DB2 Universal Database 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 Developer Associate (IBM CDA), IBM Certified Developer (IBM CD), IBM Certified Specialist (IBM CS), IBM Certified Systems Expert (IBM CSE), IBM Certified Solutions Expert (IBM CSE), IBM Certified Instructor (IBM CI), and IBM Certified Advanced Technical Expert (IBM CATE).

Whether you are a network administrator, systems integrator, network integrator, operator, 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.

Every effort has been made to make the courses and publications as complete and as accurate as possible, but no warranty or fitness is implied. The course information and publications are provided on an "as is" basis. IBM shall have neither liability nor responsibility to any person or entity with respect to any loss or damages arising from course or publication content.

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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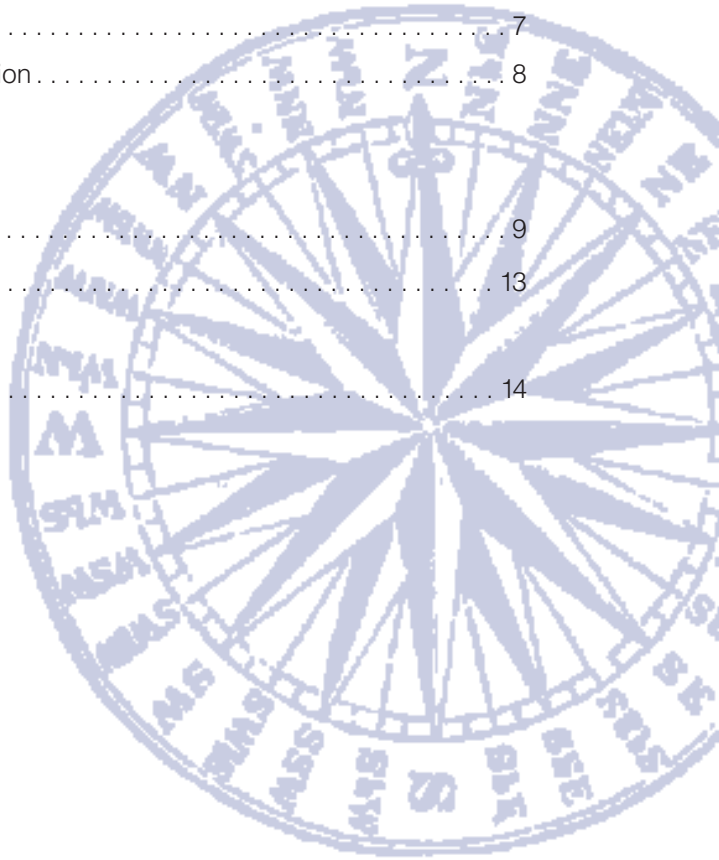


Database certification roles are designed for professionals who are in the business of providing DB2 administration, support and installation, design and development of DB2 applications, or implementing data solutions using IBM data products.

IBM Certified Solutions Expert Business Intelligence

IBM Certified™
Solutions
Expert

Certification Requirement: 2 Tests

Role Description:

IBM Certified Solutions Expert - Business Intelligence: If you are knowledgeable of IBM's Business Intelligence solutions and the fundamental concepts of DB2 Universal Database, and are capable of performing the intermediate and advanced skills required to design, develop and support Business Intelligence applications, you may benefit from this certification role.
This role is applicable to experts who qualify Business Intelligence opportunities, identify the business and technical requirements, and consult, architect and manage Business Intelligence solutions. This is a software-based test that is non-platform, non-product specific, for use by consultants and implementors.

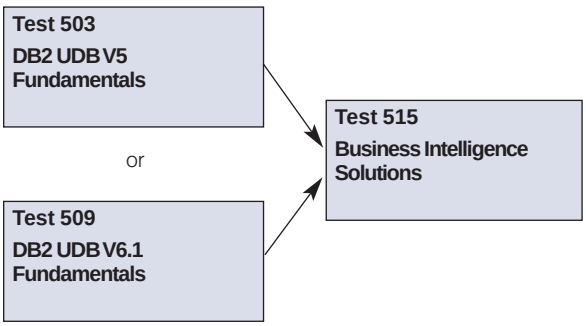
Recommended Prerequisites:

- An understanding of DB2 Universal Database
- Significant experience with IBM's Business Intelligence solutions and implementations.

