

# IBM MQ Appliance M2003 offers additional processing capacity, next generation storage, with network support for speeds up to 100 Gb to help ensure network capabilities for the future, and improved network connectivity

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## Overview

IBM<sup>®</sup> MQ is trusted by enterprises worldwide because it provides assured message delivery, ensuring the right data arrives at the right place once, and that your business and customer data is protected from internal and external threats as it flows between applications. IBM MQ Appliance M2003 brings together next-generation hardware and market-leading MQ firmware, packed with the latest updates, to provide a more powerful and secure messaging solution.

MQ Appliance M2003 offers the following:

- Simple setup. Includes MQ firmware pre-installed on dedicated, secured hardware and has a UI optimized for ease of use so teams can get started rapidly.
- Improved performance. Handle high volume demand workloads through greater processor power, faster storage, and improved networking capacity, compared to previous IBM MQ Appliances.
- Ready to use high availability and disaster recovery (HA/DR). Easily create a highly available, resilient architecture for continued access to message data in the event of outages.
- Cost efficiency. Simplify your deployment and save on hardware and maintenance costs by eliminating the need for teams to spend time installing, patching, or maintaining complex, multi-stack environments.
- Data insights. Harness mission-critical data as it flows around the enterprise with streaming queues to power analytics and AI.
- Help protect against threats. Encrypt highly sensitive and valuable business data at all stages of its journey without writing complex code or modifying applications.

MQ Appliance M2003 includes the following new and enhanced hardware elements:

- Updated hardware
- Increased processor power with upgraded Intel Xeon<sup>™</sup> processors and more cores per appliance
- Faster storage with new non-volatile memory express (NVMe) solid state drives (SSDs)
- Improved network capacity with the addition of 100 Gb network connectivity

MQ Appliance 9.3 firmware is the follow-on continuous delivery (CD) release for MQ Appliance 9.2.5 firmware. MQ Appliance 9.3 firmware includes the features that were delivered in the CD releases of 9.2.1 to 9.2.5, along with some minor enhancements. MQ Appliance 9.3 firmware CD release is also a Long Term Support (LTS) release. For more information, see the [IBM MQ FAQ for Long Term Support and Continuous Delivery releases](#) web page.

MQ Appliance 9.3 firmware will not be available for MQ Appliance M2001. MQ Appliance 9.2 firmware security patches and fixes will continue to be available on MQ Appliance M2001 until the end of support of MQ Appliance M2001, scheduled for July 10, 2023. For more information, see Withdrawal Announcement [ZP18-0337](#), dated July 10, 2018.

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## Key requirements

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For information regarding MQ Appliance M2003, see the [IBM Support](#) website.

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## Planned availability date

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August 2, 2022

Availability within a country is subject to local legal requirements.

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## Description

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MQ Appliance M2003 is the latest evolution of MQ Appliance. MQ Appliance M2003 ships with hardware enhancements and many of the capabilities included in MQ 9.3.

MQ Appliance M2003 hardware enhancements

- Additional processing capacity
  - MQ Appliance M2003A has two processors that deliver a total of 32 cores, increased from a total of 24 cores in MQ Appliance M2002A.
  - MQ Appliance M2003B provides access to a total of 8 cores, increased from 6 cores in MQ Appliance M2002B.
  - MQ Appliance M2003A and M2003B both have 256 GB RAM, which is another enhancement over the 192 GB RAM included for M2002A and M2002B.
- Next generation storage, with faster access times:
  - MQ Appliance M2003A has 4 NVMe SSDs, each with 3.2 TB of storage, in a redundant array of independent disks (RAID). This provides access to approximately 6 TB of usable storage and replaces the 4 serial attached SCSI (SAS) SSDs in MQ Appliance M2002A.
  - MQ Appliance M2003B provides access to approximately 3 TB of usable storage.
- Enhanced network connectivity with two 100 Gb network ports for both MQ Appliance M2003A and MQ Appliance M2003B.

Organizations that purchase MQ Appliance M2003B can later purchase an additional license that unlocks the additional cores and the additional RAID storage capacity of MQ Appliance M2003A, without requiring a hardware change.

MQ Appliance 9.3 firmware enhancements

HA/DR:

- Synchronous disaster recovery. Replicate data synchronously between a pair of appliances to protect against data loss or inconsistency in the event of a disaster.

