IBM DataPower Gateway V2018.4.1.0 includes a new API gateway that provides new assembly actions, delivering high performance and enhanced security for your APIs; IBM API Connect V2018.4.1.0 includes important scalability and performance improvements.

### Overview

IBM® DataPower® Gateway V2018.4.1.0 continues the journey as a leading security and API gateway with a new, natively built, high performance API gateway service, which delivers increased performance over the traditional multiprotocol gateway service. IBM API Connect® V2018.4.1.0 expands its functionality and adds scalability and performance to the first multicloud API management platform in the market.

Both DataPower Gateway V2018.4.1.0 and API Connect V2018.4.1.0 are a Long Term Support Release (LTSR).

DataPower Gateway V2018.4.1.0 LTSR capabilities:

- New, API Gateway service with persisted configuration for enhanced resiliency
- New, improved assembly actions for the API gateway, such as:
  - Switch action that evaluates the input context against a list of conditions and runs the corresponding API rule.
  - Extensible Stylesheet Language Transformation (XSLT) action that runs a stylesheet for the payload and headers of messages from the API context.
  - JavaScript™ Object Notation (JSON) to Extensible Markup Language (XML) and XML to JSON action that converts the payload of an API message from JSON format to the equivalent XML format and vice versa.
  - Parse action that controls the parsing of an input document from the API context.
  - Set variables action that sets, adds, or clears the variables in the API context.
  - Customizable messages available in the throw action policy.
  - Dynamic object configuration support for Parse and OAuth policies.
  - New User Security assembly action that provides independent identity extraction, authentication and authorization capabilities.
- New support for Simple Object Access Protocol (SOAP) APIs and new algorithms for signing JSON Web Token (JWT) for the new generate and validate JWT action
- New Open Authorization (OAuth) provider settings used to support OpenID Connect (OIDC) and Proof Key for Code Exchange (PKCE)
- Increased operational resiliency when providing gateway service for API Connect comply with the Open Banking Security Profile standard
DataPower Gateway now has a new date-based versioning scheme that is defined by year, quarter, and release. Version 2018.4 is the long-term support release that replaces the previously shipped DataPower Gateway V7.7.x continuous delivery (CD) update packages.

API Connect V2018.4.1.0 LTSR capabilities:

- Scalability and performance improvements
- Global policies to enforce corporate governance are extended to the new API gateway
- DataPower Gateway extensions to customize additional enforcement capabilities to support enterprise requirements
- Backup and restore the API Connect 2018 configuration

**Key prerequisites**

DataPower Gateway physical appliance or DataPower Gateway Virtual Edition

For details, see the [Hardware requirements](#) and [Software requirements](#) sections.

**Planned availability date**

November 15, 2018

**Description**

**Accessibility by people with disabilities**

A US Section 508 Accessibility Compliance Report containing details on accessibility compliance can be found on the [Product accessibility information](#) website.

**Reference information**

For more information about IBM DataPower Gateway, see

- 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 214-394, dated October 14, 2014
- Software Announcement 214-117, dated April 15, 2014

**Program number**

<table>
<thead>
<tr>
<th>DataPower Gateway</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Program number</strong></td>
</tr>
<tr>
<td>5737-F90</td>
</tr>
<tr>
<td>5737-F91</td>
</tr>
<tr>
<td>5725-T06</td>
</tr>
<tr>
<td>Program number</td>
</tr>
<tr>
<td>---------------</td>
</tr>
<tr>
<td>5725-T07</td>
</tr>
<tr>
<td>5725-T09</td>
</tr>
<tr>
<td>5725-K50</td>
</tr>
<tr>
<td>5725-K51</td>
</tr>
<tr>
<td>5725-K52</td>
</tr>
<tr>
<td>5725-K53</td>
</tr>
<tr>
<td>5725-K54</td>
</tr>
<tr>
<td>5725-K55</td>
</tr>
<tr>
<td>5765-CS2</td>
</tr>
<tr>
<td>5765-DP6</td>
</tr>
</tbody>
</table>

**API Connect**

<table>
<thead>
<tr>
<th>Program number</th>
<th>VRM</th>
<th>Program name</th>
</tr>
</thead>
<tbody>
<tr>
<td>5725-Z22</td>
<td>2018.4.1.0</td>
<td>IBM API Connect</td>
</tr>
</tbody>
</table>

**Publications**

**DataPower Gateway**

Documentation for DataPower appliances and features is available in IBM Knowledge Center.

**API Connect**

Documentation for API Connect is available in IBM Knowledge Center.