Benefits:

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

Core Requirement (2 Tests):



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 DB2 UDB V6.1 Database Administration for UNIX, Windows and OS/2

Certification Requirement: 2 Tests

Role Description:

IBM Certified Solutions Expert - DB2 UDB V6.1 Database Administration for UNIX, Windows and OS/2: If you are knowledgeable with DB2 Universal Database V6.1 and are capable of performing the intermediate to advanced skills required in the day-to-day administration of DB2 instances and databases, you may benefit from this certification role.

Recommended Prerequisite:

- Significant experience as a DB2 Universal Database V6.1 Database Administrator.

Core Requirement (2 Tests):

Test 509	Test 510
DB2 UDB V6.1 Fundamentals	**DB2 UDB V6.1 Database Administration**

Updating the IBM Certified DB2 Database Administrator or IBM Certified Solutions Expert - DB2 UDB V5 Database Administration certifications:

If you have achieved either the IBM Certified DB2 Database Administrator certification or the IBM Certified Solutions Expert - DB2 UDB V5 Database Administration certification and would like to update your certification to DB2 UDB V6.1, you must pass 1 test .

Test 510: DB2 UDB V6.1 Database Administration

After passing test 510, you will be certified as an IBM Certified Solutions Expert - DB2 UDB V6.1 Database Administration for UNIX, Windows and OS/2.

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 DB2 UDB V6.1 Application Development for UNIX, Windows and OS/2

Certification Requirement: 2 Tests

Role Description:

IBM Certified Solutions Expert - DB2 UDB V6.1 Application Development for UNIX, Windows and OS/2: If you are knowledgeable with DB2 Universal Database V6.1 and are capable of performing the intermediate to advanced skills required to design and develop DB2 Universal Database applications, you may benefit from this certification role.

Recommended Prerequisite:

- Significant experience as a DB2 Universal Database Application Developer.
- Knowledge of DB2 Universal Database Version 6.1 for UNIX, Windows and OS/2.

Core Requirement (2 Tests):

Test 509	Test 511
DB2 UDB V6.1 Fundamentals	**DB2 UDB V6.1 Application Development**

Benefits:

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

Updating the IBM Certified DB2 Application Developer or IBM Certified Solutions Expert - DB2 UDB V5 Application Development certification:

If you have achieved either the IBM Certified DB2 Application Developer or IBM Certified Solutions Expert - DB2 UDB V5 Application Development certifications and would like to update your certification to DB2 UDB V6.1, you must pass 1 test .

Test 511: DB2 UDB V6.1 Application Development

After passing test 511, you will be certified as an IBM Certified Solutions Expert - DB2 UDB V6.1 Application Development for UNIX, Windows and OS/2.

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 DB2 UDB V5 Database Administration

IBM Certified ™
Solutions Expert

Certification Requirement: 2 Tests

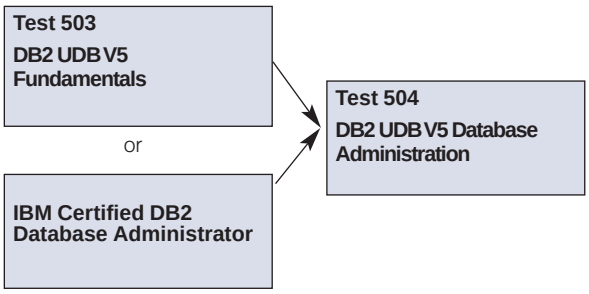
Role Description:

IBM Certified Solutions Expert - DB2 UDB V5 Database Administration: If you are knowledgeable with DB2 Universal Database V5 and are capable of performing the intermediate to advanced skills required in the day-to-day administration of DB2 instances and databases, you may benefit from this certification role.

Recommended Prerequisite:

- Significant experience as a DB2 Universal Database V5 Database Administrator

Core Requirement (2 Tests):



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 DB2 UDB V5 Application Development

IBM Certified ™
Solutions Expert

Certification Requirement: 2 Tests

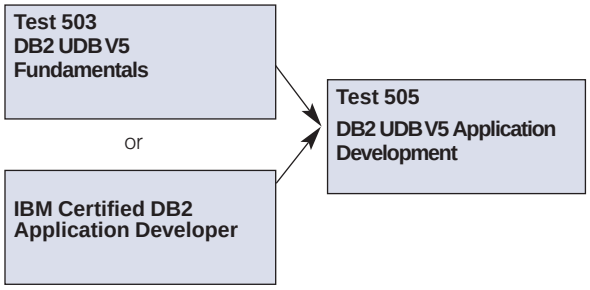
Role Description:

IBM Certified Solutions Expert - DB2 UDB V5 Application Development: If you are knowledgeable with DB2 Universal Database V5 and are capable of performing the intermediate to advanced skills required to design and develop DB2 applications, you may benefit from this certification role.

