

IBM Cloud Pak for Integration 2022.2.1, IBM App Connect for Manufacturing 3.0.1, IBM API Connect Cloud Service, and IBM API Connect 10.0.5, deliver new integration capabilities

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Overview

IBM Cloud Pak^(R) for Integration 2022.2.1

Cloud Pak for Integration offers a powerful integrated platform for deploying containerized integration capabilities as part of a Red Hat^(R) OpenShift^(R) deployment environment. By making use of Cloud Pak for Integration, an organization can connect applications, systems, and services together quickly and simply, as part of a managed, controlled, scalable, and security-rich environment.

Cloud Pak for Integration 2022.2.1 includes the following enhancements and new capabilities:

- Delivered as Long Term Support Release (LTSR)
- Incorporates improvements to IBM^(R) MQ features, including MQ Streaming Queues and MQ native high availability (HA)
- Enhances and updates IBM Event Streams
- Updates IBM Aspera^(R)
- Enhances and updates IBM App Connect, including new smart connectors and natural language flow creation
- Enhances API Connect testing, co-authoring, and two-site disaster recovery deployments
- Includes API Connect components API Connect Portal and API Connect Manager for Linux^(R) on IBM Z^(R) Integrated Facility for Linux (IFL)
- Change to limited free Storage entitlement and capabilities

IBM App Connect for Manufacturing 3.0.1

App Connect for Manufacturing 3.0.1 can help manufacturers sense, share, visualize, and exploit factory data across enterprise and mobile applications without compromising plant-floor operational performance and security. App Connect for Manufacturing 3.0.1 provides a built-in, pattern-based approach to the configuration and deployment of common manufacturing information flows. These patterns help transform production automation data into widely used industry-application formats that enable wider visibility of production activity with web-based monitoring.

App Connect for Manufacturing 3.0.1 updates:

- Support for IBM App Connect Enterprise 12
- Remove the requirement for an external database; configuration now supports JSON
- Change in IBM Software Support Lifecycle Policy from Enhanced to Standard to coincide with what is available for IBM App Connect Enterprise 12
- New license terms that enable organizations to simplify, modernize, and expand use of App Connect for Manufacturing
- Can deploy to Cloud Pak for Integration, or any supported Kubernetes or Docker distribution

App Connect for Manufacturing 3.0.1 is provided in English only.

IBM API Connect^(R) Cloud Service

API Connect Cloud Service provides organizations with critical API management capability to accelerate API-led digital transformation. As organizations embrace their digital transformation journey, APIs become critical to unlock the value of the organization's business data and assets. With the increasing adoption of APIs, consistency and governance are needed across the enterprise. API management can help you create, manage, secure, and socialize your ecosystem of APIs, and deliver new engagement models with superior user experiences.

API Connect Cloud Service expands the software as a service (SaaS) offerings by adding a new component, IBM API Connect Enterprise as a Service, available on Amazon Web Services (AWS). API Connect Enterprise as a Service brings the IBM full-featured API lifecycle management solution to AWS and is available through the AWS Marketplace.

API Connect Enterprise as a Service brings a new modern experience, new innovation capabilities, and industry standards for full lifecycle API management as a multitenant SaaS solution for businesses of all sizes. For organizations with cloud-native apps and data on AWS, this provides an enterprise-grade API management solution close to where their apps and data are already running.

IBM API Connect 10.0.5 delivered as LTSR

API Connect 10.0.5 is available as LTSR. Two years of support is available, with fixes made available for this release for organizations that utilize key components at this level. If organizations move off API Connect 10.0.5 to a future CD release, then LTSR would no longer apply.

Key requirements

Cloud Pak for Integration 2022.2.1

Cloud Pak for Integration 2022.2.1 is available for deployment on x86, IBM Z IFL hardware, and IBM Power^(R) systems. Not all components of Cloud Pak for Integration are available for deployment on all hardware platforms.

For specific requirements for Cloud Pak for Integration, see the [Software Product Compatibility Reports](#) website of the respective Cloud Pak for Integration components.

App Connect for Manufacturing 3.0.1

See the [Software Product Compatibility Reports](#) website.

