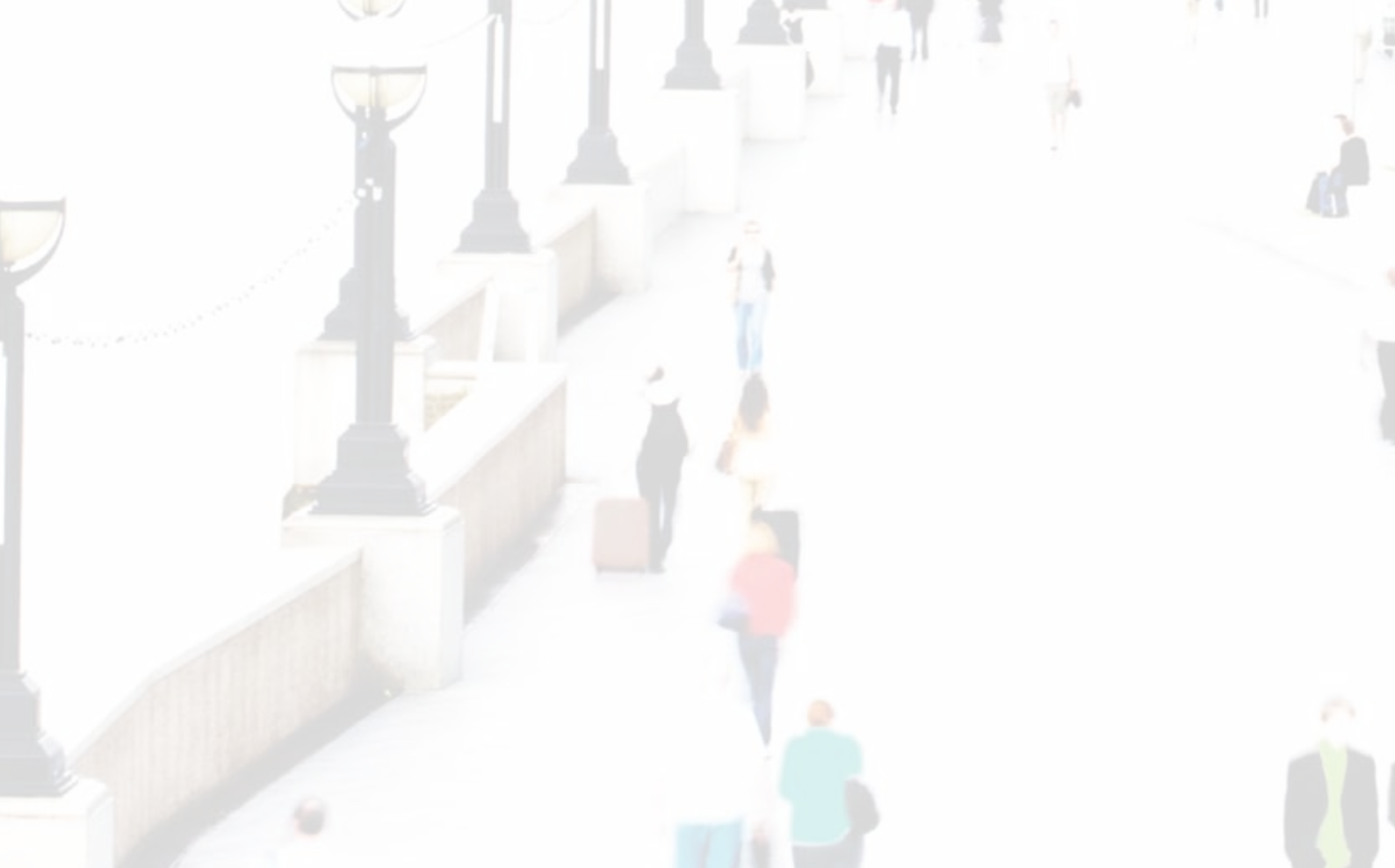IBM

IBM TRAINING CATALOGUE 2010

In today's increasingly dynamic business environment, change happens fast. Companies need to be more adaptable and faster-learning than ever before. That's why training is essential. It enables individual employees to learn, develop and change for the greater good of the organisation. However, courses need to be planned and executed properly by experts. It's important to deliver the right training to the right people at the right time.

IBM offers right-first-time technical training to help your staff acquire, maintain and optimise their skills. From instructor-led classroom courses to self-paced e-learning and technical conferences, we will provide the ideal delivery options to suit your business.

It pays to choose IBM training if you're looking to maximise existing investments in technology, or integrate new technologies as efficiently as possible. It's also a cost-efficient and reliable way to regularly re-skill your employees so they can keep pace with advancing technologies. As well as developing new skills and knowledge, IBM training is designed to help you increase workforce morale and recruit and retain top talent in today's competitive employment market.

Institute of IT Training
Accredited Training Provider

CONTENTS

For local Web details and contacts, see back cover

FINDING A COURSE ON THE IBM TRAINING WEBSITE

Where to start

There are two ways to search for a course:

1. Go to your local homepage:

UK: **ibm.com**/training/uk   Ireland: **ibm.com**/training/ie

Finland: **ibm.com**/training/fi   Denmark: **ibm.com**/training/dk

Norway: **ibm.com**/training/no   Sweden: **ibm.com**/training/se

2. Using the 'Find a course' function (you know the course code).

Enter the course code or keywords associated with the course to pull up the course or course list.

