MQSeries Family Certification Roadmaps

Professional Certification Program from IBM

In today's ever-changing business environment, it's essential to keep pace with complex technologies and products. Most businesses are looking for complete solutions rather than tactical efforts. The Professional Certification Program from IBM offers a business solution for skilled technical professionals seeking to demonstrate their expertise to the world.

The program is designed to validate your skills and demonstrate your proficiency in the latest IBM technology and solutions. In addition, professional certification may help you excel at your job by giving you and your employer confidence that your skills have been tested. You may be able to deliver higher levels of service and technical expertise than noncertified employees and move on a faster career track. Professional certification puts your career in your control.

The Professional Certification Program from IBM has developed new certification role names and roadmaps to guide you in your professional development. These include IBM Certified Specialist, IBM Certified Developer Associate, IBM Certified Developer, IBM Certified Systems Expert, IBM Certified Solutions Expert, IBM Certified Instructor, and IBM Certified Advanced Technical Expert.

Whether you are a network administrator, systems integrator, network integrator, solution architect, value-added reseller, technical coordinator, sales representative or an educational trainer, you can start charting your course through the Professional Certification Program today!

For more information, visit our web site—http://www.ibm.com/certify

IBM education courses are recommended but not required to take certification exams.

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The information contained in this document was current at the time of printing. Current information is at http://www.ibm.com/certify

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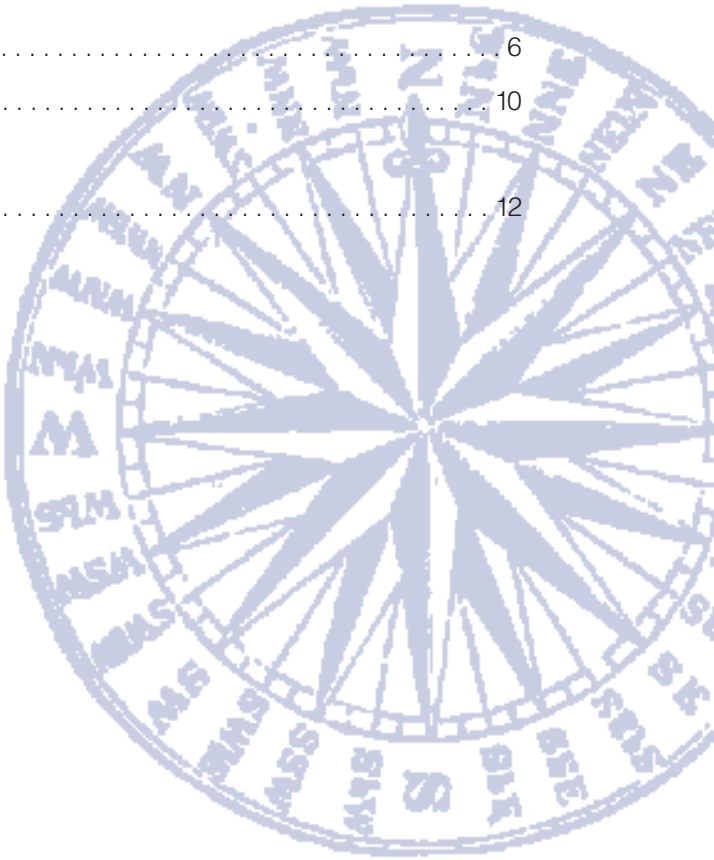

These certification roles are designed for professionals who provide installation, configuration and problem determination for MQSeries or MQSeries Integrator, or who provide systems planning and design for software solutions based on MQSeries or MQSeries Integrator, or who do application design for solutions based on MQSeries.

IBM Certified Specialist MQSeries

Specialist

Certification Requirement: 1 Test

Role Description:

IBM Certified Specialist - MQSeries: If you have practical experience with MQSeries such as installation, configuration and problem determination, you may benefit from this certification role.

Recommended Prerequisites:

- Attend A Technical Introduction to MQSeries, or MQSeries: A Technical Introduction (CBT), and MQSeries System Administration (refer to Education section)
- Practical experience using MQSeries, which should include installation, configuration and problem determination. You should be able to:
  - install MQSeries on two systems
  - connect queues on the two systems using both sender/receiver and requester/server methods
  - send messages back and forth
- Knowledge of basic communications (TCP/IP, SNA, etc.)
- Skills in networking, client/server and IBM and non-IBM platforms
- Familiarity with MQSeries publications and manuals (refer to Publication section)

Core Requirement (1 Test):

Test 095

MQSeries Installation and Configuration

NOTE: This new test and role name (revised April, 1997) replace IBM Certified MQSeries Engineer at an equivalent level. IBM Certified MQSeries Engineers need not take this new test.