API Connect Cloud Service

- Internet connection
- Web browser

API Connect 10.0.5

See the [Software Product Compatibility Reports](#) website.

Planned availability date

- June 23, 2022: App Connect for Manufacturing 3.0.1
- June 28, 2022: API Connect Enterprise as a Service
- June 30, 2022: Cloud Pak for Integration 2022.2.1
- June 30, 2022: API Connect 10.0.5

Availability within a country is subject to local legal requirements.

Description

Cloud Pak for Integration 2022.2.1

Included in Cloud Pak for Integration are the following foundational IBM integration offerings that deliver integration capabilities as entitled and included features under the single integrated interface:

- App Connect Enterprise
- API Connect Manager and API Connect Portal components of API Connect
- IBM Aspera High Speed Transfer Server
- IBM DataPower^(R) Gateway Virtual Edition
- Event Streams
- MQ and IBM MQ Advanced
- Cloud Pak for Integration features also available in other IBM Cloud Pak offerings:
 - Robotic Process Automation (RPA) platform
 - RPA environment
 - RPA unattended bot
 - Process Mining

Entitlement to Cloud Pak for Integration enables organizations to choose to use one or more of the existing separate integration offerings, as well as the integrated capabilities within the offerings. This flexible approach enables organizations to modernize their infrastructure over time without disrupting their existing deployed environment.

Cloud Pak for Integration 2022.2.1 delivered as LTSR

For some time, Cloud Pak for Integration has been available through the IBM continuous delivery (CD) model. With CD, organizations can contact support for two years after a specific release of Cloud Pak for Integration is available, however, fixes are only made available for the most recent release. Through CD, new features and enhancements are included in program temporary fixes (PTFs) along with corrective and preventative service. You receive new features and enhanced capabilities as soon as the code is ready. You can now receive enhancements in a faster and more continuous way without waiting for the next release.

Cloud Pak for Integration is now available as LTSR. Two years of support is still available, however, fixes will continue to be available for this release for organizations that utilize key components at this level. If organizations move off Cloud Pak for Integration 2022.2.1 to a future CD release, then LTSR would no longer apply.

MQ improvements, including MQ Streaming Queues and MQ native HA

MQ Streaming Queues can now make additional use of MQ messages that are being sent directly between applications. Organizations can also record and replay messages to help build applications that meet their business needs. MQ native HA offers a container native high availability configuration that can be deployed on Red Hat OpenShift on Power systems, as well as other Kubernetes environments in addition to Red Hat OpenShift Container Platform on other x86 and IBM Z IFL hardware platforms.

In addition, MQ Uniform Clusters, MQ Managed File Transfers, and MQ REST messaging APIs are enhanced.

Event Streams enhancements and updates

Built on open source Apache Kafka, Event Streams is an event-streaming platform that helps you build smart apps that can react to events as they happen. This release of Cloud Pak for Integration supports the latest version of Kafka as well as the latest version of Apicurio, which is used as the schema registry for Kafka message definitions. In addition to these updates, the Strimzi operator is enhanced so that organizations that use an identity system that supports OAuth can use the new operator for identity and authorization checks.

Aspera updates

Organizations with Cloud Pak for Integration can use Aspera to enable more data to be moved over networks, which might be impacted by latency or errors. The latest release of Cloud Pak for Integration includes Aspera High Speed Transfer Server 4.3. In addition, there is increased synergy between Aspera High Speed Transfer Server and Cloud Pak for Integration, with Aspera now making use of the Foundation Services Audit Logging Service, which is part of the set of Cloud Pak common services supporting all Cloud Paks. This enables logs on Aspera to be captured and reviewed alongside other logs. Aspera provides enhanced setup guidance for Statistics Monitoring.

App Connect Enterprise enhancements, including new lighter weight integration server runtime, new connectors, and natural language flow creation

Beginning with Cloud Pak for Integration 2022.2.1, App Connect Enterprise offers new command and components that optimize both startup time and resource utilization for an integration server. This is achieved by disabling unused components that are not needed by the integration flows being deployed.

In addition, new connectors are available in App Connect Designer for Azure Active Directory, IBM Sterling^(R) Order Management System, Oracle Human Capital Management, and Zendesk. Users of these applications can now make use of these connectors to access their data.