3. Using the brand to search ('What we offer' section).

Select the brand area that you are interested in within the 'What we Offer' section which will take you to the curriculum page.

Search by sub-chapter on this page.

This will bring up a list of available courses.

IBM EDUCATION PACKS

More options, more flexibility. Introduced to meet the needs of the busy IT department, IBM Training Education Packs offer a simple, cost-effective way to pay for the skills development of your team.

Education Packs can be used to book most of the 600 courses featured in our A-Z of Training catalogue. As well as the IBM product range, we offer courses for Cisco, Oracle and Microsoft.

Our Education Packs are ideal if you have a team of professionals to train, for example to support an implementation or development project.

Packs come in several denominations, and can be used by anyone in your team across a twelve-month period. They provide total flexibility in helping you build the right skills at the right time for your organisation.

You simply book the course from our catalogue and we debit the amount from the pack.

How can it help your organisation?
By making it easier and more affordable to purchase training from IBM, the Education Pack may help you to meet these business goals:
- *Integrate new hardware or software technologies*
- *Mitigate risk of implementation failure*
- *Consolidate servers*

- *Improve IT skills of staff*
- *Increase speed to market*
- *Align learning to business IT strategy*
- *Increase return on investment.*

Benefits
Convenient: use it for up to one year
Cost-effective: discounted price levels
Comprehensive: wide variety of education offerings in multiple formats
Easy to buy: single purchase, multiple usage
Flexible: change your demands as your requirements change.

To purchase your IBM Education Pack today and start saving with your first training course visit **ibm.com**/training/edpack

Note: Offer is subject to terms and conditions. Please read before purchasing.

ONE COMPANY
(ON-SITE) TRAINING

The best learning doesn't always happen in the classroom. It can take place right at your business – in the familiar environment where you and your team work every day – with the help of education specialists from IBM Training.

We can deliver customised training at your own offices, saving you time, travel and accommodation costs, enabling you to keep your mission-critical staff on-site.

Because we can tailor the education, to make it flexible and specific to your environment, you get just the training you need, customised to reflect your particular IT infrastructure or project.

Our one company courses services include:
- *Planning and design*
- *Customised content*
- *Course materials and equipment.*

We offer complete flexibility in our service. You might, for example, choose to have a standard course, delivered on your own premises. Or you might want to combine different modules to provide a more tailored, intensive course for your team.

Alternatively, if you have a large, complex technical project, we can develop a tailored programme for your entire organisation, creating a blended solution which combines e-Learning and instructor-led training.

Benefits
- *Effective, tailored education at your own offices*
- *An experienced IBM technology instructor, dedicated to your team*
- *Training when and where you need it, enhanced by team interaction*
- *Savings on time, money and on travel and accommodation costs*
- *Mission-critical staff remain on-site.*

Read dozens of real-life stories about the above-and-beyond performance of IBM's on-site training. Visit **ibm.com**/training/us/onsite/casestudies

For further information visit
ibm.com/training/global

IBM TECHNICAL CONFERENCES

If you can only attend one conference this year, choose from the leading symposiums and sessions of IBM Technical Conferences.

Attendees consistently rate IBM Technical Conferences as *'exceeds expectations,'* citing the value and importance of the topics, excellent speakers, insiders' previews of IBM's latest products, networking opportunities, and demonstrations of emerging technologies.

At most IBM Conferences, you can also participate in skills training, hands-on labs and IBM certification testing (check listings for availability).

Bookmark the online listing at **ibm.com**/training/conf

Don't forget! Your IBM Education Pack can be used for conferences, too!

Get the Boss to Say, 'Yes!'
Need help convincing management to send you to an IBM Technical Conference? We've put together some powerful business benefits that can strengthen your case.

Visit **ibm.com**/training/conf choose an event and check out the *'Why you need to attend'* box.

Conferences scheduled for 2010		
Lotusphere	17th – 21st January	Orlando, Florida, USA
IBM Pulse 2010 (a Tivoli Technical User Conference)	21st – 24th February	Las Vegas, Nevada, USA
IBM Rational Software	6th – 10th June	Orlando, Florida, USA
IBM Tivoli Conference	TBA	TBA
Portal Excellence Conference	TBA	TBA
IBM WebSphere Technical Conference	TBA	TBA

For conference updates in Europe and Africa visit
ibm.com/training/conf/europe

PROFESSIONAL CERTIFICATION FROM IBM

Strengthen your skills. Broaden your expertise. Experience the future of technology.

Certification is designed to enhance your skills and help you contribute to the continued success of your company. In today's competitive business world, it is essential to keep pace with rapidly changing technologies. Businesses need to maximise the potential of technology and employees. Professional certification is a powerful option that benefits the employer and employee by helping each grow and come together to forge a stronger whole.

We offer over 500 tests and certifications covering both IBM products and other leading IT products.

Visit **ibm.com**/certify and select the certification programme that you are interested in. You'll find: Hundreds of IBM certifications listed by hardware, software and other product solutions.

A step-by-step checklist for achieving certification.

Test information including number of questions, duration, passing scores, prerequisite skills and sample tests.

Recommended training resources, preparation tips, test updates and revisions.

Certified professionals are valuable in any market.
ibm.com/certify

INSTRUCTOR-LED ONLINE TRAINING

IBM Training is now offering some of our most popular courses in a learning format called Instructor-Led Online (ILO).