Benefits:

- *Certificate*
- *Wallet-size certificate*
- *Lapel pin*
- *Certification logo*

The information contained in this roadmap (as well as test objectives and sample tests) is available from our website – http://www.ibm.com/certify

IBM Certified Solutions Expert MQSeries

Solutions Expert

Certification Requirement: 1 Test

Role Description:

IBM Certified Solutions Expert - MQSeries: If you are responsible for planning and architecting software solutions and designing applications based on MQSeries, you may benefit from this certification.

Recommended Prerequisites:

- Attend A Technical Introduction to MQSeries, or MQSeries: A Technical Introduction (CBT), MQSeries Application Programming, MQSeries Connections for Domino, and the MQSeries Advanced System Design and Connections courses (refer to Education section)
- Knowledge of the functions of MQSeries
- Practical experience with transaction management and database products
- Experience in implementing systems management
- Experience in prototyping Information Technology solutions
- Knowledge and experience of basic programming concepts
- Knowledge and experience of data communications and networking
- Knowledge of Information Technology security concepts
- Ability to gather business requirements and to translate those requirements to Information Technology solutions
- Skills in implementing systems on multiple computing platforms
- Familiarity with MQSeries publications and manuals (refer to Publications section)

Core Requirement (1 Test):

Test 096

MQSeries System Planning and Design

Benefits:

- *Certificate*
- *Wallet-size certificate*
- *Lapel pin*
- *Certification logo*

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IBM Certified Developer MQSeries

Developer

Certification Requirement: 1 Test

Role Description:

IBM Certifed Developer - MQSeries: If you are responsible for designing, coding and implementing software using MQSeries, you may benefit from this certification role.

Recommended Prerequisites:

- Attend A Technical Introduction to MQSeries, or MQSeries: A Technical Introduction (CBT), MQSeries Application Programming, and MQSeries Application Design (refer to Education section).
- 2 to 3 months experience, reinforcing the skills learned by designing and writing business applications using MQSeries
- Additional experience and skills in related areas such as transition monitors, databases, Lotus Notes, SAP, Web servers, object request brokers and message brokers is beneficial.
- Ability to translate an external design into an internal design
- Distributed application design concepts
- Skill in implementing software across multiple platforms
- Knowledge and experience of transaction management and commit coordination
- Knowledge of basic MQSeries functions and facilities
- Experience and expertise in one or more MQSeries-supported programming languages
- Familiarity with MQSeries publications and manuals (refer to Publications section)

Core Requirement (1 Test):

Test 097

MQSeries Application Design

Benefits:

- *Certificate*
- *Wallet-size certificate*
- *Lapel pin*
- *Certification logo*

The information contained in this roadmap (as well as test objectives and sample tests) is available from our website – http://www.ibm.com/certify

IBM Certified Specialist MQSeries Integrator

Specialist

Certification Requirement: 2 Tests

Role Description:

IBM Certified Specialist - MQSeries Integrator:
- Plans for the installation of MQSeries Integrator and MQ Series
- Installs and configures MQSeries Integrator and MQSeries, and runs IVPs
- Implements predefined rules and formats (excluding the coding of user exits)
- Administers MQSeries Integrator, and uses all MQSeries Integrator utilities
- Performs problem determination for set-up problems
- Is generally self-sufficient, and performs the tasks involved with limited assistance from peers, product documentation and vendor support services.

