211](#), dated August 18, 2020.

For information on CICS TS 5.6, see Software Announcement [JP20-0032](#), dated April 7, 2020.

For information on z/OS Connect Enterprise Edition 3, see Software Announcement [JP19-0533](#), dated October 15, 2019.

For information on the end-of-service of CICS TG for z/OS 9.0, see Withdrawal Announcement [JP19-0339](#), dated August 6, 2019.

Program number

Program number (PID)	VRM	Program name
5724-I81	9.3.0	CICS TG for Multiplatforms
5725-B65	9.3.0	CICS TG Desktop Edition

Offering Information

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

More information is also available on the [Passport Advantage^{\(R\)}](#) and [Passport Advantage Express](#) website.

Publications

Product documentation for CICS TG 9.3 is available in [IBM Documentation](#).

Other resources for related IBM publications include the following:

- [IBM Publications Center](#)
- [IBM Redbooks^{\(R\)}](#)
- [IBM Redpapers](#)

National language versions

Some documentation is translated into languages other than English. For more information, see the [IBM Publications Center](#).

Services

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 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.

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^(R) and IBM Watson^(R) 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^(R) 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, Security 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^(R) for Security, IBM Security QRadar^(R)/QRoC, IBM Security SOAR/Resilient^(R), IBM i2^(R), IBM Security Verify, IBM Security Guardium^(R), and IBM Security MaaS360^(R).

For more information, contact Security Expert Labs at sel@us.ibm.com.

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

Specified operating environment

Hardware requirements

CICS TG 9.3 runs on any of the following hardware, which is supported by an operating system that is listed in the [Software requirements](#) section:

- AIX:
 - IBM Power system supported by IBM AIX
- Linux:
 - Intel Pentium™ IV processor, or later
 - Intel x86-64 or AMD x86-64 processor
 - 64-bit Power supported by Linux
 - IBM Z supported by Linux
- Microsoft Windows:
 - Intel Pentium IV processor, or later
 - Intel x86-64 or AMD x86-64 processor supported by Microsoft Windows

Details of the latest hardware and software requirements for CICS TG can be found in [IBM Documentation](#).

Software requirements

CICS TG 9.3 has the following software requirements:

- IBM AIX 7.1, or later
 - Linux on IBM Z: Red Hat Enterprise Linux (RHEL)³ or RHEL 8³; SUSE Linux Enterprise Server (SLES) 12⁴ or SLES 15
 - Linux on Power BE: RHEL 7; SLES 12 (with 64-bit kernel)
 - Linux on Power LE: RHEL 8; SLES 15
 - Linux on Intel: RHEL 7 or RHEL 8; SLES 12 or SLES 15; Ubuntu 18.04 LTS or Ubuntu 20.04 (with 64-bit kernel, which includes Desktop versions with 64-bit kernel)
 - Linux on Intel: RHEL 7 or RHEL 8 compatible environments⁵
 - Microsoft Windows 10 Pro and Enterprise Editions
 - Microsoft Windows Server 2016 Standard (including Small Business Server), Enterprise, and Datacenter Editions
 - Microsoft Windows Server 2019 Standard (including Small Business Server), Enterprise, and Datacenter Editions
 - IBM 32-bit Runtime Environment and Java Technology Edition 8.0 (Linux on Power BE, Microsoft Windows)
 - Semeru Runtime Open Edition 11.0.13 (AIX, Linux on Intel, Linux on IBM Z, Linux on Power LE)
- CICS TG for Multiplatforms 9.3 container image requires Docker runtime 20.10.7 or Podman runtime 3.0.2.

³ RHEL 7.7, or later, and RHEL 8.1, or later.

⁴ SUSE Linux Enterprise Server 11 SP4, or later, and SUSE Linux Enterprise Server 12 SP1, or later.

⁵ RHEL-compatible environments must be compatible with binary and source that is supported by the RHEL releases listed previously.

Limitations

For additional information, see the Usage restrictions in the [Terms and conditions](#) section of this announcement, or the license information document that is available on the [IBM Software License Agreement](#) web page.

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

Client Engineering 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, 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 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 at sysgarage@ibm.com.

User Group requirements

Requirements for CICS TG are being migrated to the new [IBM Z Software Ideas](#) portal, from the existing [Request For Enhancement \(RFE\)](#) entries.

Planning information

Packaging

This offering is delivered through the internet as an electronic download. There is no physical media.

When downloaded from a website, this offering 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 LICENSES.

Security, auditability, and control

CICS TG 9.3 uses the security and auditability features of the operating system under which it is running.

