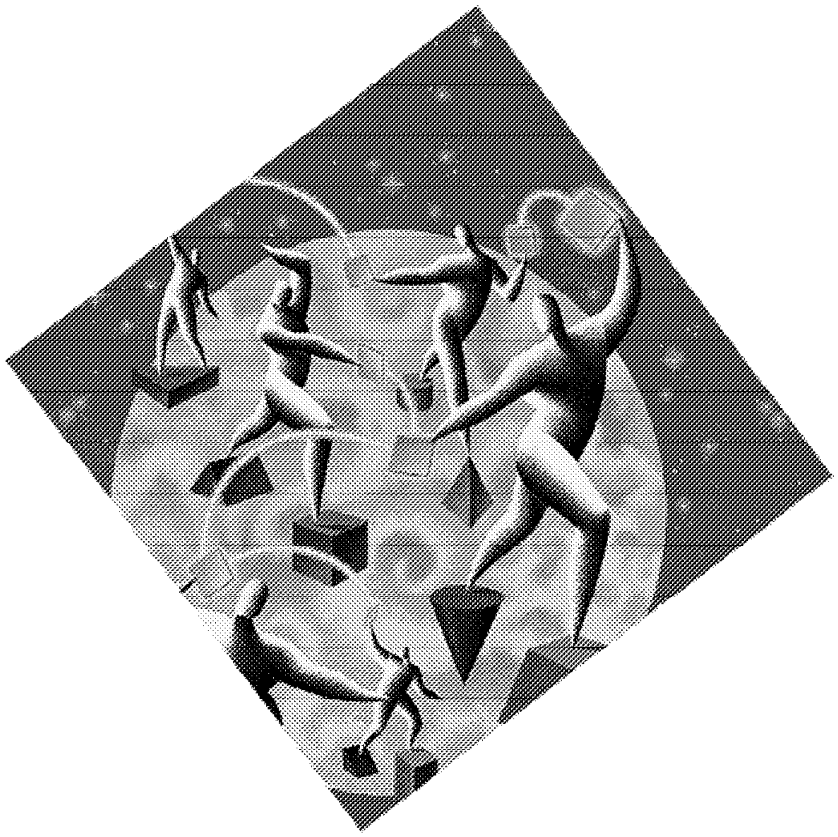
IBM

MQSeries for SunOS

Version 2 Release 2



MQSeries products enable business applications to exchange information across different operating-system platforms by sending and receiving data as messages. MQSeries, via the Message Queue Interface (MQI), takes care of network interfaces, assures delivery of messages, deals with communication protocols, and handles recovery after system problems. Your programmers can use their skills to handle your business requirements, rather than to solve the underlying complexities of the network.

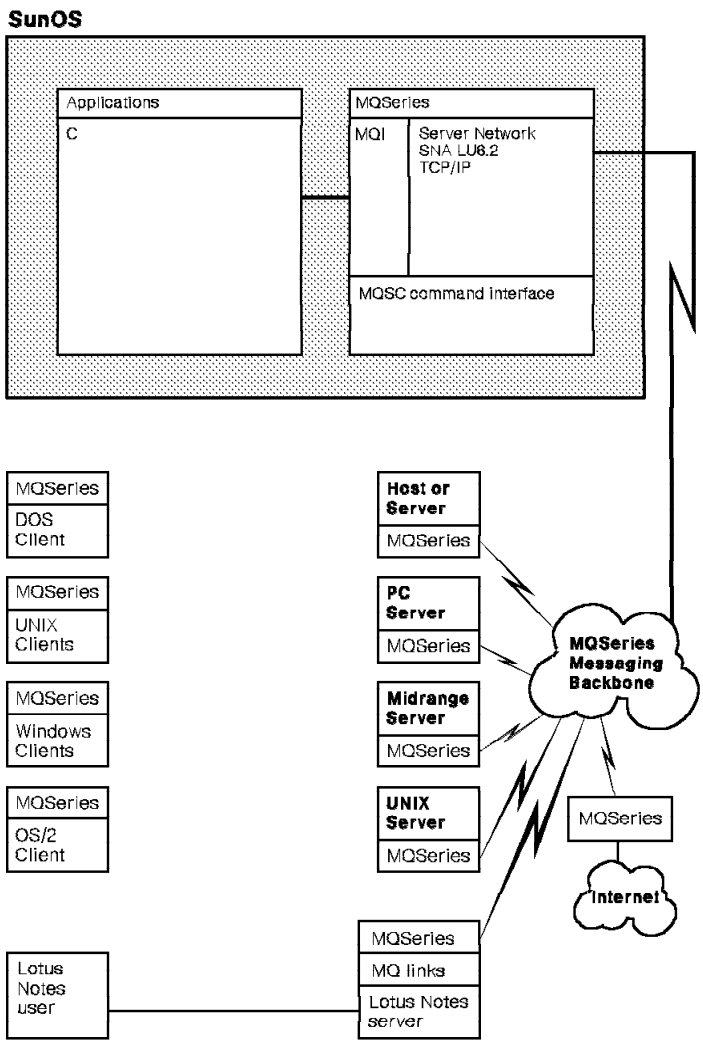
A building block for distributed processing