Recommended Prerequisites:

- Attendance at the MQSeries Integrator Introduction and Set-up, MQSeries Integrator Advanced Formatter and Rules, and MQSeries Integrator API education courses.
- Practical experience using MQSeries and MQSeries Integrator, which should include installation, configuration, and problem determination for both products.
- General platform knowledge for UNIX (AIX, HP-UX, Sun Solaris) and OS/390
- More detailed platform knowledge for Windows NT
- Relational database fundamentals such as Client connectivity, Database administration, SQL basic knowledge
- Basic scripting skill
- Familiarity with MQSeries and MQSeries Integrator publications

Core Requirement (2 Tests):

Test 095

MQSeries Installation and Configuration

Test 098

MQSeries Integrator Installation and Configuration

Benefits:

- *Certificate*
- *Wallet-size certificate*
- *Lapel pin*
- *Certification logo*

The information contained in this roadmap (as well as test objectives and sample tests) is available from our website – http://www.ibm.com/certify

IBM Certified Solutions Expert MQSeries Integrator

Specialist

Certification Requirement: 2 Tests

Role Description:

IBM Certified Solutions Expert - MQSeries Integrator:

- Is responsible for architecting, planning, designing, implementing and deploying MQSeries Integrator business solutions.
- Is generally self-sufficient, and performs the tasks involved with limited assistance from peers, product documentation and vendor support services.

Required Prerequisites:

- Attendance at the MQSeries Integrator Introduction and Set-up, MQSeries Integrator Advanced Formatter and Rules, and MQSeries Integrator API education courses.
- Practical experience using MQSeries and MQSeries Integrator, which should include architecting, planning, designing, implementing and deploying for both products.
- General platform knowledge for UNIX (AIX, HP-UX, Sun Solaris) and OS/390
- More detailed platform knowledge for Windows NT
- The following knowledge, skills and experience:
  - MQSeries and MQSeries Integrator functions
  - Data Communications and Networking
  - Proto-typing Information Technology Solutions
  - Basic Programming Concepts
  - Information Technology Security Concepts
  - Practical experience with Transaction Management and Database products
  - System Management Implemetation Experience
  - Ability to gather Business Requirements and translate them into EAI or Business Integrations Solutions
  - Familiarity with Industry Standard data formats such as XML, Swift, EDI and IDOC
  - Knowledge of Industry Standard terminology
- Familiarity with MQSeries and MQSeries Integrator publications

Core Requirement (2 Tests):

Test 096

MQSeries System Planning and Design

Test 099

MQSeries Integrator System Planning and Design

Benefits:

- *Certificate*
- *Wallet-size certificate*
- *Lapel pin*
- *Certification logo*

The information contained in this roadmap (as well as test objectives and sample tests) is available from our website – http://www.ibm.com/certify

Courses for MQSeries Certifications

Experience is essential for successful completion of certification exams. Education is not required, although the following courses may be useful in your exam preparation.

- *To register for courses or to request course objectives, call IBM Learning Services.*
- *Information is also available from the IBM Learning Services home page – http://www.ibm.com/services/learning/*
- *Specific education programs and promotions may be available for IBM Business Partners. Call your business partner program for more information.*

Test Number	Course Title*	Duration*	Course No.*
Test 095	**A Technical Introduction to MQSeries** This course covers the principles and concepts of MQSeries and the basic function provided by the queue managers.	1 Day	**MQ01 (WW)** **MQ010 (US)**
	or		
	MQSeries: A Technical Introduction (CBT) This course covers the principles and concepts of MQSeries and the basic function provided by the queue managers.	6 Hours	**MQ82 (WW)** **MQ82C (US)**
	AND		
	MQSeries System Administration This course covers the following: integration on a variety of IBM and non-IBM platforms, installation and configuration of a queue manager, writing programs that exploit the Message Queue Interface (MQI), configuration of network queue managers and MQI clients, tasks performed to manage a network of queue managers and their resources, and exploiting tools that assist in problem determination. Available for the following platforms: Windows NT, AIX, AS/400, Sun Solaris.	3 Days	**MQ15 (WW)**
	or		
	MQSeries System Administration (CBT) Learn basic skills of installation and customizing a queue manager and configuring a network of queue managers.	12 Hours	**MQ84 (WW)** **MQ84C (NA)**
	ALSO USEFUL:		
	MQSeries Application Programming Through lecture and hands-on labs, this course teaches how to use the Message Queue Interface (MQI). Available for the following platforms: Windows NT, AIX, AS/400, Sun Solaris.	3 Days	**MQ05 (WW)**
	or		
	MQSeries Application Programming (CBT) Learn basic skills of designing and writing business programs in COBOL or C using Message Queue Interface (MQI).	16 Hours	**MQ83 (WW)** **MQ83C (NA)**
	MQSeries Connections for Domino Through lectures and hands-on labs, this course teaches you how to utilize the links that exist between MQSeries and Lotus Notes: * MQSeries Link For Lotus Notes * MQSeries Link Extra for Lotus Notes * MQSeries Link LotusScript Extension (MQLSX)	2 Days	**MQ07 (WW)**
	MQSeries for OS/390 System Administration This course teaches how to install, operate and administer MQSeries for OS/390 systems. It covers configuration, day-to-day administration, recovering from problems, and managing security and performance. You should have a general understanding of the operation of an OS/390 system and an understanding of MQSeries (which can be obtained by attending the MQSeries System Administration course) before attending this course.	3 Days	**MQ20 (WW)** **MQ200 (US)**
	MQSeries Specialist Certification Preparation Workshop This course prepares you for the MQSeries certification test - Test 095 - MQSeries Installation and Configuration. It is recommended that you should have completed the MQSeries Technical Introduction and MQSeries System Administration courses, and have 2 to 3 months experience installing and configuring MQSeries.	2 Days	**MQ52 (WW)** **MQ521 (US)**