- Ad hoc recreation of a DR secondary node. Re-establish a DR appliance pair after a disaster has been resolved without recreating the DR configuration.
- HA failed resource action identification and resolution. Display and resolve HA failed resource actions using dedicated commands.
- MQ REST administration API enhancements. Query whether a queue manager is configured for HA, whether an HA floating IP address is configured, and whether the queue manager is configured for DR.

#### Security:

- Encrypted storage for queue manager data; optionally encrypt individual queue managers. Queue managers that are mirrored to a paired HA appliance can also benefit from encryption before transfer, providing enhanced security between appliances.
- Rename or validate a queue manager certificate. Improve management of queue manager certificates with two new commands that enable renaming of a certificate (`renamecert`) and validating a certificate trust chain (`validatecert`).

#### Ease of administration:

- A more consistent GUI provides greater consistency between the different parts of the GUI for a more instinctive experience.

MQ Appliance M2003 shares many of the benefits of MQ 9.3 and MQ 9.2.x CD cycle, such as Streaming Queues, Advanced Message Queuing Protocol (AMQP) enhancements, Managed File Transfer (MFT) updates, and more. MQ Appliance 9.3 firmware does not include Replicated Data Queue Manager (RDQM) and Native HA developments, because these are specific to MQ software deployments. Organizations can easily create an HA/DR architecture with MQ Appliance M2003, but the implementation differs from that of MQ software. For details, see Software Announcement [ZP22-0148](#), dated April 12, 2022.

MQ Appliance 9.3 firmware is currently only available for MQ Appliance M2003.

#### **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 Reports](#) website.

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## **Statement of general direction**

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IBM intends to provide MQ Appliance 9.3 firmware for MQ Appliance M2002.

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.

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## **Reference information**

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MQ Appliance M2003 is preloaded with MQ Appliance 9.3 firmware, which offers most of the capabilities of MQ 9.3. For details about the updates and enhancements in MQ 9.3, see Software Announcement [ZP22-0148](#), dated April 12, 2022.

Additional information regarding MQ 9.3 is located on the [IBM MQ Appliance](#) website.

For information on how to migrate to a new release, see [Migrating and consolidation](#) in IBM Documentation.

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## Program number

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| Program number  | VRM         | Program name           |
|---|-------------|------------------------|
| 5900-ALJ  | 9.3.0       | IBM MQ Appliance M2003 |
| Product name  | Part number | Machine type-model     |
| IBM MQ Appliance M2003A Appliance Install Appliance Subscription and Support 12 Months                          | D08EJZX     | 8496-54X               |
| IBM MQ Appliance M2003A for IBM Z <sup>(R)</sup> Appliance Install Appliance Subscription and Support 12 Months | D08EMZX     | 8496-54X               |
| IBM MQ Appliance M2003B Appliance Install Appliance Subscription and Support 12 Months                          | D08EYZX     | 8496-54X               |
| IBM MQ Appliance M2003B for IBM Z Appliance Install Appliance Subscription and Support 12 Months                | D08F1ZX     | 8496-54X               |

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## Offering Information

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

More information is also available on the [Passport Advantage<sup>\(R\)</sup> and Passport Advantage Express](#) website.

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## Publications

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MQ Appliance M2003 documentation is located in [IBM Documentation](#).

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## Services

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### 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<sup>(R)</sup> 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](mailto: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<sup>(R)</sup> and IBM Watson<sup>(R)</sup> 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<sup>(R)</sup> 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<sup>(R)</sup> for Security, IBM Security QRadar<sup>(R)</sup>/QRoC, IBM Security SOAR/Resilient<sup>(R)</sup>, IBM i2<sup>(R)</sup>, IBM Security Verify, IBM Security Guardium<sup>(R)</sup>, and IBM Security MaaS360<sup>(R)</sup>.

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

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

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## Technical information

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### Specified operating environment

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#### **Hardware requirements**

MQ Appliance M2003 requirements are located on the [System Requirements for IBM MQ](#) web page.

#### **Software requirements**

MQ Appliance M2003 requirements are located on the [System Requirements for IBM MQ](#) 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 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.

### Product technical information

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#### **Physical specifications**

##### **MQ Appliance M2003 (8496-54X)**

##### **Physical dimensions**

- Width: 482 mm (18.98 in.)
- Depth: 680 mm (26.77 in.)
- Height: 88 mm (3.46 in.)