MQSeries provides a single, multi-platform application programming interface (the MQI). A key factor is time-independent processing: you know that your message will be dealt with even if one of the recipients is temporarily unavailable. MQSeries can be used as a mail transport offering the additional benefits of assured delivery of messages and transactional recovery. It can improve your application efficiency and protect the integrity of your business data.

MQSeries products provide the Messaging and Queuing component of the IBM Open Blueprint.

Highlights of this MQSeries product are:

- Enhances the SunOS platform to the MQSeries Version 2 level of function.
- Protects the integrity of your data by ensuring that it is delivered only once and not lost through system or network failure.
- Allows the freedom and flexibility of the UNIX world to be united with the control and discipline of the host and mid-range environments.
- Delivers SunOS, OS/2, DOS, and Windows 3.1 clients; supports other MQSeries clients (available via the Internet).
- Can be used within the UNIX environment as a general-purpose queuing system for process-to-process communication via recoverable queues.
- Supports TCP/IP and SNA LU6.2 communications.



Program name

The formal name of this product is **IBM MQSeries for SunOS**, Version 2.2. Part number: **83H8551**.

Hardware requirements

Sun SPARC system to include minimum free system disk space of 25MB.

Connectivity
Any communications hardware supporting SNA LU6.2 and/or TCP/IP.

Software requirements

Software requirements are identical for server and client environments unless otherwise stated. Minimum supported software levels are shown. Later levels, if any, will be supported unless otherwise stated.

- SunOS UNIX Version 4.1.3, or later Version 4.x, to include TCP/IP

  We recommend that you install all relevant Sun patches to the base operating system. See the *MQSeries for SunOS System Management Guide* and install the latest levels of each of the Sun-provided patches.

MQSeries Clients
Client code for SunOS, OS/2, DOS, and Windows 3.1 workstations is distributed with the MQSeries for SunOS server code.

Connectivity

- For SNA connectivity:
  - SunLink SNA Peer-to-Peer Version 7.0 (to include Sun patch 100916), or later Version 7.x
  - With Token Ring: SunLink Token Ring Interface/SBUS 2.1 including Sun patch 101260

  Note: Install the latest levels of each of the Sun-provided patches.
- TCP/IP as part of the base operating system

Options

- External Transaction Processing monitors (coordination is via X/Open XA interface)
  - For example, Tuxedo Version 5.0

Supported programming languages and compilers for application development

- SPARCompiler C Version 3.0.1
- Micro Focus COBOL Version 3.0

For further information

For more information about MQSeries, contact your IBM marketing representative or see the MQSeries Internet home page:

http://www.hursley.ibm.com/mqseries/

For the MQSeries newsletter, e-mail the editor at:

mqeditor@vnet.ibm.com

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Did you know ...?

... that MQSeries was voted Best Middleware product at the April 1996 Network Computing “Well-Connected” awards ceremony.

Don’t just take our word for it - see for yourself!

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