NA = North America US = United States WW = Worldwide

(*) The course titles, durations and course numbers quoted here may vary by country. For worldwide equivalencies, refer to the IBM Learning Services Internet home page - http://www.ibm.com/services/learning/ - and search for by specific country.

Note: Course availability is subject to change. Class attendance does not guarantee that the candidate will pass certification testing. IBM courses are recommended but not required to take certification exams.

Test Number	Course Title*	Duration*	Course No.*
Test 096	**A Technical Introduction to MQSeries** This course covers the principles and concepts of MQSeries and the basic function provided by the queue managers.	1 Day	**MQ01 (WW)** **MQ010 (US)**
	or		
	MQSeries: A Technical Introduction (CBT) - See Test 095 for details.		
	AND		
	MQSeries Application Programming Through lecture and hands-on labs, this course teaches how to use the Message Queue Interface (MQI).	3 Days	**MQ05 (WW)**
	or		
	MQSeries Application Programming (CBT)- See Test 095 for details.		
	AND		
	MQSeries Connections for Domino Through lectures and hands-on labs, this course teaches you how to utilize the links that exist between MQSeries and Lotus Notes: * MQSeries Link For Lotus Notes * MQSeries Link Extra for Lotus Notes * MQSeries Link LotusScript Extension (MQLSX)	2 Days	**MQ07 (WW)** **MQ070 (NA)**
	AND		
	MQSeries Advanced System Administration This course is for experienced MQSeries system designers who want to learn more advanced techniques for configuring and implementing MQSeries. The course applies to all MQSeries platforms, and teaches how to: * Design, configure and implement more complex MQSeries systems * Exploit MQSeries advanced facilities. **(This course is not suitable for beginners)**	3 Days	**MQ30 (WW)** **MQ303 (US)**
	ALSO USEFUL:		
	MQSeries Solutions Expert Certification Preparation Workshop This course prepares you for the MQSeries certification test - Test 096 - MQSeries System Planning and Design. It is recommended that you should have completed the MQSeries Technical Introduction, MQSeries Application Programming, MQSeries Connections for Domino, MQSeries System Administration and MQSeries Advanced System Administration courses, and have at least 3 months experience doing system planning and design involving MQSeries.	2 Days	**MQ53 (WW)** **MQ531 (US)**
	MQSeries System Administration This course covers the following: integration on a variety of IBM and non-IBM platforms, installation and configuration of a queue manager, writing programs that exploit the Message Queue Interface (MQI), configuration of network queue managers and MQI clients, tasks performed to manage a network of queue managers and their resources, and exporting tools that assist in problem determination.	3 Days	**MQ15 (WW)**
	or		
	MQSeries System Administration (CBT)- See Test 095 for details.		
	MQSeries for OS/390 System Administration This course teaches how to install, operate and administer MQSeries for OS/390 systems. It covers configuration, day-to-day administration, recovering from problems, and managing security and performance. You should have a general understanding of the operation of an OS/390 system and an understanding of MQSeries (which can be obtained by attending the MQSeries System Administration course).	3 Days	**MQ20 (WW)** **MQ200 (US)**
	MQSeries Solutions Expert Certification Preparation Workshop This course prepares you for the MQSeries certification test - Test 096 - MQSeries System Planning and Design. It is recommended that you should have completed the MQSeries Technical Introduction, MQSeries Application Programming, MQSeries Connections for Domino, MQSeries System Administration and MQSeries Advanced System Administration courses, and have at least 3 months experience doing system and design involving MQSeries.	2 Days	**MQ53 (WW)** **MQ531 (US)**