##### **Weight**

| Product name       | Shipping weight (kg) | Shipping weight (lbs) |
|--------------------|----------------------|-----------------------|
| MQ Appliance M2003 | 30                   | 66.14                 |

##### **Product environment**

- Temperature:
  - Nonoperating: -20° to 60°C (-4° to 140°F)

- Recommended operating temperature: 10° to 25°C (50° to 95°F)
- Allowable operating temperature: 10° to 40°C (50 to 104°F)
- Operating voltage: 90 to 264 V AC, 1300 W power supply
- Operating frequency: 47 to 63 Hz +/- 3 Hz
- Maximum measured power consumption: 603.4 watts
- Thermal output: 2059 Btu/hour (maximum)
- Power-source loading: .616 kVa (maximum configuration)
- Maximum altitude: 2133 m (6,998 ft)

**Electromagnetic compatibility compliance**

- US: FCCFR47, Part 15, Class A
- Canada: ICES-003
- EU CE EN 55022, EN55024, EN55032, Class A, EN/IEC 61000-3, EN 62368-1
- Japan VCCI-CISPR 32 Class A

**Product safety compliance**

- US: EN 62368-1 editions 2 and 3
- Canada: CSA 22.2
- Europe: EN 62368-1 editions 2 and 3
- International: IEC 60950-1, IEC 62368-1 editions 2 and 3 (International Electrotechnical Commission, Safety Information)
- Nordic deviations to IEC 60950-1
- Taiwan BSMI CNS 14336-1, CNS 13438, CNS 15663
- Japan VCCI-CISPR32 Class A

**Security, auditability, and control**

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MQ Appliance M2003 uses the security and auditability features of the host hardware or 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](#) 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.

**MQ Appliance M2003 (5900-ALJ)**

MQ Appliance M2003 introduces the following part numbers:

| Part description   | Part number |
|--|-------------|
| IBM MQ Appliance M2003 On-site Hardware Service Assistance Appliance Install Initial Hardware Dedicated Service 3 Days | D08EAXX     |

| <b>Part description</b>   | <b>Part number</b> |
|---|--------------------|
| IBM MQ Appliance M2003 On-site Hardware Service Assistance Appliance Install Initial Hardware Dedicated Service 5 Days    | D08EEZX            |
| IBM MQ Appliance M2003A Appliance Install Appliance Subscription and Support 12 Months                                    | D08EJZX            |
| IBM MQ Appliance M2003A Appliance Install Appliance Maintenance Subscription and Support Reinstatement 12 Months          | D08EKZX            |
| IBM MQ Appliance M2003A Appliance Install Initial Appliance Business Critical Service Upgrade 12 Months                   | D08EPZX            |
| IBM MQ Appliance M2003A Appliance Install Initial Appliance Media Retention Service Upgrade 12 Months                     | D08ETZX            |
| IBM MQ Appliance M2003B Appliance Install Appliance Subscription and Support 12 Months                                    | D08EYZX            |
| IBM MQ Appliance M2003B Appliance Install Appliance Maintenance Subscription and Support Reinstatement 12 Months          | D08EZZX            |
| IBM MQ Appliance M2003B Appliance Install Initial Appliance Business Critical Service Upgrade 12 Months                   | D08F3ZX            |
| IBM MQ Appliance M2003B Appliance Install Initial Appliance Media Retention Service Upgrade 12 Months                     | D08F7ZX            |
| IBM MQ Appliance M2003B Additional Capacity Install License SW Subscription & Support 12 Months                           | D08FCZX            |
| IBM MQ Appliance M2003B Additional Capacity Install SW S&S REINSTATE 12 MO  | D08FDZX            |
| IBM MQ Appliance M2003 On-site Hardware Service Assistance Appliance Install Subsequent Hardware Dedicated Service 3 Days | E08EBZX            |
| IBM MQ Appliance M2003 On-site Hardware Service Assistance Appliance Install Subsequent Hardware Dedicated Service 5 Days | E08EFZX            |
| IBM MQ Appliance M2003A Appliance Install Annual Appliance Maintenance Subscription and Support Renewal                   | E08EIZX            |
| IBM MQ Appliance M2003A Appliance Install Subsequent Appliance Business Critical Service Upgrade 12 Months                | E08EQZX            |
| IBM MQ Appliance M2003A Appliance Install Subsequent Appliance Media Retention Service Upgrade 12 Months                  | E08EUZX            |
| IBM MQ Appliance M2003B Appliance Install Annual Appliance Maintenance Subscription and Support Renewal                   | E08EXZX            |
| IBM MQ Appliance M2003B Appliance Install Subsequent Appliance Business Critical Service Upgrade 12 Months                | E08F4ZX            |
| IBM MQ Appliance M2003B Appliance Install Subsequent Appliance Media Retention Service Upgrade 12 Months                  | E08F8ZX            |
| IBM MQ Appliance M2003B Additional Capacity Install Annual SW S&S Rnwl  | E08FBZX            |