Recommended Prerequisite:

- Significant experience as a DB2 Universal Database Application Developer.

Core Requirement (2 Tests):



Benefits:

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

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IBM Certified Advanced Technical Expert DB2 for Clusters

Advanced
Technical
Expert

Certification Requirement: 1 Test

Role Description:

IBM Certified Advanced Technical Expert - DB2 for Clusters: If you are in the business of providing services using DB2 and its related products to provide homogeneous access to enterprise data and to retrieve data from a number of different sources, this certification could help validate your skills.
To attain the **IBM Certified Advanced Technical Expert - DB2 for Clusters** certification, candidates must pass *Exam 506* and also be certified as an **IBM Certified Solutions Expert** in Application Development or Database Administration in either Version 5 or Version 6.

Required Prerequisites:
Certification in one of the following roles:

- IBM Certified Solutions Expert - DB2 UDB V5 Application Development
- IBM Certified Solutions Expert - DB2 UDB V5 Database Administration
- IBM Certified Solutions Expert - DB2 UDB V6.1 Application Development for UNIX, Windows and OS/2
- IBM Certified Solutions Expert - DB2 UDB V6.1 Database Administration for UNIX, Windows and OS/2

Recommended Prerequisites:

- Database Administration
- Extensive experience with DB2 Universal Database V5 or V6
- Experience with DB2 Enterprise - Extended Edition

Core Requirement (1Test):

Please note that these exams are currently based on the IBM DB2 UDB Version 5 products, however they are considered valid towards this certification role until such a time as they are updated.

Test 506

IBM DB2 for Clusters Exam

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 Advanced Technical Expert DB2 - DRDA

Advanced
Technical
Expert

Certification Requirement: 1 Test

Role Description:

IBM Certified Advanced Technical Expert - DB2 - DRDA: If you are in the business of providing services using DB2 and its related products to provide homogeneous access to enterprise data, this certification could help validate your skills.
To attain the **IBM Certified Advanced Technical Expert - DB2 - DRDA** certification, candidates must pass *Exam 507* and also be certified as an **IBM Certified Solutions Expert** in Database Administration or Application Development for either Version 5 or Version 6.

Required Prerequisites:
Certification in one of the following roles:

- IBM Certified Solutions Expert - DB2 UDB V5 Application Development
- IBM Certified Solutions Expert - DB2 UDB V5 Database Administration
- IBM Certified Solutions Expert - DB2 UDB V6.1 Application Development for UNIX, Windows and OS/2
- IBM Certified Solutions Expert - DB2 UDB V6.1 Database Administration for UNIX, Windows and OS/2

Recommended Prerequisites:

- Database Administration
- Extensive experience with DB2 Universal Database V5 or V6
- Experience with DB2 Connect & DRDA

Core Requirement (1 Test):

Test 507

IBM DB2 - DRDA

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 Advanced Technical Expert DB2 Data Replication

Advanced Technical Expert

Certification Requirement: 1 Test

Role Description:

IBM Certified Advanced Technical Expert - DB2 Data Replication: If you are in the business of providing services using DB2 and its related products to retrieve and replicate data from a number of different sources, this certification could help validate your skills.
To attain the **IBM Certified Advanced Technical Expert - DB2 Data Replication** certification, candidates must pass *Exam 508* and also be certified as an **IBM Certified Solutions Expert** in Application Development or Database Administration in either Version 5 or Version 6.