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Test Number	Course Title*	Duration*	Course No.*
Test 097	**A Technical Introduction to MQSeries** This course covers the principles and concepts of MQSeries and the basic function provided by the queue managers.	1 Day	**MQ01 (WW)** **MQ010 (US)**
	or		
	MQSeries: A Technical Introduction (CBT) - See Test 095 for details.		
	AND		
	MQSeries Application Programming Through lecture and hands-on labs, this course teaches how to use the Message Queue Interface (MQI). Available for the following platforms: Windows NT, AIX, AS/400, Sun Solaris.	3 Days	**MQ05 (WW)**
	or		
	MQSeries Application Programming (CBT)- See Test 095 for details.		
	AND		
	MQSeries Application Design This course prepares experienced application designers to implement designs using the messaging and queuing facilities of MQSeries. Students will be exposed to solutions requiring the use of MQSeries and will learn the dependencies between the various MQSeries products as well as interfaces with complementary products and technologies and how to integrate them to build a solution.	2.5 Days	**MQ70 (WW)**
	ALSO USEFUL:		
	MQSeries Developer Certification Preparation Workshop This course prepares you for the MQSeries certification test - Test 097 - MQSeries Application Design. It is recommended that you should have completed the MQSeries Technical Introduction, MQSeries Application Programming and MQSeries Application Design courses, and have at least 3 months experience doing Application design involving MQSeries.	2 Days	**MQ54 (WW)** **MQ541 (US)**
	MQSeries System Administration This course covers the following: integration on a variety of IBM and non-IBM platforms, installation and configuration of a queue manager, writing programs that exploit the Message Queue Interface (MQI), configuration of network queue managers and MQI clients, tasks performed to manage a network of queue managers and their resources, and exploiting tools that assist in problem determination. Available for the following platforms: Windows NT, AIX, AS/400, Sun Solaris.	3 Days	**MQ15 (WW)**
	or		
	MQSeries System Administration (CBT)- See Test 095 for details.		
	MQSeries for OS/390 System Administration This course teaches how to install, operate and administer MQSeries for OS/390 systems. It covers configuration, day-to-day administration, recovering from problems, and managing security and performance. You should have a general understanding of the operation of an OS/390 system and an understanding of MQSeries (which can be obtained by attending the MQSeries System Administration course) before attending this course.	3 Days	**MQ20 (WW)** **MQ200 (US)**
	MQSeries Connections for Domino Through lectures and hands-on labs, this course teaches you how to utilize the links that exist between MQSeries and Lotus Notes: * MQSeries Link For Lotus Notes * MQSeries Link Extra for Lotus Notes * MQSeries Link LotusScript Extension (MQLSX)	2 Days	**MQ07 (WW)** **MQ070 (US)**
	MQSeries Developer Certification Preparation Workshop This course prepares you for the MQSeries certification test - Test 097 - MQSeries Application Design. It is recommended that you should have completed the MQSeries Technical Introduction, MQSeries Application Programming and MQSeries Application Design courses, and have at least 3 months experience doing Application design involving MQSeries.	2 Days	**MQ54 (WW)** **MQ541 (US)**

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Courses for MQSeries Integrator Certifications

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- *Information is also available from the IBM Learning Services home page – http://www.ibm.com/services/learning/*
- *Specific education programs and promotions may be available for IBM Business Partners. Call your business partner program for more information.*

