

# IBM Cloud Pak for Integration 2021.2.1 adds new features, including automation, AI, and machine learning capabilities for testing as well as tracing and delivers additional storage option

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## Overview

IBM Cloud Pak<sup>(R)</sup> for Integration offers a powerful integrated platform for deploying containerized integration capabilities as part of a Red Hat<sup>(R)</sup> OpenShift<sup>(R)</sup> 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 2021.2.1 includes the following enhancements and new capabilities:

- Delivers enhanced API authoring experience
- Includes new capabilities for AI-powered API test generation
- Includes additional support for storage options available in IBM<sup>(R)</sup> Storage Suite for IBM Cloud<sup>(R)</sup> Paks

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## Key requirements

- Runs in a Red Hat OpenShift environment included with the offering
- Only available for x86 deployment

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## Planned availability date

June 25, 2021

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## Description

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:

- IBM App Connect Enterprise
- IBM API Connect<sup>(R)</sup>

- IBM Aspera<sup>(R)</sup> High Speed Transfer Server
- IBM DataPower<sup>(R)</sup> Gateway Virtual Edition
- IBM MQ and IBM MQ Advanced
- Cloud Pak for Integration features also available in other IBM Cloud Pak offerings:
  - Robotic Process Automation (RPA) platform
  - Process Mining
  - RPA environment
  - RPA unattended bot

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.

### **Enhanced API authoring experience**

Cloud Pak for Integration includes improvements to the experience of authoring an API. Changes and updates to the App Connect Designer component let users author an API from within the App Connect Designer component, including the different steps needed before deployment, such as building the flow and pulling in a security policy. Less skills are needed for users to author an API. Users can avoid having multiple tooling interfaces open to create a single API integration. These functions were delivered in an update to the App Connect operator in Cloud Pak for Integration 2021.1.1.

### **Delivers API test generation leveraging AI**

With many new integration solutions using APIs to address business needs, it is critical that these APIs are thoroughly tested to reduce the chance for API users to encounter errors. New capabilities, available as part of Cloud Pak for Integration 2021.2.1, use automation, AI, and machine learning to generate potentially hundreds of new tests. The API test generation capability can help provide better quality solutions, with lower impact on development skills and time.

### **Adds storage options in the included Storage Suite for IBM Cloud Paks**

Cloud Pak for Integration now includes limited entitlement to Storage Suite for IBM Cloud Paks. IBM Spectrum<sup>(R)</sup> Virtualize is now supported as a storage option by some of the Cloud Pak for Integration capabilities and IBM Spectrum Scale is also supported by some of the Cloud Pak for Integration capabilities. Red Hat OpenShift Container Storage continues to be supported across the different integration capabilities. Documentation in IBM Documentation has more details regarding which storage option is supported for which integration capability. In addition, Cloud Pak for Integration also includes limited entitlement to IBM Spectrum Protect Plus, which provides resiliency, replication, and retention for data under its control. Limited entitlement is for 4 TB. For use of this entitlement of Spectrum Protect Plus, continued entitlement to Cloud Pak for Integration is required. Usage of Spectrum Protect Plus is available for a maximum of 36 months from initial Cloud Pak for Integration entitlement.

### **Accessibility by people with disabilities**

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Accessibility Compliance Reports (previously known as a VPAT) containing details on accessibility compliance to standards, including the Worldwide Consortium Web Content Accessibility Guidelines, European Standard EN 301 349, and US Section 508, can be found on the [IBM Accessibility Conformance Report Request](#) website.

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## **Reference information**

For additional information about Cloud Pak for Integration, see:

- Software Announcement [221-067](#), dated March 23, 2021.
- Software Announcement [220-456](#), dated December 1, 2020.
- Software Announcement [220-307](#), dated September 22, 2020.
- Software Announcement [220-300](#), dated June 23, 2020.
- Software Announcement [220-168](#), dated April 28, 2020.
- Software Announcement [220-044](#), dated March 31, 2020.
- Software Announcement [219-064](#), dated December 17, 2019.
- Software Announcement [219-443](#), dated October 29, 2019
- Software Announcement [219-515](#), dated October 15, 2019.
- Software Announcement [219-304](#), dated June 18, 2019.
- Software Announcement [219-064](#), dated December 17, 2019.

For additional information about App Connect 12, see Software Announcement [221-033](#), dated April 27, 2021.

For additional information about Cloud Pak for Integration (formerly known as Cloud Integration Platform), see:

- Software Announcement [219-236](#), dated April 30, 2019.
- Software Announcement [219-009](#), dated January 8, 2019.

For information about the Red Hat OpenShift Container Platform, see the [Red Hat](#) website.