In addition, Cloud Pak for Integration adds Goal Oriented Flow Assist that creates new integration flows on demand from a plain English description that describes what a user wants.

API Connect testing, co-authoring, and two-site disaster recovery deployments enhancements

In previous releases of API Connect in Cloud Pak for Integration, a number of features support AI-powered API Test generation. In this release of API Connect in Cloud Pak for Integration, a new Autotest Assist is available that automatically generates test data for the newly created API based on the API schema and specification. This test data can be used in development, test, and production environments.

An important benefit of Cloud Pak for Integration is the use of different integration components together, for example, when you are authoring APIs and can more easily build APIs that connect to the business data. With this release, organizations

are able to select which API environment, such as Organization or Catalog, they want to work with from within App Connect Designer UI, and then create and publish APIs with these chosen preferences when using co-authoring features. This makes it much easier to build, deploy, and manage the API-driven integration flow as it moves through the development and deployment lifecycle.

As a disaster recovery strategy, organizations with the latest release of Cloud Pak for Integration can have API Connect containers running on Red Hat OpenShift deployed on two different sites. This implementation provides enhanced options for availability compared to previous releases of Cloud Pak for Integration.

Availability of API Connect Portal and API Connect Manager for Linux on IBM Z IFL hardware

Previous releases of Cloud Pak for Integration include a number of integration components supported for deployment on Red Hat OpenShift running on Linux on IBM Z IFL hardware. This gives organizations additional options for integrating key business applications across business platforms. Cloud Pak for Integration 2022.2.1 includes API Connect Manager and API Connect Portal as components of API Connect for deployment on Red Hat OpenShift on IBM Z IFL hardware. This enables businesses to more easily expose key assets as APIs if they run on IBM Z.

Change to limited free storage entitlement and capabilities

Beginning with Cloud Pak for Integration 2020.4.1, Cloud Pak for Integration includes some limited entitlement to IBM Storage Suite for Cloud Paks. A subset of capabilities of Storage Suite for Cloud Paks was included and limited to 12 TB of storage capacity. This was a limited offer for a single purchase only. Beginning July 1, 2022, for first time buyers of Cloud Pak for Integration, this offer changes in line with changes in the storage products included in the entitlement. There is no change for organizations that already have entitlement to the previous offer in effect before July 1, 2022. For more information, see the [License Information document](#) website.

Program number

Program number	VRM	Program name
5737-I89	2022.2.1	IBM Cloud Pak for Integration
5725-Q97	3.0.1	IBM App Connect for Manufacturing
5737-D53	Cloud service	IBM API Connect Cloud Service
5725-Z22	10.0.5	IBM API Connect

Publications

- Cloud Pak for Integration 2022.2.1: Additional information about Cloud Pak for Integration is available in [IBM Documentation](#).
- App Connect for Manufacturing 3.0.1: Additional information about App Connect for Manufacturing is available in [IBM Documentation](#). Search for App Connect.
- API Connect and API Connect Cloud Service: Additional information about API Connect Cloud Service is available in [IBM Documentation](#).

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 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.

Technical information

Specified operating environment

Hardware requirements

Cloud Pak for Integration 2022.2.1

Cloud Pak for Integration 2022.2.1 is available for deployment on x86, IBM Z IFL hardware, and Power systems.

Not all components of Cloud Pak for Integration are available for deployment on all hardware platforms.

App Connect for Manufacturing 3.0.1

See the [Software Product Compatibility Reports](#) website.

API Connect

See the [Software Product Compatibility Reports](#) website.

API Connect Cloud Service

- Internet connection

Software requirements

Cloud Pak for Integration 2022.2.1

See the [Software Product Compatibility Reports](#) website for the components of Cloud Pak for Integration.

App Connect for Manufacturing 3.0.1

See the [Software Product Compatibility Reports](#) website.

API Connect

See the [Software Product Compatibility Reports](#) website.

API Connect Cloud Service

API Connect Cloud Service requires one of the following browsers:

- Mozilla Firefox 52, or later
- Google Chrome 65, or later
- Apple Safari 11, or later

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.