Test Number	***Course Title****	***Duration****	***Course No.****
Test 098 and 099	**MQSeries Integrator Introduction and Set-up** This course provides an introduction to the workings of MQSeries Integrator and a product overview to familiarize you with messaging concepts. It reviews the installation process as well as some of the tools and utilities available to help manage MQSeries Integrator, providing the knowledge necessary to set up and administer MQSeries Integrator components. It also covers the Formatter and Rules data entry GUIs and includes a brief look at the APIs that can be used instead of GUIs. The hands-on exercises associated with this course are on a Windows NT Workstation platform.	2 Days	**MQ590 (US)**
	MQSeries Integrator Advanced Formatter and Rules This course provides an extensive, hands-on approach to the MQSeries Integrator Formatter functionality. It provides several case study exercises to guide you through the design and implementation of different scenarios using MQSeries Integrator with an emphasis on the Formatter and Rules components. The hands-on exercises associated with this course are on a Windows NT Workstation platform. Exercises use the Formatting and Rules GUIs to implement the case study solutions. The lab exercises are followed by format testing.	2 Days	**MQ630 (US)**
	MQSeries Integrator API Learn to use the components and programming tools that make up the MQSeries Integrator Application Program Interface (API) to write special rules and user exits. You practice using the APIs for Messaging and Queuing, Formatting and Rules in hands-on exercises. The hands-on exercises associated with this course are on a WindowsNT Workstation platform.	1 Days	**MQ640 (US)**

NA = North America US = United States WW = Worldwide

(*) The course titles, durations and course numbers quoted here may vary by country. For worldwide equivalencies, refer to the IBM Learning Services Internet home page - http://www.ibm.com/services/learning/ - and search for by specific country.

Note: Course availability is subject to change. Class attendance does not guarantee that the candidate will pass certification testing. IBM courses are recommended but not required to take certification exams.

Publications for MQSeries Certifications

To order a publication, refer to the IBM Direct publications catalog on the Internet at http://www.elink.ibmlink.ibm.com/pbl/pbl. Also, in the U.S., you can call 1-800-879-2755 and select option 1; in Canada, call 1-800-IBM-4YOU (1-800-426-4968).

Test Number	Publication Title	Order No.
Test 095	**IBM MQSeries Introduction to Message Queuing** This book is intended for anyone new to the subject of messaging and queuing. The book defines the problems solved by IBM MQSeries products, explains how messaging and queuing works, examines its chief benefits, provides some details about messages and message queues and examines some typical "real world" uses.	**GC33-0805**
	IBM MQSeries Concepts and Architecture This is a basic introduction to terms and concepts of message queuing.	**GC33-1141**
	IBM MQSeries Planning Guide This book describes planning tasks to consider before and after installing one of the IBM MQSeries family of products.	**GC33-1349**
	IBM MQSeries Application Programming Reference This book describes the IBM MQSeries Message Queue Interface (MQI) and gives a detailed description of the function calls, together with the associated data types and attributes.	**SC33-1673**
	IBM MQSeries Distributed Queuing Guide This book describes the concepts of distributed queuing. It explains how to define and manage the message channels that allow application data to be moved across various points in a network.	**SC33-1139**
	IBM MQSeries Command Reference This book describes the commands that can be used to control the operational environment of the IBM MQSeries family of products.	**SC33-1369**
	IBM MQSeries Clients This book describes the IBM MQSeries Message Queue Interface (MQI) client/server environment. Also covered are the steps to install MQI clients on different platforms, communications configurations for the different protocols, and using MQI applications in an MQI client/server environment.	**GC33-1632**
	IBM MQSeries System Administration This book describes the system administration aspects of the IBM MQSeries Version 5 products, and the services they provide to support commercial messaging. This includes managing the queues that applications use to receive their messages, and ensuring that applications have access to the queues that they require.	**SC33-1877**
	The following books explain how to plan for, install, and use the IBM MQSeries product particular to a platform:	
	• **IBM MQSeries for AIX Quick Beginnings**	**GC33-1867**
	• **IBM MQSeries for OS/2 Warp Quick Beginnings**	**GC33-1868**
	• **IBM MQSeries for HP-UX Quick Beginnings**	**GC33-1869**
	• **IBM MQSeries for Sun Solaris Quick Beginnings**	**GC33-1870**
	• **IBM MQSeries for Windows NT Quick Beginnings**	**GC33-1871**
	Also available, and equivalent to both the Systems Administration and the Quick Beginnings books, are **IBM MQSeries System Management Guides** for the following platforms:	
	• MVS/ESA	**SC33-0806**
	• AT&T GIS Unix	**SC33-1642**
	• SCNIX and DC/OSx	**GC33-1768**
	• SunOS	**GC33-1772**
	• Digital OVMS VAX	**GC33-1791**
	• Tandam NSK	**GC33-1893**
	• AIX (pre MQSeries Version 5)	**SC33-1373**
	• OS/2 (pre MQSeries Version 5)	**SC33-1371**
	• HP-UX (pre MQSeries Version 5)	**SC33-1633**
	• Sun Solaris (pre MQSeries Version 5)	**GC33-1800**
	• Windows NT (pre MQSeries Version 5)	**SC33-1643**