With ILO, you get the best of both worlds: the benefits of being in a classroom with the convenience and cost savings of online training!

Our courses are taught live by our experienced instructors using the same high-quality classroom material.

Highlights
- *Access high-quality classroom material with the savings and convenience of online training*
- *Easily connect to a virtual classroom and interact directly with our instructors*
- *Participate in hands-on labs conveniently available 24x7.*

Benefits
- *High-quality content that is identical to the classroom course*
- *No travel costs or travel time*
- *Live interaction with our world-class instructors*
- *Easy set-up with little client implementation and modest connectivity requirements, allowing participation from almost anywhere.*

How ILO works
- *Browse the course catalogue and choose from a library of ILO courses*
- *Enrol online to receive your course materials in advance by mail or online*
- *On the day of the class, connect to a virtual classroom using your high speed Internet connection. Interact directly with your instructor… just as you would in a typical classroom*
- *Select classrooms feature hands-on labs, providing you with 24x7 access for the duration of the course to reinforce concepts learned. Additionally, the instructor can shadow and guide you as you work through the lab exercises*
- *Courses help you to prepare for certification exams.*

Learn More and Pay Less
These courses are eligible for the IBM Education Pack. For more information visit
ibm.com/training/edpack

Register for an ILO course. To see ILO course offerings visit **ibm.com**/training/ilo

IBM TRAINING FOR SYSTEMS

Mainframe Systems Platform

    IBM System z (z/OS, z/VM, Linux on System z)

Modular Systems Platform

    IBM System x and BladeCenter

Power Systems Platform

    IBM i

    IBM System p, AIX and UNIX

    Linux

Storage Systems Platform

    IBM System Storage and Storage Networking

    VMware

For local Web details and contacts, see back cover

IBM SYSTEM z (z/OS, z/VM, LINUX ON SYSTEM z)

Curriculum overview

IBM has developed a strategy for making on-demand business a reality. It's a practical vision that uses existing technologies enabled by virtualisation and the System z mainframe advantages of business resiliency, security, workload management and business integration to effectively manage the 'fabric' of today's IT enterprise. To take full advantage of this high powered technology, look to IBM for all your System z training needs.

If you are new to z/OS, you have different options to get familiar with z/OS. We offer the introduction class 'An introduction to the z/OS environment' either as classroom course 'ES05'. This class is ideal for Managers, Consultants and Project Managers. More technical personnel can go straight into the 5-day z/OS 'Fundamentals' class ES10AGB.

IBM System z: z/OS Facilities (ES15)

This classroom course of 4½ days introduces the base elements, optional features, and servers provided in z/OS and OS/390. It focuses on the system service facilities provided by the z/OS and OS/390 Base Control Program (BCP). It teaches the students the function of major software base elements in the management of jobs, task, storage, data, and problems. It also addresses how these functions may be affected by the system programmer. Students are introduced to the services provided by the servers which execute in the z/OS and OS/390 environments, such as the Communications Server and the Security Server. Installation packaging options and steps to install the z/OS and OS/390 environments are also introduced.

The when, where and how

IBM's award-winning training delivers the most innovative formats to fit your needs, including:

- *Traditional classroom – our location or yours*
- *Customised classes with agendas tailored to specific needs*
- *Our new ILO courses – all the benefits of the classroom without the travel*
- *Web-based, self-paced class formats that fit your schedule*
- *Multiple classes combined into a single class format for a fast track to certification*
- *Annual technical conferences highlighting new announcements, product strategy and technical training.*

Training Paths

Training paths show the recommended sequence of courses within a curriculum. Visit the link below to view up-to-date training paths
ibm.com/training/us/trainingpaths

System z Overview

z/OS and System z

z/OS Operation and Parallel Sysplex

z/OS Installation, Tuning, JES, REXX Programming and Problem Diagnosis

Security Skills

z/OS UNIX System Services, WebSphere and SAP

z/VM and z/Linux

z/OS Networking

Visit UK: **ibm.com**/training/uk Ireland: **ibm.com**/training/ie
Finland: **ibm.com**/training/fi Denmark: **ibm.com**/training/dk
10 Norway: **ibm.com**/training/no Sweden: **ibm.com**/training/se

★ **New courses available in 2010**

ES687 WebSphere for z/OS Version 7 Implementation
Classroom

WebSphere Application Server (WAS) Version 7.0 (V7) for z/OS provides a Java2 Enterprise Edition (J2EE) runtime environment for Enterprise JavaBeans (EJB), along with servlets and JavaServer Pages (JSP) in Web applications.

WAS V7 extends the platform established in WebSphere for z/OS V6, bringing new functionality for application management, messaging, and Web Services and new flexible management and administration options.

Learn how to install and customise WebSphere V7.0 for z/OS, and how to deploy EJB applications and Web applications. Reinforce the concepts you learn in lectures with extensive hands-on laboratory exercises.

★ **New courses available in 2010**

OZ66 Securing WebSphere on z/OS
Classroom

WebSphere Application Server (WAS) Version 6.1 (V6) for z/OS provides a Java 2 Enterprise Edition (J2EE) runtime environment for Enterprise JavaBeans (EJB), along with servlets and Java Server Pages (JSP) in Web applications.

This course focuses on security and security-related topics and provides technical details to design and implement secure solutions with WebSphere. It will provide IT Architects, IT Specialists, application designers, application developers, application assemblers, application deployers, and consultants with information necessary to design, develop, and deploy secure e-business applications using IBM WebSphere Application Server V6.1.