**Services**

**Software Services**

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

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

## Technical information

### Specified operating environment

#### Hardware requirements

**DataPower Gateway**

DataPower Gateway V2018.4.1.0 supports the following DataPower physical and virtual appliances:

<table>
<thead>
<tr>
<th>Description</th>
<th>Machine type</th>
<th>Model</th>
</tr>
</thead>
<tbody>
<tr>
<td>IBM DataPower Gateway</td>
<td>8436</td>
<td>52X</td>
</tr>
<tr>
<td>IBM DataPower Gateway with HSM Card</td>
<td>8436</td>
<td>53X</td>
</tr>
<tr>
<td>IBM DataPower Gateway</td>
<td>8441</td>
<td>52X</td>
</tr>
<tr>
<td>IBM DataPower Gateway with HSM Card</td>
<td>8441</td>
<td>53X</td>
</tr>
<tr>
<td>IBM DataPower Gateway Virtual Edition</td>
<td>5725</td>
<td>T09</td>
</tr>
<tr>
<td>IBM WebSphere DataPower Service Gateway XG45 without HSM</td>
<td>7198</td>
<td>32X</td>
</tr>
<tr>
<td>IBM WebSphere DataPower Service Gateway XG45</td>
<td>2426</td>
<td>32X</td>
</tr>
<tr>
<td>IBM WebSphere DataPower Service Gateway XG45 with HSM card</td>
<td>2426</td>
<td>33X</td>
</tr>
<tr>
<td>IBM WebSphere DataPower Integration Appliance XI52</td>
<td>7199</td>
<td>42X</td>
</tr>
<tr>
<td>IBM WebSphere DataPower Integration Appliance XI52 without HSM</td>
<td>2426</td>
<td>42X</td>
</tr>
<tr>
<td>IBM WebSphere DataPower Integration Appliance XI52 with HSM card</td>
<td>2426</td>
<td>43X</td>
</tr>
<tr>
<td>IBM WebSphere DataPower B2B Appliance XB62</td>
<td>7199</td>
<td>62X</td>
</tr>
<tr>
<td>IBM WebSphere DataPower B2B Appliance XB62 without HSM</td>
<td>2426</td>
<td>62X</td>
</tr>
<tr>
<td>IBM WebSphere DataPower B2B Appliance XB62 with HSM card</td>
<td>2426</td>
<td>63X</td>
</tr>
</tbody>
</table>

For DataPower Gateway V2018.4.1.0 hardware requirements, see [System requirements for IBM DataPower Gateways](#) website.

**API Connect**

For API Connect 2018.4.1.0 hardware requirements, see [Software Product Compatibility Reports](#) website.
Software requirements

DataPower Gateway

For DataPower Gateway V2018.4.1.0 software requirements, see System requirements for IBM DataPower Gateways website.

Notes:

• Support for VMware platforms is dependent upon the VMware vendor product support lifecycle.
• Support for all versions of:
  – Microsoft® Azure
  – SoftLayer® CloudLayer® Services
  – Amazon Web Services (AWS)

API Connect

For API Connect 2018.4.1.0 software requirements, see Software Product Compatibility Reports website.

Planning information

Packaging

This offering is available only through electronic download.

Ordering information

For ordering information, consult your IBM representative or authorized IBM Business Partner, or go to the Passport Advantage® website.

Product group: IBM Hybrid Cloud

Product description: IBM DataPower Gateway Virtual Edition (5725-T09)

Product category: Hybrid Cloud Integration

Passport Advantage

There is no new part number information as a result of this announcement.

For more ordering information regarding DataPower Gateway, see Software Announcement 218-018, dated March 13, 2018.

Charge metric

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

DataPower Gateway

<table>
<thead>
<tr>
<th>Program name</th>
<th>PID number</th>
<th>License Information document number</th>
</tr>
</thead>
<tbody>
<tr>
<td>IBM DataPower Gateway</td>
<td>8441-52X</td>
<td>L-RJON-B4AQ4G</td>
</tr>
<tr>
<td></td>
<td>8441-53X</td>
<td></td>
</tr>
<tr>
<td></td>
<td>8436-52X</td>
<td></td>
</tr>
<tr>
<td></td>
<td>8426-53X</td>
<td></td>
</tr>
<tr>
<td></td>
<td>7198-32X</td>
<td></td>
</tr>
</tbody>
</table>

IBM DataPower Gateway 5725-T07 L-RJON-AZXP8E
Select your language of choice and scroll down to the Charge Metrics section.