Test Number	*Publication Title*	*Order No.*
Test 096	In addition to the publications for Test 095:	
	IBM MQSeries Programmable System Management This book describes the facilities available in MQSeries products for monitoring instrumentation events in a network of connected MQSeries systems, writing programs using the MQSeries Programmable Command Formats (PCFs) to administer IBM MQSeries systems either locally or remotely and installable services which extend the facilities available to a queue manager.	**SC33-1482**
	IBM MQSeries Intercommunication This book describes communication between MQSeries products, introducing the concepts of intercommunication; transmission queues, message channel agent programs, and communication links. It describes how geographically separated queue managers are linked together by message channels to form a network of queue managers.	**SC33-1872**
	The following **User's Guides** are also useful reading: **• IBM MQSeries Link for Release 3 User's Guide** **• IBM MQSeries for Windows V2.0 User's Guide** **• IBM MQSeries for Windows V2.1 User's Guide**	 **GC33-1934** **GC33-1822** **GC33-1965**
Test 097	In addition to the publications for Test 096:	
	IBM MQSeries Application Programming Guide This book provides guidance information for users of the message queue interface (MQI). It describes how to design, write, and build an MQSeries application. It also includes full descriptions of the sample programs supplied with MQSeries. The MQSeries Application Programming Guide is intended for application designers and programmers using the MQI.	**SC33-0807**
Test 098 and 099	**MQSeries Integrator Installation and Configuration Guide** This guide helps end users and MQSeries Integrator Specialists install and configure MQSeries Integrator and begin to use it effectively.	**GC34-5503**
	MQSeries Integrator User's Guide The MQSeries Integrator User's Guide helps MQSeries Integrator users understand and apply the program thorugh its graphical user interfaces (GUIs).	**GC34-5504**
	MQSeries Integrator System Management Guide The MQSeries Integrator System Management Guide is for system administrators and database administrators who work with MQSeries Integrator on a day-to-day basis.	**GC34-5505**
	MQSeries Integrator Programming Reference for NEONRules Programming References are intended for users who build and maintain the links between MQSeries Integrator and other applications. This publication is a reference to Rules APIs for those who write applications to perform actions based on message contents.	**GC34-5506**
	MQSeries Integrator Programming Reference for NEONFormatter Programming References are intended for users who build and maintain the links between MQSeries Integrator and other applications. This publication is a reference to Formatter APIs for those who write applications to translate messages from one format to another.	**GC34-5507**
	MQSeries Integrator Application Development Guide The MQSeries Integrator Application Development Guide assists programmers in writing applications that use MQSeries Integrator APIs.	**GC34-5508**

General Program Information

Test Preparation

- **Education Courses** are offered through IBM Learning Services worldwide. For class schedules and prices, call the IBM Learning Services Center nearest you, or on the Internet go to – http://www.ibm.com/services/learning/.

- **Test Descriptions, Test Objectives and Sample Tests** are valuable tools to help you prepare for certification exams. This information is available from the Professional Certification Program from IBM web site – http://www.ibm.com/certify.

- **Publications** will help you prepare for the tests. You can order publications worldwide from the IBM Direct publications catalog on the Internet – http://elink.ibmlink.ibm.com/pbl/pbl. Also, in the U.S., you can call 1-800-879-2755 and select option 1; in Canada call 1-800-IBM-4YOU (1-800-476-4968).

Certification Testing

Tests for the Professional Certification Program from IBM are administered worldwide by Sylvan Prometric testing centers. In Europe and China, tests are also available through IBM Learning Services. For more information or to schedule an exam, call the center nearest you.

Professional Certification Program from IBM web site –

http://www.ibm.com/certify

Customer Support for Professional Certification Program from IBM

Email:

. . . . . certify@us.ibm.com

Telephone:

English 1.800.426.8322
. . . . . or 44(0)1475.557.040

French . . . . . 44(0)1475.557.041

German . . . . . 44(0)1475.557.042

Italian . . . . . 44(0)1475.557.043

Spanish . . . . . 44(0)1475.557.044

IBM Learning Services

United States and Canada:
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