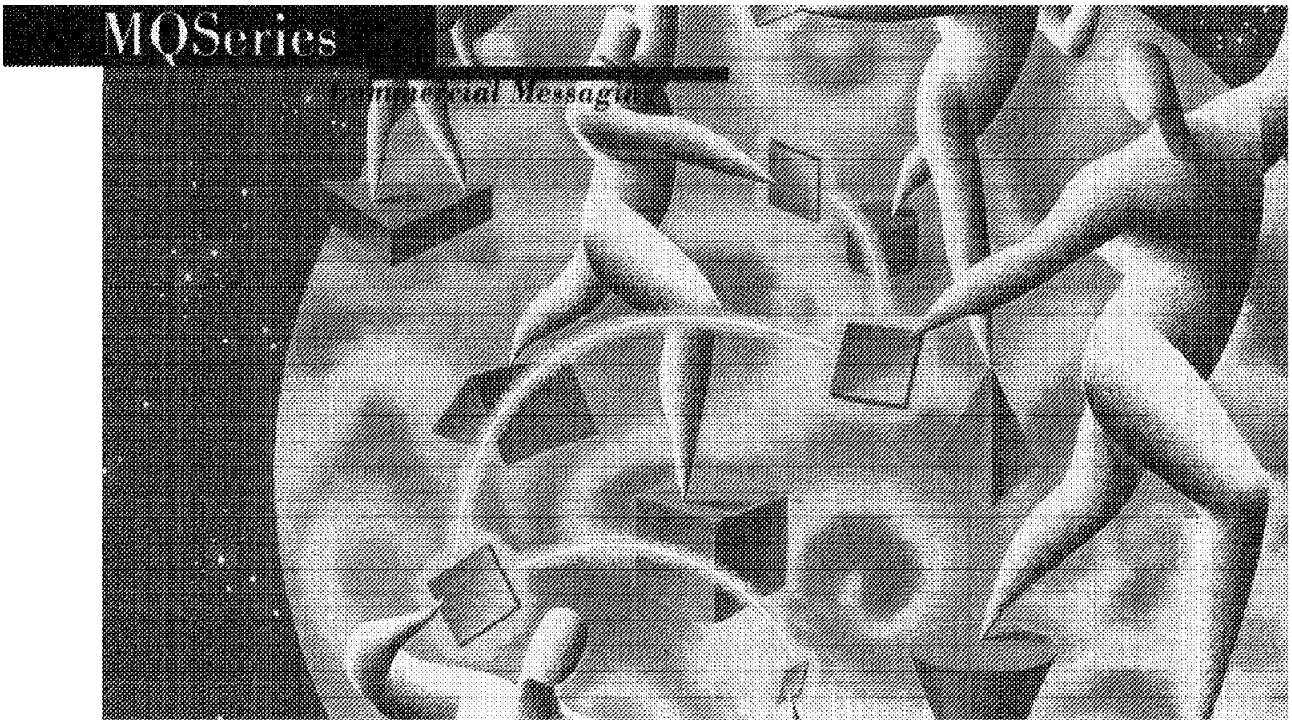
IBM

MQSeries
For Tandem NonStop Kernel

Version 1 Release 5



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 communications protocols, and handles recovery after system problems. Programmers can use their skills to handle your business requirements, rather than to solve the underlying complexities of your network.