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\(^{(\text{R})}\) Agreement, and the IBM Agreement for Acquisition of Software Maintenance.

Licensing

IBM International Program License Agreement including the License Information document and Proof of Entitlement (PoE) govern your use of the program. PoEs are required for all authorized use. Part number products only, offered outside of Passport Advantage\(^{(\text{R})}\), where applicable, are license only and do not include Software Maintenance.

Agreement for Acquisition of Software Maintenance

When a customer orders a license to the program other than via Passport Advantage, these programs are licensed under the IBM Program License Agreement (IPLA) and the associated Agreement for Acquisition of Software Maintenance, which provide for support with ongoing access to releases and versions of the program. 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 (also referred to as Software Maintenance) can be extended by the purchase of a renewal option, if available. These programs have a one-time license charge for use of the program and an annual renewable charge for the enhanced support that includes telephone assistance (voice support for defects during normal business hours), as well as access to updates, releases, and versions of the program as long as support is in effect.

Software Services

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

More information regarding DataPower technology can be found in the comprehensive portfolio of education services which is available from the WebSphere Education team. The curriculum provides a unique training value built on exclusive product knowledge, a complete education experience, and flexible options.

To obtain more information regarding the DataPower Gateway Training path offerings, see the IBM Skills Gateway website.

To obtain information regarding IBM Software Services or to contact a Software Services sales specialist, visit IBM Software Services website.

**License Information number**

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

**DataPower Gateway**

<table>
<thead>
<tr>
<th>Program identifier</th>
<th>License Information document title</th>
<th>License Information document number</th>
</tr>
</thead>
<tbody>
<tr>
<td>8441-52X</td>
<td>IBM DataPower Gateway V2018.4.1.0 - GA License</td>
<td>L-RJON-B4AQ4G</td>
</tr>
<tr>
<td>8441-53X</td>
<td>IBM DataPower Gateway V2018.4.1.0 for Developers for Docker</td>
<td>L-RJON-AZXP8E</td>
</tr>
<tr>
<td>8436-52X</td>
<td>IBM DataPower Gateway V2018.4.1.0 Virtual Edition Non-Production for Linux® and Docker - GA License</td>
<td>L-RJON-B4AQ5C</td>
</tr>
<tr>
<td>8426-53X</td>
<td>IBM DataPower Gateway V2018.4.1.0 Virtual Edition Production for Linux and Docker - GA License</td>
<td>L-RJON-B4AQ6L</td>
</tr>
<tr>
<td>7198-32X</td>
<td>IBM DataPower Gateway V2018.4.1.0 Virtual Edition Production for VMWare™ - GA License</td>
<td>L-RJON-B4AQ7E</td>
</tr>
<tr>
<td>5725-T09</td>
<td>IBM DataPower Gateway V2018.4.1.0 Virtual Edition Non-Production for VMWare™ - GA License</td>
<td>L-RJON-B4AQ87</td>
</tr>
<tr>
<td>5725-T09</td>
<td>IBM DataPower Gateway V2018.4.1.0 Virtual Edition Production for VMWare™ - GA License</td>
<td>L-RJON-B4AQ8Z</td>
</tr>
<tr>
<td>5725-T09</td>
<td>IBM DataPower Gateway V2018.4.1.0 Virtual Edition for Developers for VMWare™ - GA License</td>
<td>RJON-B4AQ9W</td>
</tr>
</tbody>
</table>

**API Connect**
<table>
<thead>
<tr>
<th>Program identifier</th>
<th>License Information document title</th>
<th>License Information document number</th>
</tr>
</thead>
<tbody>
<tr>
<td>5725-Z22</td>
<td>IBM API Connect Professional PVU V2018.4.1.0</td>
<td>L-RJON-B4HPQB</td>
</tr>
<tr>
<td>5725-Z22</td>
<td>IBM API Connect Professional Monthly Subscription V2018.4.1.0</td>
<td>L-RJON-B4HPPP</td>
</tr>
<tr>
<td>5725-Z22</td>
<td>IBM API Connect Enterprise PVU V2018.4.1.0</td>
<td>L-RJON-B4HPP5</td>
</tr>
<tr>
<td>5725-Z22</td>
<td>IBM API Connect Enterprise Monthly Subscription V2018.4.1.0</td>
<td>L-RJON-B4HPND</td>
</tr>
<tr>
<td>5725-Z22</td>
<td>IBM API Connect Enterprise PVU Add-on for IBM Products 2018.4.1.0</td>
<td>L-RJON-B4HPMK</td>
</tr>
<tr>
<td>5725-Z22</td>
<td>IBM API Connect Lite 2018.4.1.0</td>
<td>L-RJON-B4HPKN</td>
</tr>
</tbody>
</table>

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 Software Support Handbook.