Required Prerequisites:
Certification in one of the following roles:

- IBM Certified Solutions Expert - DB2 UDB V5 Application Development
- IBM Certified Solutions Expert - DB2 UDB V5 Database Administration
- IBM Certified Solutions Expert - DB2 UDB V6.1 Application Development for UNIX, Windows and OS/2
- IBM Certified Solutions Expert - DB2 UDB V6.1 Database Administration for UNIX, Windows and OS/2

Recommended Prerequisites:

- Database Administration
- Extensive experience with DB2 Universal Database V5 or V6
- Experience with DB2 Connect & DRDA

Core Requirement (1 Test):

Test 508

IBM DB2 - DPROPR

Benefits:

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

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Courses for DB2 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.training.ibm.com/ibmedu*
- *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 503	**DB2 Family Fundamentals** This course provides you with information about the functions of Database 2 (DB2), IBM's relational database manager, and addresses the DB2 family across the MVS and the Universal Database platforms. It includes discussion of what services the DB2 products provide, but not the internal workings of the products.	2 Days	**CF03 (WW)** **CF030 (NA)**
	and		
	SQL-Workshop This course teaches you the Structured Query Language (SQL). The course includes extensive machine labs where you can code a wide variety of SQL statements.	2 Days	**CF12 (WW)** **CF120 (NA)**
	OR		
	DB2 Universal Database Fundamentals This course is designed to teach the student how to perform basic database administration tasks using DB2. These tasks include creating and populating databases, understanding SQL, and the DB2 locking strategy. Students will be prepared for the Level 503 Certification test.	2 Days	**CF53 (WW)** **CF531 (NA)**
	OR		
	SQL-Workshop This course teaches you the Structured Query Language (SQL). The course includes extensive machine labs where you can code a wide variety of SQL statements.	2 Days	**CF12 (WW)** **CF120 (NA)**
	and		
	IBM DB2 Server Fundamentals This course will teach you the features and functions of DB2 Universal Database. It includes information on what services the products provide, but not the internal workings.	CBT	**RM504**
Test 504	**DB2 Universal Database Administration Workshop for UNIX** This course teaches you how to perform database administration tasks using DB2 Universal Database (UDB) for UNIX. These tasks include creating DB2 instances, creating and populating databases, and using logical design to support concurrency and recovery requirements. Labs will be on an AIX operating system.	4 Days	**CF21 (WW)** **CF211 (NA)**
	or		
	DB2 Universal Database Administration Workshop for OS/2 This course teaches you how to perform database administration tasks using DB2 Universal Database (UDB) for OS/2. These tasks include installing DB2 for OS/2, creating and populating databases, using remote data services to support a client/server environment, and implementing a logical design to support concurrency and recovery requirements.	4 Days	**CF21 (WW)** **CF221 (NA)**
	or		
	DB2 Universal Database Administration Workshop for Windows NT This course teaches you how to perform database administration tasks using DB2 Universal Database (UDB) for Windows NT. These tasks include creating DB2 instances, creating and populating databases, and using logical design to support concurrency and recovery requirements.	4 Days	**CF21 (WW)** **CF231 (NA)**
	OR		
	IBM DB2 Administration Essentials This course provides you with information on the basic administration tasks for DB2 UDB including installation, database creation and data population.	CBT	**RM500**
	and		
	IBM DB2 Advanced Administration This course provides you with information to configure and support client/server environments. It reviews data design, concurrency and recovery.	CBT	**RM501**