**Cross-platform product for use on IBM Z**

**MQ Appliance M2003 (5900-ALJ)**



MQ Appliance M2003 introduces the following part numbers:

| <b>Part description</b>   | <b>Part number</b> |
|---|--------------------|
| IBM MQ Appliance M2003 On-site Hardware Service Assistance for IBM Z Appliance Install Initial Hardware Dedicated Service 3 Days    | D08ECZX            |
| IBM MQ Appliance M2003 On-site Hardware Service Assistance for IBM Z Appliance Install Initial Hardware Dedicated Service 5 Days    | D08EGZX            |
| IBM MQ Appliance M2003A for IBM Z Appliance Install Appliance Subscription and Support 12 Months                                    | D08EMZX            |
| IBM MQ Appliance M2003A for IBM Z Appliance Install Appliance Maintenance Subscription and Support Reinstatement 12 Months          | D08ENZX            |
| IBM MQ Appliance M2003A for IBM Z Appliance Install Initial Appliance Business Critical Service Upgrade 12 Months                   | D08ERZX            |
| IBM MQ Appliance M2003A for IBM Z Appliance Install Initial Appliance Media Retention Service Upgrade 12 Months                     | D08EVZX            |
| IBM MQ Appliance M2003B for IBM Z Appliance Install Appliance Subscription and Support 12 Months                                    | D08F1ZX            |
| IBM MQ Appliance M2003B for IBM Z Appliance Install Appliance Maintenance Subscription and Support Reinstatement 12 Months          | D08F2ZX            |
| IBM MQ Appliance M2003B for IBM Z Appliance Install Initial Appliance Business Critical Service Upgrade 12 Months                   | D08F5ZX            |
| IBM MQ Appliance M2003B for IBM Z Appliance Install Initial Appliance Media Retention Service Upgrade 12 Months                     | D08F9ZX            |
| IBM MQ Appliance M2003B Additional Capacity for IBM Z Install License SW Subscription & Support 12 Months                           | D08FFZX            |
| IBM MQ Appliance M2003B Additional Capacity for IBM Z Install SW S&S REINSTATE 12 MO  | D08FGZX            |
| IBM MQ Appliance M2003 On-site Hardware Service Assistance for IBM Z Appliance Install Subsequent Hardware Dedicated Service 3 Days | E08EDZX            |
| IBM MQ Appliance M2003 On-site Hardware Service Assistance for IBM Z Appliance Install Subsequent Hardware Dedicated Service 5 Days | E08EHZX            |
| IBM MQ Appliance M2003A for IBM Z Appliance Install Annual Appliance Maintenance Subscription and Support Renewal                   | E08ELZX            |
| IBM MQ Appliance M2003A for IBM Z Appliance Install Subsequent Appliance Business Critical Service Upgrade 12 Months                | E08ESZX            |
| IBM MQ Appliance M2003A for IBM Z Appliance Install Subsequent Appliance Media Retention Service Upgrade 12 Months                  | E08EWZX            |
| IBM MQ Appliance M2003B for IBM Z Appliance Install Annual Appliance Maintenance Subscription and Support Renewal                   | E08F0ZX            |

| Part description   | Part number |
|--|-------------|
| IBM MQ Appliance M2003B for IBM Z Appliance Install Subsequent Appliance Business Critical Service Upgrade 12 Months | E08F6ZX     |
| IBM MQ Appliance M2003B for IBM Z Appliance Install Subsequent Appliance Media Retention Service Upgrade 12 Months   | E08FAZX     |
| IBM MQ Appliance M2003B Additional Capacity for IBM Z Install Annual SW S&S Rnwl                                     | E08FEZX     |

### Charge metric

Charge metric information can be found in the corresponding License Information document.

| Program number | License Information document title | License Information document number |
|----------------|------------------------------------|-------------------------------------|
| 5900-ALJ       | IBM MQ Appliance M2003             | <a href="#">L-APIG-CAUF3M</a>       |

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 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

Consult the [IBM Appliance Support Guide](#) for details about appliance support and warranty service upgrade options.