For more information about API Connect, see:

- Software Announcement [220-492](#), dated November 3, 2020.
- Software Announcement [220-133](#), dated April 28, 2020.
- Software Announcement [218-489](#), dated November 13, 2018.
- Software Announcement [218-018](#), dated March 13, 2018.
  
- Software Announcement [220-133](#), dated April 28, 2020.

For more information about App Connect Enterprise, see:

- Software Announcement [220-292](#), dated September 15, 2020.
- Software Announcement [219-109](#), dated March 5, 2019.
- Software Announcement [218-037](#), dated January 30, 2018.

For more information about DataPower<sup>(R)</sup> Gateway, see:

- Software Announcement [220-492](#), dated November 3, 2020.
- Software Announcement [220-133](#), dated April 28, 2020.
- Software Announcement [220-133](#), dated April 28, 2020.
- Software Announcement [218-489](#), dated November 13, 2018.
- Software Announcement [218-018](#), dated March 13, 2018.
- Software Announcement [217-265](#), dated July 25, 2017.
- Software Announcement [216-024](#), dated February 16, 2016.
- Software Announcement [215-108](#), dated May 26, 2015.

For more information about MQ and MQ Advanced, see:

- Software Announcement [220-448](#), dated December 1, 2020.
- Software Announcement [220-238](#), dated July 21, 2020.
- Software Announcement [220-094](#), dated April 2, 2020.
- Software Announcement [219-487](#), dated December 3, 2019.
- Software Announcement [219-254](#), dated July 9, 2019.
- Software Announcement [219-220](#), dated April 2, 2019.
- Software Announcement [219-015](#), dated February 5, 2019.
- Software Announcement [218-246](#), dated July 3, 2018.
- Software Announcement [218-069](#), dated March 13, 2018.

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## Program number

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Program number	VRM	Program name
5737-I89	2021.2.1	IBM Cloud Pak for Integration

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## Publications

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Additional information about Cloud Pak for Integration is available in [IBM Documentation](#).

For documentation about the other offerings within this announcement, see the *Publications* sections of the respective Software Announcements that are listed in the [Reference information](#) section.

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## Services

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### Software Services

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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.

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## Technical information

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### Specified operating environment

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#### Hardware requirements

Cloud Pak for Integration 2021.2.1 is only available for x86 deployment. Cloud Pak for Integration 2021.2.1 is not available for IBM Z<sup>(R)</sup> Integrated Facility for Linux<sup>(R)</sup> engines. Cloud Pak for Integration 2020.4.1 continues to be available for that platform.

For specific hardware requirements for the offerings within this announcement, see the Hardware requirements sections of the respective Software Announcements listed in the [Reference information](#) section.

### **Software requirements**

For specific software requirements for the offerings within this announcement, see the Software requirements sections of the respective Software Announcements listed in the [Reference information](#) section.

### **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](#).

### **Planning information**

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#### **Packaging**

This offering is accessed through the internet. There is no physical media or electronic deliverable.

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

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Cloud Pak for Integration uses 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.

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## **Ordering information**

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For ordering information, consult your IBM representative or IBM Business Partner, or go to the [Passport Advantage<sup>\(R\)</sup>](#) website.

This program is only available through Passport Advantage. It is not available as shrinkwrap.

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

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

### **Passport Advantage**

#### **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:

<b>Part description</b>	<b>Part number</b>
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

<b>Part description</b>	<b>Part number</b>
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 SW Subscription & Support Reinstatement 12 Months	D25XLLL
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 <sup>®</sup> Enterprise 10 GBPS for Cloud Pak Integration Install Subscription License	D0537ZX

#### **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:

<b>Part number description</b>	<b>Part number</b>
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 Subscription & Support Renewal 12 Months	E0PPCLL
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

Part number description	Part number
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

The charge metrics for this licensed product can be found in the following License Information documents:

Program name	PID number	License Information document number
IBM Cloud Pak for Integration 2022.1	5737-I89	L-RJON-BZFQU2

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.

## Terms and conditions

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

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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<sup>(R)</sup>, 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).

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## License Information number

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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 2021.2.1	5737-I89	L-RJON-BZFQU2

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

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Yes

## Limited warranty

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- The program is still supported.
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If you require additional technical support from IBM for any individual program within this offering, contact your IBM representative or IBM Business Partner.

For additional information on the IBM Software Support Lifecycle Policy, see the [IBM Continuous Delivery Support Lifecycle Policy](#) website.

## Money-back guarantee

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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.



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

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No

### **Passport Advantage applies**

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

### **Usage restrictions**

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

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### **Variable charges apply**

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No

### **Educational allowance available**

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Not applicable

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## Prices

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The prices are unchanged by this announcement.

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