NA = North America US = United States WW = Worldwide

Courses for DB2 Certifications

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- *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.training.ibm.com/ibmedu*
- *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 504 (cont'd)	**ALSO USEFUL:** If you are interested in more advanced DB2 Universal Database Administration education (while not required for the certification, it will help with the understanding of the administration tasks) consider the following education offering:		
	DB2 Universal Database Advanced Administration Workshop This course teaches database administration tasks using DB2 Universal Database. The tasks include advanced recovery issues, SMP exploitation advanced data placement, and device issues, distributed data management, remote administration and very large database support.	4 Days	**CF45 (WW)** **CF451 (NA)**
Test 505	**DB2 Universal Database Programming Fundamentals** This course teaches the skills necessary to produce application programs that manipulate DB2 databases in a UNIX or PC environment. Emphasis is placed on embedding Structured Query Language (SQL) statements and preparing programs for execution.	2 Days	**CF10 (WW)** **CF101 (NA)**
	and		
	DB2 Universal Database Advanced Programming This course teaches how to take advantage of advanced programming techniques to access DB2 databases in the workstation environment. The prerequisite course is CF10 (WW) or CF101 (NA).	2.5 Days	**CF11 (WW)** **CF111 (NA)**
	OR		
	IBM DB2 Basic Application Development This course enables you to acquire the skills necessary to produce application programs that manipulate DB2 UDB databases.	CBT	**RM502**
	and		
	IBM DB2 Advanced Application Development This course teaches you how to take advantage of advanced techniques to access DB2 UDB databases.	CBT	**RM503**
Test 506	**DB2 UDB Enterprise-Extended Edition for UNIX Administration Workshop** This course teaches you how to perform database administration tasks using IBM DB2 UDB EEE for UNIX.	5 Days	**CF24 (WW)** **CF241 (NA)**
	or		
	DB2 UDB Enterprise-Extended Edition for NT Administration Workshop This course teaches you how to perform database administration tasks using IBM DB2 UDB EEE for NT.	5 Days	**CF26 (WW)** **CF261 (NA)**
Test 507	**DB2 Connect DRDA Implementation with SNA and TCP/IP** You will learn to implement, administer and tune DB2 Connect to DB2 for OS/390 using DRDA with SNA and TCP/IP from Windows NT or AIX systems.	4.5 Days	**CF61 (WW)** **CF611 (NA)**
Test 508	**Data Replication: DPropR Basic Usage** This course is designed to provide you the ability to use DPropR V2 to perform basic data replication activities between IBM relational database systems and to perform the basic DPropR operations to define, manage, and maintain data replication functions.	2 Days	**DW14 (WW)** **DW140 (NA)**
	and		
	Data Replication: DPropR Advanced Usage With this course you will gain the ability to use the advanced functions of DPropR V5 such as update-anywhere and Mobile Replication, along with basic skills in problem determination, recovery and performance tuning.	3 Days	**DW15 (WW)** **DW150 (NA)**

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- *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 509	**DB2 Family Fundamentals** This course provides you with information about the functions of Database 2 (DB2), IBM's relational database manager, and addresses the DB2 family across the MVS and the Universal Database platforms. It includes discussion of what services the DB2 products provide, but not the internal workings of the products.	2 Days	**CF03 (WW)** **CF030 (NA)**
	and		
	SQL-Workshop This course teaches you the Structured Query Language (SQL). The course includes extensive machine labs where you can code a wide variety of SQL statements.	2 Days	**CF12 (WW)** **CF120 (NA)**
	OR		
	DB2 Universal Database Fundamentals This course is designed to teach the student how to perform basic database administration tasks using DB2. These tasks include creating and populating databases, understanding SQL, and the DB2 locking strategy.	2 Days	**CF53 (WW)** **CF531 (NA)**
Test 510	**DB2 Universal Database Administration Workshop for UNIX** This course teaches you how to perform database administration tasks using DB2 Universal Database for UNIX platforms. These tasks include creating DB2 instances, creating and populating databases, and using logical design to support concurrency and recovery requirements. Labs will be on an AIX operating system.	4 Days	**CF21 (WW)** **CF211 (NA)**
	OR		
	DB2 UDB for Linux Database Administration Workshop This course teaches you how to perform database administration tasks using DB2 Universal Database for Linux. These tasks include installing DB2 for Linux, creating and populating databases, using remote data services to support a client/server environment, and implementing a logical design to support concurrency and recovery requirements.	4 Days	**CF20 (WW)** **CF201 (NA)**
	OR		
	DB2 Universal Database Administration Workshop for NT This course teaches you how to perform database administration tasks using DB2 Universal Database for Windows NT. These tasks include creating DB2 instances, creating and populating databases, and using logical design to support concurrency and recovery requirements.	4 Days	**CF23 (WW)** **CF231 (NA)**
	OR		
	DB2 UDB for Solaris Database Administration Workshop This course teaches you how to perform database administration tasks using DB2 Universal DAtabase for Solaris. These tasks include creating DB2 instances, creating and populating databases, and using logical design to support concurrency and recovery requirements.	4 Days	**CF27 (WW)** **CF271 (NA)**

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Courses for DB2 Certifications