★ **Updated courses available in 2010**

ES10A Fundamentals skills in System z/OS
Classroom with hands-on Labs

Updated to reflect current software and reduced to 4 days.

Learn the fundamental skills to navigate and work in a z/OS environment. Including the use of Interactive System Productivity Facility/Program Development Facility (ISPF/PDF) dialogs and Time Sharing Option/Extensions (TSO/E) commands,

Job Control Language (JCL), selected utilities, and the UNIX System Services ISPF Shell. Hands-on lab projects may be done in teams depending on number of attendees and location.

> " The course is very relevant to my current work. The extra knowledge gained from this course will help me to be more productive in my role. "

IBM SYSTEM x AND BLADECENTER

Curriculum overview

IBM System x server is designed to be integrated into robust, flexible IT infrastructures. The System x and BladeCenter server family combines industry standards and openness with IBM innovations and technology to offer extreme performance and scalability with acclaimed IBM reliability, manageability and serviceability.

The name System x originates from IBM X-Architecture technology, an initiative to bring the best IBM enterprise server features, functions and services to the x86 processor-based server segment. The result is an industry leading server family of towers, racks, blades, high end scalable servers and multi-node superclusters, that are ready for your dynamic on-demand business needs, and can help you achieve your price performance goal.

IBM System x training

IBM has a breadth of training offerings to meet almost every customer requirement. In the x86-based server space, here are just a few of the topics our courses cover:

IBM BladeCenter

Scale out with x86-based processor Blade servers for smart modular computing.

Enterprise X-Architecture Technology

Continued leading-edge eX4 scale up technology in the x86-based server space. This technology helps to provide for the highest levels of performance and memory protection as well as remote I/O.

Systems Management – IBM Director

Hardware workgroup manager using innovative technology combined with years of systems management experience and customer feedback to create a solution that stands above the rest. Using standard help-desk features and advanced monitoring and alert management capabilities, IBM Director is tailored for superior management of Intel processor-based systems.

Check the System x and BladeCenter Website for what's new and updated

The System x and BladeCenter curriculum is continuously changing and being updated with the latest products.

Visit **ibm.com**/training/global and select a country to see detailed descriptions and schedules.

New learning format:
IBM Training for Systems ILO Training

Finding it harder to justify travelling to classroom training but don't want to give up the live instruction, hands-on labs and group interaction? We've just made it easier. IBM Training for Systems is now offering some of our most popular courses in a new learning format, Instructor-Led Online (ILO). With this new training alternative, you get the best of both worlds: the benefit of being in a classroom and the convenience and cost savings of online training.

Learn more: **ibm.com**/training/ilo

UK: **ibm.com**/training/uk   Ireland: **ibm.com**/training/ie
Finland: **ibm.com**/training/fi   Denmark: **ibm.com**/training/dk
Norway: **ibm.com**/training/no   Sweden: **ibm.com**/training/se

Certification

Professionals requiring formal credentials validating skills in IBM BladeCenter and System x Server products may pursue IBM professional technical certification. IBM offers hands-on lab training with real-life problem solving opportunities on IBM System x and BladeCenter servers. These courses and associated tests lead to certification through the Professional Certification Program from IBM. Course content focuses on underlying technology, in addition to specific products, to maximise value and provide transferable skills.

This training is available through System x and BladeCenter education included in this catalogue.

For more information visit
ibm.com/certify

Training Paths

START HERE...

Training paths show the recommended sequence of courses within a curriculum. Visit the link below to view up-to-date training paths
ibm.com/training/us/trainingpaths

System x Training

System x Technical Training

System x BladeCenter Track

System x Service Training

★ New courses available for 2010

XTR30A IBM All BladeCenter Workshop
Classroom with hands-on labs
This course combines the content of the BladeCenter Fundamentals (XTR30) and content from the 3 follow on classes; XTR31 (BC-S), XTR32 (BC-E) and XTR33 (BC-H) into a single 3-day comprehensive BladeCenter class with a mix of presentations and hands-on labs.

This class provides an in-depth understanding of the design and technology behind the IBM's BladeCenter's systems and components, with main focus on the Blades and modules available for the different IBM BladeCenter chassis. The course presents a detailed technical introduction to the different BladeCenter types (E, H and S). This includes the different architectural features, management options and the Advanced Management Module's Web interface and functions, as well as troubleshooting and installation considerations. There is also a basic overview of the BladeCenterT and BladeCenterHT.

XTR46 IBM Systems – Introduction to Director 6.1
Classroom presentation
IBM Systems Director 6.1 is a platform management solution that utilises a modular and extensible platform services foundation which provides a way to add advanced platform management capabilities to the base offering. IBM Systems Director unifies the management

of IBM systems, delivering a consistent look-and-feel for common management tasks and integrates IBM's best-of-breed virtualisation capabilities to provide new and radically improved ways to simplify the management of physical and virtual platform resources. IBM Systems Director provides multi-system support for IBM Power Systems, System x, BladeCenter, System z and Storage Systems, enabling seamless integration of IBM systems with the total infrastructure. IBM Systems Director also manages non-IBM x86-based systems through a dedicated agent. IBM Systems Director is the next generation platform management solution of IBM Director that can improve your total cost of ownership by decreasing management costs and improving the utilisation of existing IT resources within a data center by eliminating the need to maintain multiple tools. This course introduces the features, functions and benefits of IBM Systems Director 6.1 and selected common tasks.