Planning information

Packaging

Cloud Pak for Integration, API Connect , and App Connect for Manufacturing are delivered through the internet as an electronic download. There is no physical media.

API Connect Cloud Service is accessed through the internet. There is no physical media or electronic deliverable

Security, auditability, and control

These offerings use the security and auditability features of the host 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

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

These programs are available only through Passport Advantage.

These programs may only be sold directly by IBM or by IBM authorized Business Partners.

To locate IBM Business Partners in your geography, see the [Find a Business Partner](#) page.

Passport Advantage

IBM API Connect Cloud Service (5737-D53)

API Connect Cloud Service introduces the following part numbers:

Part description	Part number
IBM API Connect Enterprise as a Service Hundred Thousand API Calls per Annum	D09ZVZX

Part description	Part number
IBM API Connect Enterprise as a Service Hundred Thousand API Calls Coverage	D09ZUZX

IBM App Connect for Manufacturing (5725-Q97)

App Connect for Manufacturing introduces the following part numbers:

Part description	Part number
IBM App Connect Enterprise for Manufacturing Install License + SW Subscription & Support 12 Months	D0AU1ZX
IBM App Connect Enterprise for Manufacturing Install SW Subscription & Support Reinstatement 12 Months	D0AU4ZX
IBM App Connect Enterprise for Manufacturing Install Monthly License	D0AU2ZX
IBM App Connect Enterprise for Manufacturing Install Annual SW Subscription & Support Renewal 12 Months	E0AU0ZX

As a convenience, the following table lists previously announced part numbers.

Part description	Part number
IBM App Connect for Manufacturing Factory Install License + SW Subscription & Support 12 Months	D1MI8LL
IBM App Connect for Manufacturing Factory Install SW Subscription & Support Reinstatement 12 Months	D1MI9LL
IBM App Connect for Manufacturing Factory Install Monthly License	D1PI9LL
IBM App Connect for Manufacturing Factory Install Annual SW Subscription & Support Renewal 12 Months	E0MKXLL

IBM Cloud Pak for Integration (5737-I89)

There is no new ordering information in this release. As a convenience, the following table lists previously announced part numbers.

Part description	Part number
IBM Cloud Pak for Integration Virtual Processor Core Subscription License	D2689LL
IBM Cloud Pak for Integration Virtual Processor Core License + SW Subscription & Support 12 Months	D20ZBLL
IBM Cloud Pak for Integration Virtual Processor Core Monthly License	D211KLL
IBM Cloud Pak for Integration Virtual Processor Core Annual SW Subscription & Support Renewal 12 Months	E0PPBLL
IBM Cloud Pak for Integration Virtual Processor Core SW Subscription & Support Reinstatement 12 Months	D20ZELL
IBM Cloud Pak for Integration-Operations Dashboard Add-On Virtual Processor Core License + SW Subscription & Support 12 Months	D25XKLL
IBM Cloud Pak for Integration-Operations Dashboard Add-On Virtual Processor Core Monthly License	D25XILL
IBM Cloud Pak for Integration-Operations Dashboard Add-On Virtual Processor Core Annual SW Subscription & Support Renewal 12 Months	E0QG2LL
IBM Cloud Pak for Integration-Operations Dashboard Add-On Virtual Processor Core	D25XLLL

Part description	Part number
SW Subscription & Support Reinstatement 12 Months	
IBM Cloud Pak for Integration Operations Dashboard Add-On Virtual Processor Core Subscription License	D27ZXLL
IBM Cloud Pak for Integration - API Calls Resource Value Unit Subscription License	D052XZX
IBM Aspera Enterprise 10 GBPS for Cloud Pak Integration Install Subscription License	D0537ZX

Passport Advantage tradeup

You must have previously acquired a license for a precursor product to be eligible to acquire an equivalent license of the trade-up product.

IBM App Connect for Manufacturing 3.0.1 (5725-Q97)

App Connect for Manufacturing 3.0.1 introduces the following part number:

Part description	Part number
IBM App Connect Enterprise for Manufacturing Install Trade Up from App Connect for Manufacturing Factory	D0ATZZX

IBM Cloud Pak for Integration (5737-I89)

There is no new ordering information in this release. As a convenience, the following table lists currently available part numbers.