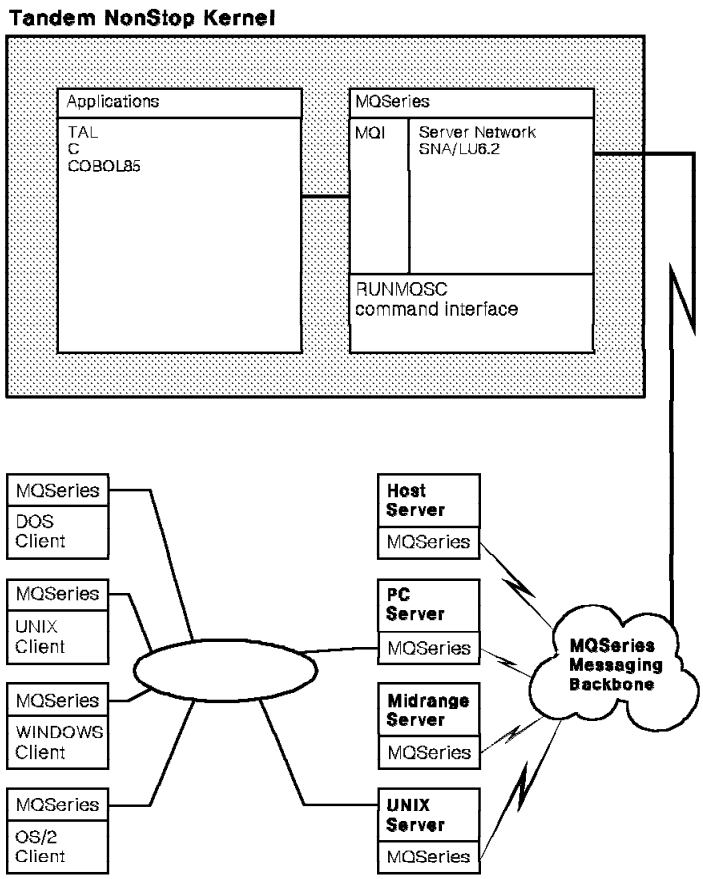
A building block for distributed processing

MQSeries provides a single, multi-platform application programming interface (the MQI). A key factor is the time-independent processing - you know that your message will be dealt with even if one of the recipients is temporarily unavailable. MQSeries protects the integrity of your business data when it is sent across networks.

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

Highlights of this MQSeries product are:

- Can be used within the Tandem NonStop environment as a general-purpose system for program-to-program communication via recoverable queues
- Provides for interoperation between Tandem NonStop platforms and computing environments such as IBM MVS/ESA, IBM OS/400, IBM OS/2, IBM AIX/6000, Digital VMS VAX, and UNIX-based systems
- Allows messages to be purged online and channels to be created and changed online while the product continues in operation
- Supports MQSeries application programs written in the Tandem COBOL85 language
- Supports the RUNMQSC command line interface
- Supports SNA LU6.2 communications



Program name

The formal name of this product is **IBM MQSeries for Tandem NonStop Kernel**, Version 1 Release 5. Part number: **63H9326**.

Hardware requirements

- With D20 operating system:
  - Tandem NonStop Himalaya machines, including K110, K120, K1000, and K10000
  - Tandem NonStop machines, including CLX700, CLX800, CLX/R1100, CLX/R1200, Cyclone, and Cyclone/R
- With D30 operating system:
  - Tandem NonStop Himalaya machines, including K110, K120, K1000, and K10000
  - Tandem NonStop machines, including K200, K2000, and K20000

The machines identified above require:

- Minimum system memory=16MB
- Minimum system disk space=8MB + Size of Queues
- Appropriate synchronous communications adapter to support SNAX/XF

Software requirements

Minimum supported levels are shown. Later levels, if any, will be supported unless otherwise stated.

- With D20 operating system:
  - NonStop Kernel Guardian 90 D20.02 (or later D20.xx), with TMF, ENSCRIBE, and EMS
  - PATHWAY
  - SNAX/APC for D20 Release 3
  - SNAX/XF, or SNAX/CDF, or both, to match SNAX/APC
- With D30 operating system:
  - NonStop Kernel Guardian 90 D30.02 (or later D30.xx), with TM/MP(TMF), ENSCRIBE, and EMS
  - TS/MP(PATHWAY)
  - SNAX/APC for D30 Release 3
  - SNAX/XF, or SNAX/CDF, or both, to match SNAX/APC

Supported languages

- For D20 operating system
  - TAL (T9250D20)
  - C (T9255D20)
  - COBOL85 (T9257D20)
- For D30 operating system
  - TAL (T9250D30)
  - C (T9255D30)
  - COBOL85 (T9257D30)

For further information

For more information about this MQSeries product, please contact your IBM marketing representative.

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