XTR47 Managing IBM System x and BladeCenter Servers with IBM Systems Director 6.1 – Base
Classroom with hands-on labs
This course discusses the features, functions and usage of IBM Systems Director 6.1 to manage System x and BladeCenter equipment.

The course will include a review of IBM Systems Director installation, navigating the Web console interface, working with status management, working with update management, working with automation management and System x platform management. Hands-on labs will be included.

IBM i

Curriculum overview

The IBM i and IBM System p organisations are unifying the value of their server offerings into a single, powerful lineup of Power Systems servers based on industry-leading IBM POWER6 processor technology with support for the IBM i (formerly known as i5/OS), IBM AIX, and Linux® operating systems. This new, single portfolio of Power Systems servers offers industry-leading technology, continued IBM innovation, and the flexibility to deploy the operating system that your business requires. Education is continually being updated to reflect the platform improvements and this latest announcement is no exception. Look for some new training offerings and expect significant enhancements to many existing courses. This is an exciting time in Power Systems Education.

Sizeable savings with IBM Training for Systems Instructor-Led Online training

Are you finding it harder to justify travelling to classroom training but don't want to give up the live instruction, hands-on labs and group interaction?

We've just made it easier. IBM Training for Systems is now offering some of our most popular courses via Instructor-Led Online (ILO) training. With this training alternative, you get the best of both worlds: the benefit of being in a classroom with a live instructor and the convenience and cost savings of online training.

Learn more: **ibm.com**/training/ilo

Training Paths

START HERE...

Training paths show the recommended sequence of courses within a curriculum. Visit the link below to view up-to-date training paths
ibm.com/training/us/trainingpaths

System Operator

System Administrator

WebSphere/Java Developers

WebSphere/Java Administrators

Application Developer
(DB2, WDSc, RPG, COBOL, CL, SQL)

Networking

Virtualisation (LPAR, BladeCenter)

End User

Solutions (SAP, PHP, IT Simplification)

Leading the way with IBM i Professional Certification

IBM Professional Certification is a way for skilled IT professionals to validate skills and demonstrate proficiency in the latest IBM technology and solutions.

Training is an essential part of this process. Let IBM help you build the skills you need to formally solidify your credentials. Many IBM Technical Conferences offer attendees the chance to take certification exams at a significant discount.

For certification visit
ibm.com/training/certify

For Technical Conferences visit
ibm.com/training/conf

★ Updated courses available in 2010

OL20 IBM i Control Language Programming Workshop
Classroom with hands-on labs
Updated to V6R1
This course applies to the System i, iSeries, AS/400e and AS/400 systems. Learn to write easy to use and efficient Control Language (CL) programmes that require little or no involvement by system operators. Also, learn how to write user commands and modify commands provided by IBM.

Practice these skills in hands-on exercises. In some instances, you are provided with several exercises, and you choose the one that best meets your needs.

OL50 iSeries Security Implementation
Classroom with hands-on labs
Updated to V6R1
This course explains how to plan for, implement and manage the ongoing operations of System i security. It covers Security Concepts, User Profiles, Group Profiles, Adopted Authority, Security related System Values, Authorisation Lists and Object Authorities and how to apply all of these to keep your system safe.

OL51 iSeries Availability and Recovery
Classroom with hands-on labs
Updated to V6R1
This course explains how to plan for, implement and manage the system with regard to availability, backup and recovery. This course covers Disk Management, Save and Restore, Journal Management, Commitment Control and Backup Strategies.

IBM SYSTEM p, AIX AND UNIX

Curriculum overview

IBM System p servers, with POWER6 processors, demonstrate IBM's continued commitment to organisations of all sizes. In addition to energy conservation and virtualisation technologies, System p servers are designed to offer extremely reliable performance.

AIX operates on IBM Systems based on Power Architecture technology. Most of the new features of AIX 6.1 are available on the earlier POWER platforms, but the most capability is delivered on systems based on the new POWER6 processors.

AIX 6.1 extends the capabilities of the AIX OS to include new virtualisation approaches including the ability to relocate applications between systems without re-starting the application, new security features to improve and simplify security administration, new availability features inspired by IBM legacy systems and numerous features designed to make the AIX OS easier and less expensive to manage.

If you are a POWER5/AIX 5L Administrator who is responsible for managing an IBM System p POWER6 server, be sure to take a look at *AN02: Implementing POWER6, Virtualisation and AIX 6.1 for POWER5/AIX 5L administrators*.

We offer a complete and robust curriculum for AIX users, system administrators, network administrators, and HACMP Administrators to help them effectively understand and implement the latest technology.

Our training courses are created by experienced course developers with close ties to IBM's hardware and software developers.

System administration courses

The System Administration courses provide the knowledge and skills to help system administrators maximise system performance.

System administrators can learn about: installation and implementation; problem determination; performance management; storage management; logical partitioning; virtualisation and a lot more.

Our popular System administration courses are now updated to AIX 6.1 and are appropriate for both AIX 5L and AIX 6 system administrators based on Power Architecture technology.

Network administration courses

The Network administration courses provide the knowledge and skills to: configure TCP/IP; perform basic network installation management and problem determination.

HACMP administration courses

IBM provides courses to teach you how to: plan, implement and troubleshoot HACMP effectively.