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

For ordering information, consult your IBM representative or IBM Business Partner, or go to the [Passport Advantage](#) website.

These programs are available only through Passport Advantage.

Passport Advantage

CICS TG for Multiplatforms 9.3 (5724-I81) has the following part numbers:

Part number	Part number description
D09XAZX	IBM CICS Transaction Gateway Virtual Processor Core License + SW Subscription & Support 12 Months
D09XBZX	IBM CICS Transaction Gateway Virtual Processor Core Monthly License
E09X9ZX	IBM CICS Transaction Gateway Virtual Processor Core Annual SW Subscription & Support Renewal
D09XCZX	IBM CICS Transaction Gateway Virtual Processor Core SW Subscription & Support Reinstatement 12 Months
D09XEZX	IBM CICS Transaction Gateway Linux on IBM Z Virtual Processor Core LIC + SW S&S 12 MO
D09XFZX	IBM CICS Transaction Gateway Linux on IBM Z Virtual Processor Core Monthly License
E09XDZX	IBM CICS Transaction Gateway Linux on IBM Z Virtual Processor Core Annual SW Subscription & Support Renewal
D09XGZX	IBM CICS Transaction Gateway Linux on IBM Z Virtual Processor Core Subscription & Support Reinstatement 12 Months
D0A0VZX	IBM CICS Transaction Gateway for IBM Z Virtual Processor Core LIC + SW S&S 12 MO
D0A0WZX	IBM CICS Transaction Gateway for IBM Z Virtual Processor Core Monthly License
E0A0UZX	IBM CICS Transaction Gateway for IBM Z Virtual Processor Core Annual SW Subscription & Support Renewal
D0A0XZX	IBM CICS Transaction Gateway for IBM Z Virtual Processor Core Subscription & Support Reinstatement 12 Months
D0I1MLL	IBM CICS Transaction Gateway for IBM Z Processor Value Unit (PVU) License + SW Subscription & Support 12 Months
E0BH8LL	IBM CICS Transaction Gateway for IBM Z Processor Value Unit (PVU) Annual SW Subscription & Support Renewal
D0I1NLL	IBM CICS Transaction Gateway for IBM Z Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months
D193MLL	IBM CICS Transaction Gateway for IBM Z Processor Value Unit (PVU) Monthly License
D07H1ZX	IBM CICS Transaction Gateway for IBM Z Processor Value Unit (PVU) SUBSCRIPTION LICENSE
D55KZLL	IBM CICS Transaction Gateway Processor Value Unit (PVU) License + SW Subscription & Support 12 Months
E021BLL	IBM CICS Transaction Gateway Processor Value Unit (PVU) Annual SW Subscription & Support Renewal
D55L0LL	IBM CICS Transaction Gateway Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months
D193LLL	IBM CICS Transaction Gateway Processor Value Unit (PVU) Monthly License
D07GZZX	IBM CICS Transaction Gateway Processor Value Unit (PVU) SUBSCRIPTION LICENSE

CICS TG Desktop Edition 9.3 (5725-B65) has the following part numbers:

Part number	Part number description
D0G84LL	IBM CICS Transaction Gateway Desktop Edition Authorized User License + SW Subscription & Support 12 Months
E0AI3LL	IBM CICS Transaction Gateway Desktop Edition Authorized User Annual SW Subscription & Support Renewal
D0G85LL	IBM CICS Transaction Gateway Desktop Edition Authorized User SW Subscription & Support Reinstatement 12 Months
D1960LL	IBM CICS Transaction Gateway Desktop Edition Authorized User Monthly License
D07GYZX	IBM CICS Transaction Gateway Desktop Edition Authorized User SUBSCRIPTION LICENSE
D0I1PLL	IBM CICS Transaction Gateway Desktop Edition for IBM Z Authorized User License + SW Subscription & Support 12 Months
E0BH9LL	IBM CICS Transaction Gateway Desktop Edition for IBM Z Authorized User Annual SW Subscription & Support Renewal
D0I1QLL	IBM CICS Transaction Gateway Desktop Edition for IBM Z Authorized User SW Subscription & Support Reinstatement 12 Months
D1961LL	IBM CICS Transaction Gateway Desktop Edition for IBM Z Authorized User Monthly License

Order the part numbers that follow when the product is intended to run on zEnterprise^(R) BladeCenter Extension or the Linux operating system on IBM Z IFL engines. If the product is not intended to run in these environments, order from the other set of part numbers in this announcement. This set of part numbers provides the identical supply and authorization as the other set in this announcement.