### Program technical support

#### MQ Appliance M2003

Clients may elect to purchase optional support services, including Appliance Business Critical Support and Hard Drive Retention.

Appliance Business Critical Support. Whereas standard support includes assistance with appliance hardware issues during normal business hours, Appliance Business Critical Support provides 24x7 onsite service with a response objective of four hours from the time a hardware issue is identified

Media Retention Service. Appliance hardware support requires all replaced parts be returned to IBM. The Media Retention Service option allows you to keep hard drives that have been replaced by IBM Hardware Support.

Consult the IBM Appliance Support Handbook for further details about Appliance Warranty Service Upgrade options.

### **MQ Appliance M2003 firmware support**

MQ Appliance 9.3 firmware follows the terms and conditions of the CD Support Lifecycle Policy model. Defect support for a CD release is available for 12 months from the availability of the release or while it remains one of the two most recent CD releases, whichever is longer.

MQ Appliance 9.3 firmware is a LTS release and provides predictable support through iFixes and fixpacks for a minimum period of three years from the planned availability date.

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

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 and publications. Program services support also provides you with access to versions, releases, and updates (CD Releases, Long Term Support Releases (LTSRs), or fixes) of the program. 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.

IBM will provide 12 months notice prior to support discontinuance.

### **License Information number**

| <b>Program number</b> | <b>License Information document title</b> | <b>License Information document number</b> |
|-----------------------|---|--|
| 5900-ALJ              | IBM MQ Appliance M2003                    | <a href="#">L-APIG-CAUF3M</a>              |

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 support**

Subscription and Support includes telephone assistance, as well as access to updates, releases, and versions of the program as long as support is in effect. You will be notified of discontinuance of support with 12 months' notice.

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**Volume orders (IVO)**

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No

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**Passport Advantage applies**

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

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**Usage restrictions**

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

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**Appliance Maintenance, Software Subscription and Support applies**

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Yes. Appliance Maintenance, Software Subscription and Support, also referred to as Appliance Service and Support, 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.

Included is one year of Appliance Maintenance and Software Subscription and Support for each of the appliances and software licenses acquired. The initial period be extended by the purchase of a renewal option, if available.

For additional information about appliance services, consult the [Appliance Services Attachments to Passport Advantage](#) website.

Consult the [IBM Appliance Support Guide](#) website for further details about Appliance support and Warranty Service Upgrade options.

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**Variable charges apply**

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No

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**Educational allowance available**

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Education allowance does not apply. Education software allowance does not apply. Special education prices are available for qualified clients through Passport Advantage.

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**Statement of good security practices**

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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.

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## Prices

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For all local charges, contact your local IBM representative or IBM Business Partner.

### Business Partner information

If you are an IBM Business Partner acquiring products from IBM, you may link to Passport Advantage Online for resellers where you can obtain Business Partner pricing information. An IBMid and password are required to access the [IBM Passport Advantage](#) or [IBM PartnerWorld<sup>\(R\)</sup>](#) website.

### Passport Advantage

For Passport Advantage information and charges, contact your IBM representative or IBM Business Partner. Additional information is also available on the [Passport Advantage and Passport Advantage Express](#) website.

### IBM Global Financing

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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.

Financing from IBM Global Financing helps you preserve cash and credit lines, enables more technology acquisition within current budget limits, can help accelerate implementation of economically attractive new technologies, offers payment and term flexibility, and can help match project costs to projected benefits. Financing is available worldwide for credit-qualified clients.

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## Regional availability

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**Europe:** Andorra, Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, French Guiana, French Polynesia, Germany, Gibraltar, Greece, Guadeloupe, Holy See (Vatican City State), Hungary, Ireland, Israel, Italy, Latvia, Liechtenstein, Lithuania, Luxembourg, Martinique, Monaco, Netherlands, Norway, Poland, Portugal, Reunion, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Ukraine, and United Kingdom

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