Advanced POWER Virtualisation and logical partitioning courses

Our POWER Virtualisation and LPAR courses teach system administrators to: plan; install; implement advanced configurations; and measure, analyse, and tune AIX subsystems for optimal performance.

> " I've received education from IBM on a number of occasions and I can safely say that the instructors are the best I've ever had. "

Hands-on labs

Most of our courses include plenty of hands-on lab exercises to reinforce the lectures and let you practice the skills taught in class. You will leave class with the added confidence that only comes from hands-on experience. Be sure to visit our Website to learn more.

IBM is the right source for all of your System p and AIX training.

Training Paths

START HERE...

Training paths show the recommended sequence of courses within a curriculum. Visit the link below to view up-to-date training paths.
ibm.com/training/us/trainingpaths

Overview

System Administrators

Programming / Internals

POWER, LPAR and Virtualisation

Migrating from UNIX

High Availability and Cluster Technology

Linux on System p

★ New courses announced for 2010

IBM is pleased to inform you that the curriculum for System P, AIX and UNIX training is being updated.
The new courses are being introduced in groups.

The first group is available now and includes:

AN11 Power Systems for AIX I: LPAR Configuration and Planning
Classroom with hands-on labs

Learn the skills needed to become an effective administrator on IBM's POWER6-based systems that support Logical Partitioning (LPAR). Learn about the features of PowerVM Editions (Advanced POWER Virtualisation – APV) and how to configure and manage LPARs running AIX V6.1 using the Hardware Management Console (HMC).

AN12 Power Systems for AIX II: AIX Implementation and Administration.
Classroom with hands-on labs

Learn to install, customise and administer the AIX operating system in a multi-user POWER (System p) partitioned environment. This course is based on AIX 6.1 running on a Power6 system, managed by HMC version 7. This course is also appropriate for prior releases of AIX and has a high practical content.

AN30 Power Systems for AIX Virtualisation I: Implementing Virtualisation
Classroom with hands-on labs

This course provides an overview of the PowerVM edition's features on POWER6 processor-based systems. It explains the new features and benefits of virtualisation and discusses: the processor virtualisation, the Integrated Virtual Ethernet, the virtual I/O server and the virtual devices, such as the virtual Ethernet and virtual SCSI adapters. Basic and advanced configurations of the virtual I/O server and its clients are discussed including various availability options.

Visit

16

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Finland:	**ibm.com**/training/fi	Denmark:	**ibm.com**/training/dk
Norway:	**ibm.com**/training/no	Sweden:	**ibm.com**/training/se

LINUX

Curriculum overview

There are many Linux training providers, but there are few that can match the experience of IBM's Linux instructors and the maturity of our course content. Most of our courses provide hands-on labs based experience on the two leading Linux distributions, Red Hat Linux or Novell SUSE Linux. The choice is yours.

Training Paths

START HERE...

Training paths show the recommended sequence of courses within a curriculum. Visit the link below to view up-to-date training paths
ibm.com/training/us/trainingpaths

Linux Users

Linux System Administrators

Preparation for Linux Professional Institute (LPI) Certification

Linux Topics for Developers and e-business

UNIX and Open Source

Linux on POWER

Leading the Way With Linux Professional Certification

IBM Professional Certification is a way for skilled IT professionals to validate skills and demonstrate proficiency in the latest IBM technology and solutions. Training is an essential part of this process. Let IBM help you build the skills you need to formally solidify your credentials. Many IBM Technical Conferences offer attendees the chance to take certification exams at a significant discount.

For certification visit
ibm.com/training/certify

For Technical Conferences visit
ibm.com/training/conf

" Good course. Well structured. Instructor very knowledgeable and approachable. "
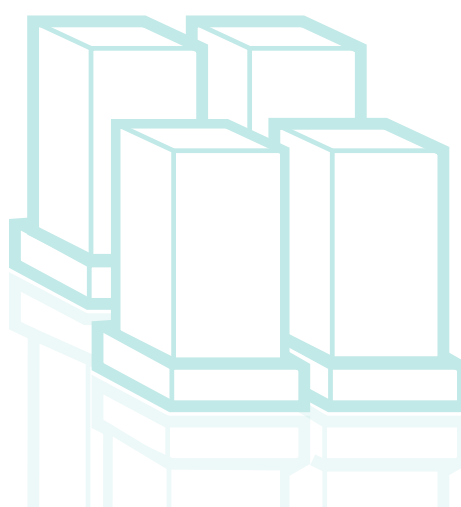
IBM SYSTEM STORAGE AND STORAGE NETWORKING

Curriculum overview

Information is one of your most valuable assets, and new information may be flowing into and throughout your systems at an alarming rate. The health of your business often depends on your ability to extract real business value from information in a timely manner. IBM offers an integrated and comprehensive set of courses covering a wide range of storage products and solutions. This includes courses for the DS family, SANs, NAS, storage virtualisation, and tape.

The IBM System Storage and Storage Networking curriculum enables you to maintain your leading-edge skills in storage technologies such as:

- *IBM System Storage DS Family*
- *SAN Volume Controller (SVC)*
- *TotalStorage Productivity Center (TPC)*
- *Network Attached Storage (NAS)*
- *Storage Area Networks (SAN)*
- *Storage Management Software*
- *Tape Systems.*

Network-based Virtualisation, Replication and Consolidation

If you need to get training to support network-based virtualisation, replication and consolidation techniques, these courses are for you and all of them can be delivered at your location.