Part number	Part number description
D55L1LL	IBM CICS Transaction Gateway for zEnterprise BladeCenter Extension and Linux on IBM Z Processor Value Unit (PVU) License + SW Subscription & Support 12 Months
E021CLL	IBM CICS Transaction Gateway for zEnterprise BladeCenter Extension and Linux on IBM Z Processor Value Unit (PVU) Annual SW Subscription & Support Renewal
D55L2LL	IBM CICS Transaction Gateway for zEnterprise BladeCenter Extension and Linux on IBM Z Processor Value Unit (PVU) SW Subscription & Support Reinstatement 12 Months
D193KLL	IBM CICS Transaction Gateway for zEnterprise BladeCenter Extension and Linux on IBM Z Processor Value Unit (PVU) Monthly License
D07H0ZX	IBM CICS Transaction Gateway for zEnterprise BladeCenter Extension and Linux on IBM Z Processor Value Unit (PVU) SUBSCRIPTION LICENSE
D195ZLL	IBM CICS Transaction Gateway Desktop Edition Authorized User for zEnterprise BladeCenter Extension and Linux on IBM Z Monthly License
D0G8LLL	IBM CICS Transaction Gateway Desktop Edition Authorized User for zEnterprise BladeCenter Extension and Linux on IBM Z

Part number	Part number description
	License + SW Subscription & Support 12 Months
EOAIFLL	IBM CICS Transaction Gateway Desktop Edition Authorized User for zEnterprise BladeCenter Extension and Linux on IBM Z Annual SW Subscription & Support Renewal
DOG8MLL	IBM CICS Transaction Gateway Desktop Edition Authorized User for zEnterprise BladeCenter Extension and Linux on IBM Z SW Subscription & Support Reinstatement 12 Months

Passport Advantage trade up

Below is a list of precursor products for which you must have already acquired a license, in order to be eligible to acquire equivalent licenses using the trade-up part numbers.

Precursor product	Trade-up product
CICS Universal Client (5724-J09)	CICS TG Desktop Edition (5725-B65)
Trade-up part numbers	Description
DOG86LL	IBM CICS Transaction Gateway Desktop Edition Authorized User Trade Up from CICS Universal Client 10 Processor Value Units License + SW Subscription & Support 12 Months
DOG8NLL	IBM CICS Transaction Gateway Desktop Edition Authorized User for zEnterprise BladeCenter Extension and Linux on IBM Z Trade Up from CICS Universal Client for Linux on System z ^(R) 10 Processor Value Units License + SW Subscription & Support 12 Months
D0I35LL	IBM CICS Transaction Gateway Desktop Edition for IBM Z Authorized User Trade Up from CICS Universal Client 10 Processor Value Unit (PVUs) License + SW Subscription & Support 12 Months

Consult your IBM representative if you have any questions.

Charge metric

Program name	PID number	Charge metric/unit
CICS TG for Multiplatforms 9.3	5724-I81	Processor Value Unit (PVU)
CICS TG for Multiplatforms 9.3	5724-I81	PVU for zBX and Linux on IBM Z
CICS TG for Multiplatforms 9.3	5724-I81	PVU IBM Z
CICS TG Desktop Edition 9.3	5725-B65	Authorized User
CICS TG Desktop Edition 9.3	5725-B65	Authorized User for zBX and Linux on IBM Z
CICS TG Desktop Edition 9.3	5725-B65	Authorized User for IBM Z

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 Agreement, and the IBM Agreement for Acquisition of Software Maintenance.

This product is available only through Passport Advantage.

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. Part number products only, offered outside of Passport Advantage, where applicable, are license only and do not include Software Maintenance.

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

Software Maintenance

Licenses under the IBM International Program License Agreement (IPLA) provide for support with ongoing access to releases and versions of the program. IBM includes one year of Software Subscription and Support (also referred to as Software Maintenance) with the initial license acquisition of each program acquired. The initial period of Software Subscription and Support can be extended by the purchase of a renewal option, if available. Two charges apply: 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

The following License Information documents apply to the offerings in this announcement:

Program identifier	License Information document title	License Information document number
5724-I81	IBM CICS Transaction Gateway for Multiplatforms 9.3	L-ACRR-BZTHMX
5725-B65	IBM CICS Transaction Gateway Desktop Edition 9.3	L-ACRR-BZTJXX

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

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

Enhanced support

Technical support of a program product version or release will be available for a minimum of five 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.

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System i Software Maintenance applies

No

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No

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Not applicable

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