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- *Information is also available from the IBM Learning Services home page – http://www.training.ibm.com/ibmedu*
- *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 510 (cont'd)	**ALSO USEFUL:** Note: If you are interested in more advanced DB2 Universal Database Administration education (while not required for the certification, it will help with the understanding of the administration tasks) consider the following education offering:		
	DB2 Universal Database Advanced Administration Workshop This course teaches database administration tasks using DB2 Universal Database. The tasks include advanced recovery issues, SMP exploitation, advanced data placement, and device issues, distributed data management, remote administration and very large database support	4 Days	**CF45 (WW)** **CF451 (NA)**
Test 511	**DB2 Universal Database Programming Fundamentals** This course teaches the skills necessary to produce application programs that manipulate DB2 databases in a UNIX or PC environment. Emphasis is placed on embedding Structured Query Language (SQL) statements and preparing programs for execution.	2 Days	**CF10 (WW)** **CF101 (NA)**
	AND		
	DB2 Universal Database Advanced Programming This course teaches how to take advantage of intermediate programming techniques to access DB2 databases in the workstation environment. The prerequisite course is CF101/CF10.	2.5 Days	**CF11 (WW)** **CF111 (NA)**
Test 515	**Building the Data Warehouse** This course teaches you to apply Business Intelligence techniques in the context of an incremental process, suitable for constructing a data warehouse and BI solution from a departmental or functional workgroup perspective. You will also learn how the process can further be extended for the construction of consistent, corporate-wide data warehouses. You apply the techniques learned in several exercises which are part of a non-trivial case study. You also participate in several hands-on machine exercises exposing you to several products useful for DW and BI enablement.	4.5 Days	**DW11 (WW)** **DW110 (NA)**
	ALSO USEFUL: If you are interested in additional education offerings which may assist you in preparing for this certification exam, you may find the following education offering and publications of value:		
	DB2 OLAP Server: Up and Running This course helps you implement your first DB2 Online Analytical Processing (OLAP) Server-based solution and understand what is happening behind the scenes in the underlying relational database. It covers the design and building of a multidimensional outline (or cube), its poulation, calculation, and interrogation from end-user tools. The implementation section covers relational implementation and introduces the implications of dynamic calculations, partitioning, and replication.	4 Days	**DW60 (WW)** **DW600 (NA)**

NA = North America US = United States WW = Worldwide

Publications for DB2 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 503, 504, 505	**DB2 Universal Database Certification Guide** This book is a complete guide to IBM DB2 Universal Database. This self-study book covers the fundamentals of administration and development of DB2 databases and applications on various operating systems	**IBM No. SC09-2465-01** **ISBN 0-13-079661-1**
Test 506	**The DB2 Cluster Certification Guide** This book brings together all the techniques you need to deploy, manage and optimize DB2 UDB EEE. It is the premier self-study for the DB2 UDB V5 for Cluster certification exam (test 506).	**IBM No. SC09-2734-00** **ISBN 0-13-081900-X**
Test 507	**The DB2 Universal DRDA Certification Guide** This self-study certification guide gives you all the information you will need to access DB2 data stored on an IBM mainframe. It is the premier self-study resource for test 507, DB2 UDB V5 DRDA.	**IBM No. SC09-2791-00** **ISBN 0-13-082425-9**
Test 508	**The DB2 Replication Certification Guide** This self-study and reference guide is the premier resource for self-study preparation for DB2 Replication and test 508, the IBM Data Replication exam. It provides material to assist you in preparing for the test and also is an excellent guide for setting up and using IBM's Data Replication.	**IBM No. SC09-2802-00** **ISBN 0-13-082424-0**
Test 509, 510, 511	**DB2 Universal Database V6.1 for UNIX, Windows and OS/2 Certification Guide** -by Jonathan Cook, Robert Harbus, Tetsuya Shirai This book is IBM's definitive guide and reference for the newest, most powerful version of DB2 Universal Database ever: Version 6.1. This book delivers end-to-end coverage for every DB2 UDB developer and administrator, on every platform: Windows, UNIX, or OS/2 -- including the most systematic IBM DB2 UDB certification review you can find.	**IBM No. SC09-2915-00** **ISBN 0-13-086755-1**
Test 515	**IBM's Data Mining Technology White Paper** This paper explores data mining -- its potential benefits to users, the data mining process, and IBM's technology in this area. Several business examples are provided to further understanding. Available from http://www.software.ibm.com/data/iminer/fordata/library.html	
	ALSO USEFUL: **Using the Intelligent Miner in the Simple Scenario** This manual contains a simple scenario that will help you learn how to use the wizards (sometimes referred to as TaskGuides) in the Intelligent Miner. Available from http://www. software.ibm.com/data/iminer/fordata/downloads.html	
	Business Intelligence: The IBM Solution: Datawarehousing and OLAP This book discusses IBM's data warehousing solutions and includes a time-limited full version of Visual Warehouse.	**ISBN 1-85233-085-6**

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.training.ibm.com/ibmedu.

- **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:

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