- *Introduction to Storage Networking (SN70)*
- *Planning and Implementing a Storage Area Network (SAN) (SN71)*
- *Supporting IBM N series (SN78)*
- *Data ONTAP CIFS and NFS Administration (SN79)*
- *SAN Volume Controller (SVC) – Planning and Implementation (SN82)*
- *SAN Volume Controller (SVC) – Planning and Implementation Workshop (SN83)*
- *IBM TotalStorage Productivity Center Implementation and Configuration (SN85)*
- *TotalStorage Productivity Center for Replication Workshop (SN88).*

IBM Disk Storage Systems

If you need to get training to install and maintain one of IBM's Disk Storage Systems then these courses are for you, and all of them can be delivered at your location.

- *DS4000 Implementation and Configuration (SS61)*
- *DS4000 Installation, Configuration and Troubleshooting (SS65)*
- *DS4000 and DS5000 Performance and Tuning (SS67)*

- *Supporting and Maintaining the DS4000 and DS5000 Series (SS68)*
- *IBM System Storage DS6000 Implementation Workshop for Open Systems (SS48)*
- *IBM System Storage DS8000 Implementation for Open Systems (SS49)*
- *IBM System Storage DS8000 Implementation Workshop for System z (SS59)*
- *IBM System Storage DS6000 and DS8000 Copy Services for Open Systems (SS44)*
- *IBM System Storage DS6000 and DS8000 Copy Services for System z (SS54).*

IBM Tape Systems

If you need to get training to install and maintain one of IBM's Tape Systems then these courses are for you, and all of them can be delivered at your location.

- *IBM Virtualisation Engine TS7700 Planning and Implementation (SS26)*
- *IBM System Storage Tape Encryption Implementation (SS27)*
- *IBM System Storage TS3500 Tape Library for Open Systems (SS28).*

Visit   UK: **ibm.com**/training/uk   Ireland: **ibm.com**/training/ie
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18   Norway: **ibm.com**/training/no   Sweden: **ibm.com**/training/se

IBM Training for Systems helps you go green

'Going green' is a hot topic in business today. Companies realise that transforming power hungry IT infrastructures into leaner, greener operations goes beyond altruism to bottom line realities. IBM is leading this green evolution with 'Project Big Green', a $1 billion investment in new energy efficient products and services. Businesses that implement this green portfolio of products and services can expect energy savings. That translates into big green bucks for the bottom line! If you would like to learn more about storage courses that cover green products, check out these courses:

- *IBM System Storage DS8000 Implementation Workshop for System z (SS59)*
- *SAN Volume Controller (SVC) Planning and Implementation Workshop (SN83)*
- *IBM TotalStorage Productivity Center Implementation and Configuration (SN85).*

Training Paths

START HERE...

Training paths show the recommended sequence of courses within a curriculum. Visit the link below to view up-to-date training paths
ibm.com/training/us/trainingpaths

Storage Management in the IBM System z Environment

Storage Area Network (SAN) Virtualisation and Consolodation Techniques

Storage Management in the Open Systems Environment

IBM Certified Specialist
– High End Disk Solutions

IBM Certified Specialist
– Open Systems Storage Solutions

IBM Certified Specialist
– Storage Networking Solutions

IBM Certified Specialist
– High End Tape Solutions

★ New courses available in 2010

SS28 IBM System Storage TS3500 Tape Library for Open Systems

Classroom with hands-on labs

This course covers the architecture and implementation of the IBM Storage Storage TS3500 Tape Library with Linear Tape-Open (LTO) drive and Enterprise Tape drive (TS1120) for Open systems.

SSA0 IBM XIV Technical Training

Classroom with hands-on labs

This course is designed to present the IBM XIV Storage System, including its hardware components, and the cabling

concept. This course also provides information on how to prepare, install, configure and initialise the IBM XIV Storage System. It provides information about setting up, installing, configuring and working with the features that assist with copy services.

★ Updated courses available in 2010

SN83 San Volume Controller Planning and Implementation Workshop

Classroom with hands-on labs

Leverage networked storage connectivity by integrating a layer of intelligence – the SAN Volume Controller (SVC) – to facilitate storage application data access independence from storage management functions and requirements. This course focuses on planning and implementation tasks associated with integrating the SVC into the Storage Area Network (SAN).

SS49 IBM System Storage DS8000 Implementation Workshop for Open Systems

Classroom with hands-on labs

Learn about the DS8000 storage subsystem and its hardware components and logical structure for open systems hosts. Students will configure hosts and fixed block logical unit numbers (LUNs) for the DS8000 storage subsystem using a DS8000 Storage Manager graphical user interface (GUI) and review the DS command line interface (DSCLI) for scripting configuration functions.

VMWARE

vmware™

VMware authorised training is available only from VMware Authorised Training Centers (VATCs).

IBM's VMware certified instructors use their expertise and experience to deliver VMware training solutions that simplify IT and help companies leverage their storage, network, and computing resources to control costs and respond faster.

FastTrack classes are intensive, long-day deliveries that cover the materials required to become a VMware Certified Professional (VCP) and include an exam voucher.

IBM offers a vast range of VMware courses.