Part description	Part number
IBM Cloud Pak for Integration from Prior Programs Virtual Processor Core Trade Up License + SW Subscription & Support 12 Months	D20ZFLL
IBM Cloud Pak for Integration from Prior Programs Virtual Processor Core for IBM Z Trade Up License + SW Subscription & Support 12 Months	D20ZKLL

Consult your IBM representative or IBM Authorized Business Partner if you have any questions.

Cross-platform product for use on IBM Z

Order the part numbers that follow when the product is used for either the development of code that will be deployed on IBM Z or when the product will be communicating or transferring data between a distributed server and a IBM Z. Otherwise 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.

IBM Cloud Pak for Integration (5737-I89)

There is no new ordering information in this release. As a convenience, the following table lists previously announced part numbers.

Part number description	Part number
IBM Cloud Pak for Integration For IBM Z Virtual Processor Core Subscription License	D268BLL
IBM Cloud Pak for Integration Virtual Processor Core for IBM Z License + SW Subscription & Support 12 Months	D20ZILL
IBM Cloud Pak for Integration Virtual Processor Core for IBM Z Monthly License	D211LLL
IBM Cloud Pak for Integration Virtual Processor Core for IBM Z Annual SW	E0PPCLL

Part number description	Part number
Subscription & Support Renewal 12 Months	
IBM Cloud Pak for Integration Virtual Processor Core for IBM Z SW Subscription & Support Reinstatement 12 Months	D20ZJLL
IBM Cloud Pak for Integration-Operations Dashboard Add-On For IBM Z Virtual Processor Core Monthly License	D25XJLL
IBM Cloud Pak for Integration-Operations Dashboard Add-On For IBM Z Virtual Processor Core Annual SW Subscription & Support Renewal 12 Months	E0QG3LL
IBM Cloud Pak for Integration-Operations Dashboard Add-On For IBM Z Virtual Processor Core SW Subscription & Support Reinstatement 12 Months	D25XNLL
IBM Cloud Pak for Integration Operations Dashboard Add-On For IBM Z Virtual Processor Core Subscription License	D27ZYLL
IBM Cloud Pak for Integration - API Calls for IBM Z Resource Value Unit Subscription License	D0532ZX
IBM Aspera Enterprise 10 GBPS for Cloud Pak Integration for IBM Z Install Subscription License	D053CZX

Charge metric

Charge metric for licensed products

The charge metrics for these licensed products can be found in the following License Information documents:

Program name	PID number	License Information document number
IBM Cloud Pak for Integration 2022.2.1	5737-I89	L-RJON-CD3JKX
IBM App Connect for Manufacturing 3.0.1	5725-Q97	L-AMYG-CDWDSP
IBM API Connect Enterprise PVU 10.0.5	5725-Z22	L-RJON-CEBLEH

Select your language of choice and scroll down to the Charge Metrics section. Follow-on releases, if any, may have updated terms. See the [License Information documents](#) website for more information.

Charge metric for cloud services

Definitions of the charge metrics for these offering can be found in the following Service Description document.

API Connect Enterprise as a Service

Program name	PID number	Service Description document number
IBM API Connect Cloud Service	5737-D53	i26-9422

See the [Cloud Services terms](#) website to find the Service Description that corresponds to the date of this announcement. Select your language of choice and scroll down to the Charge Metrics section.

Terms and conditions

Terms and conditions for the licensed product

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.

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^(R), 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 offering in this announcement:

Program name	PID number	License Information document number
IBM Cloud Pak for Integration 2022.2.1	5737-I89	L-RJON-CD3JKX
IBM App Connect for Manufacturing 3.0.1	5725-Q97	L-AMYG-CDWDSP
IBM API Connect Enterprise PVU 10.0.5	5725-Z22	L-RJON-CEBLEH

Select your language of choice and scroll down to the Charge Metrics section. 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

Standard support

App Connect for Manufacturing 3.0.1

Technical support for App Connect for Manufacturing 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 or IBM Business Partner. This extension may be available for a fee.