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

**Program technical support**

Technical support of a program product version or release will be available as described below as long as your Software Subscription and Support (also referred to as Software Maintenance) is in effect.

Effective with DataPower Gateway firmware V7.6, DataPower introduces a Continuous Delivery (CD) model to ensure quick response to client needs. DataPower CD will consist of two releases: a CD release approximately once per quarter, and a Long Term Support Release (LTSR) every two years. DataPower Gateway LTSR releases do not include an extended support period. Only the latest CD release is supported at a given time. LTSR releases are for those clients who need enhanced stability and do not wish to upgrade on the CD schedule, while CD releases are intended for those clients who need the latest in DataPower functionality.

This technical support allows you to obtain assistance (by telephone or electronic means) from IBM for product-specific, task-oriented questions regarding the installation and operation of the program product. Software Subscription and Support (Software Maintenance) also provides you with access to versions, releases, and updates (CD releases, LTSR releases or fixes) of the program. You will be
notified, through an announcement letter, of discontinuance of support with six months' notice.

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

**Money-back guarantee**

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

For clarification, note that (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(R) website.

**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 Software Support Handbook. 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 Software Support Handbook.

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.
IBM Operational Support Services - SoftwareXcel

No

System i Software Maintenance applies

No

Variable charges apply

No

Educational allowance available

Not applicable.

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.

IBM Global Financing

IBM Global Financing offers competitive financing to credit-qualified clients to assist them in acquiring IT solutions. Offerings include financing for IT acquisition, including hardware, software, and services, from both IBM and other manufacturers or vendors. Offerings (for all client segments: small, medium, and large enterprise), rates, terms, and availability can vary by country. Contact your local IBM Global Financing organization or go to the IBM Global Financing website for more information.

IBM Global Financing offerings are provided through IBM Credit LLC in the United States, and other IBM subsidiaries and divisions worldwide to qualified commercial and government clients. Rates are based on a client's credit rating, financing terms, offering type, equipment type, and options, and may vary by country. Other restrictions may apply. Rates and offerings are subject to change, extension, or withdrawal without notice.

Order now
To order, contact the IBM Digital Sales Center, your local IBM representative, or your IBM Business Partner. To identify your local IBM representative or IBM Business Partner, call 800-IBM-4YOU (426-4968). For more information, contact the IBM Digital Sales Center.

Phone: 800-IBM-CALL (426-2255)

Fax: 800-2IBM-FAX (242-6329)

For IBM representative: askibm@ca.ibm.com

For IBM Business Partner: pwcs@us.ibm.com

IBM Digital Sales Offices
1177 S Belt Line Rd
Coppell, TX 75019-4642, US

The IBM Digital Sales Center, our national direct marketing organization, can add your name to the mailing list for catalogs of IBM products.

**Note:** Shipments will begin after the planned availability date.

**IBM Channel Value Rewards**

This product is available under Channel Value Rewards (CVR), either directly from IBM or through authorized Business Partners who invest in skills and high-value solutions. IBM clients may benefit from the industry-specific or horizontal solutions, skills, and expertise provided by these Business Partners.

Additions to CVR will be communicated through standard product announcements. To determine what IBM software is available under CVR, see the IBM Passport Advantage Online for IBM Business Partners website.

For questions regarding CVR, see the IBM Channel Value Rewards website.

**Trademarks**

IBM, DataPower, IBM API Connect, Passport Advantage, Express, WebSphere and System i are registered trademarks of IBM Corporation in the United States, other countries, or both.

JavaScript is a trademark of Oracle in the U.S. and other countries.

Microsoft is a trademark of Microsoft Corporation in the United States, other countries, or both.

SoftLayer and CloudLayer are registered trademarks of SoftLayer, Inc., an IBM Company, an IBM Company.

Linux is a registered trademark of Linus Torvalds in the United States, other countries, or both.

VMWare is a trademark of VMware, Inc. in the U.S. and other countries.

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

**Terms of use**

IBM products and services which are announced and available in your country can be ordered under the applicable standard agreements, terms, conditions, and prices in effect at the time. IBM reserves the right to modify or withdraw this announcement at any time without notice. This announcement is provided for your information only. Additional terms of use are located at

Terms of use

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

IBM United States