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

For additional information about the CD support lifecycle policy, see the [IBM Continuous Delivery Support Lifecycle Policy](#) web page.

CD support

Cloud Pak for Integration 2022.2.1

Technical support for Cloud Pak for Integration will be available for a minimum of two 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 versions, releases, and updates (CD releases, Long Term Support Releases, or fixes) 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 about the CD support lifecycle policy, see the [IBM Continuous Delivery Support Lifecycle Policy](#) web page.

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

Cloud service technical support

API Connect Cloud Service

Technical support is provided for Cloud Services and enabling software, as applicable, during the subscription period. Any enhancements, updates, and other

materials provided by IBM as part of any such technical support are considered to be part of the Cloud Service, as applicable, and, therefore, governed by the applicable agreement as defined in client's quote or transaction document. Technical support is included with the Cloud Service and is not available as a separate offering.

Additional technical support information for this Cloud Service offering may be found in the [IBM Support Guide](#) or in service-specific documentation.

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 (1) for programs acquired under the IBM International Passport Advantage offering, this term applies only to your first acquisition of the program and (2) 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

Yes. Information is available on the [Passport Advantage and Passport Advantage Express](#) website.

Usage restrictions

Yes. For any usage restrictions, see the License Information documents as listed in the [Terms and conditions](#) section.

Software Subscription and Support applies

Yes. Software Subscription and Support, also referred to as Software Maintenance, is included with licenses purchased through Passport Advantage and Passport Advantage Express. Product upgrades and Technical Support are provided by the Software Subscription and Support offering as described in the Agreements. Product upgrades provide the latest versions and releases to entitled software, and Technical Support provides voice and electronic access to IBM support organizations, worldwide.

IBM includes one year of Software Subscription and Support with each program license acquired. The initial period of Software Subscription and Support can be extended by the purchase of a renewal option, if available.

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 users.) IBM provides Severity 1 assistance 24 hours a day, 7 days a week. For additional details, see 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, or failures caused by products for which IBM is not responsible under the applicable agreements.

Unless specified otherwise in a written agreement with you, IBM does not provide support for third-party products that were not provided by IBM. Ensure that when contacting IBM for covered support, you follow problem determination and other instructions that IBM provides, including in the [IBM Support Guide](#).

For additional information about the International Passport Advantage Agreement and the IBM International Passport Advantage Express Agreement, go to the [Passport Advantage and Passport Advantage Express](#) website.

Variable charges apply

No

Educational allowance available

Not applicable

Terms and conditions for the cloud service

The information provided in this announcement letter is for reference and convenience purposes only. The terms and conditions that govern any transaction for the acquisition of Cloud Services from IBM consist of either the IBM Cloud^(R) Services Agreement and the applicable offering Service Description or the IBM International Passport Advantage Agreement or the International Passport Advantage Express Agreement and the IBM Terms of Use - General Terms for Cloud Offerings and the applicable offering Service Description.

Technical support

Technical support is provided for Cloud Services and enabling software, as applicable, during the subscription period. Any enhancements, updates, and other materials provided by IBM as part of any such technical support are considered to be part of the Cloud Service, as applicable, and therefore governed by the applicable agreement as defined in Client's quote or transaction document. Technical support is included with the Cloud Service and is not available as a separate offering.

Additional technical support information for this Cloud Service offering may be found in the [IBM Support Guide](#) or in service-specific documentation.

Service Description

The following service description document applies to the offering in this announcement.

API Connect Enterprise as a Service

Program name	PID number	Service Description document number
IBM API Connect Cloud Service	5737-D53	i26-9422

See the [Cloud Services terms](#) website to find the Service Description that corresponds to the date of this announcement. Select your language of choice and scroll down to the Charge Metrics section.

Limited warranty

See the warranty defined in the applicable agreement governing client's acquisition for this offering.

Money-back guarantee

No

Volume orders (IVO)

No

Passport Advantage applies

Yes. Information is available on the [Passport Advantage and Passport Advantage Express](#) website.

Usage restrictions

Yes. See Service Description on the [Cloud Services terms](#) website for details about any restrictions.

Educational allowance available

No

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

The prices are unchanged by this announcement.

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Regional availability

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