VMware courses:
VMware vSphere 4: What's New?
VMware vSphere 4: Install, Configure, Manage
VMware vSphere 4: FastTrack (including exam voucher)
VMware vSphere 4: Manage Availability
VMware vSphere 4: Design Best Practices (Partners only)
VMware Infrastructure 3: Skills for Operators
VMware Infrastructure 3: Install and Configure v3.5
VMware Infrastructure 3: 5th Day Workshop (including exam voucher)
VMware Infrastructure 3: Deploy, Secure and Analyse v3.5
VMware Infrastructure 3: FastTrack v3.5 (including exam voucher)
VMware Infrastructure 3: Design
VMware Site Recovery Manager (SRM)
VMware View: Install, Configure and Manage
VMware View: Design Best Practices (Partners only)
VMware Capacity Planner (Partners only)

Training Paths

START HERE...

Which printer platform are you using?

Using Advanced Function Presentation
K2502 Classroom (4,5 days)

iSeries Infoprint Server University
K2518 Classroom (2 days)

Visit the training path homepage to select the path you need. Each path shows the recommended sequence of courses within this curriculum.
ibm.com/training/us/trainingpaths

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Norway:	**ibm.com**/training/no	Sweden:	**ibm.com**/training/se

IBM SOFTWARE TRAINING

Application Development/Java Technologies

CICS

Information Management

    Business Intelligence and Financial Performance Management

    Data Management

    Enterprise Management

    InfoSphere

Lotus software

Rational software

    Telelogic

Service Oriented Architecture (SOA)

Tivoli software

WebSphere software

    Business Process Management

    Business Skills for IT Professionals

    WebSphere Application Integration

    WebSphere Application Server

    WebSphere Commerce

    WebSphere Voice

APPLICATION DEVELOPMENT/ JAVA TECHNOLOGIES

Curriculum overview

This curriculum gets you on the launch pad for developing dynamic applications with technologies like Java, XML and Web Services. It includes core prerequisite courses for curricula such as WebSphere Application Server as well as advanced training for application design and integration.

Our courses are currently organised into the following five skill-building areas:

Java

Java is the industry standard for developing Web applications. No matter what your background or what platform you use, we have a course to help you develop Java applications or prepare for developer certification from IBM.

Object Technology

A strong understanding of Object Technology is a must for application developers with today's programming languages and technologies. Our portfolio includes training in Object Technology concepts, analysis, design, methodologies, and architecture.

Eclipse

The open source Eclipse platform is designed for building integrated development environments. Our curriculum helps you build Object Technology and Java skills, using the Eclipse platform as the development environment.

Web Services

Web Services is a key component of a Service Oriented Architecture (SOA), allowing you to integrate diverse applications with a dynamic set of reusable business services. With our curriculum, you can learn how to build SOAs using the latest Web Services standards.

XML

Knowledge of XML is essential for understanding J2EE, Web Services and more. Our curriculum helps you design, develop and deploy robust, multi-tier applications using XML with the latest implemented standards.

Training Paths

START HERE...

Visit the training path homepage to select the path you need. Each path shows the recommended sequence of courses within this curriculum.
ibm.com/training/us/trainingpaths

WebSphere Training from IBM on YouTube

WebSphere Training has made over thirty course previews available on YouTube. The previews are actual lessons from our full ILO courses and provide you with an excellent way to sample what you will learn in your WebSphere Training course.

Visit WebSphere Training on YouTube at **www.youtube.com**/ WebSphereEducation or see our Crash Course page on the WebSphere Training Website at **ibm.com**/websphere/education

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Ireland: **ibm.com**/training/ie
Denmark: **ibm.com**/training/dk
Sweden: **ibm.com**/training/se

CICS

Curriculum overview

The CICS curriculum contains a robust set of leading-edge courses that will enable you to productively use the latest releases of CICS Transaction Server. Take a look at our new courses designed for the recent V3.2 release of CICS Transaction Server. The new version strengthens application development capabilities and extends CICS applications to SOA. CICS has become an efficient and effective environment for applications written in COBOL, PL/I, C, C++, or Java.

Our courses provide you with the information and skills you need to install, tune, and debug the CICS products, and to design and code applications for these systems. This curriculum provides entry-level to advanced in-depth training, and is also task-oriented, which means you can attain the desired skill level with a minimum number of courses.

New CICS V3.2 SOA and Web Services courses

The convergence of CICS innovation and SOA technology helps make flexible information architectures possible, while preserving the qualities of performance and reliability that your enterprise depends on and CICS delivers. The IBM CICS curriculum can help you build the skills needed to leverage the new functionality of the CICS V3.2 Transaction Server and tools for the integration, application transformation and enterprise management capabilities that enable an SOA. New courses have been added to the CICS curriculum that teach you how to design, code and debug CICS application programmes that use the Web Services features of CICS Transaction Server V3.2.

Train Green. Save Green.

With travel budgets tightening, the increasing costs of air and ground transportation aren't just financial – they also include a negative impact on the environment. However, you can train without travel by enrolling in a remote classroom course from WebSphere Education. Build the professional and technical skills you need with all of the benefits of a WebSphere Education classroom course – including live instruction and hands-on labs – while reducing your carbon footprint and saving money.

For further information visit
ibm.com/training/ilo

Training Paths

Visit the training path homepage to select the path you need. Each path shows the recommended sequence of courses within this curriculum.
ibm.com/training/us/trainingpaths

" *The presentations were good and the exercises reinforced the content.* "

INFORMATION MANAGEMENT

Curriculum overview

Only Information Management Software has the end-to-end capabilities to help you manage your data and content, pull together trusted information that cuts across diverse silos and gain valuable insight to optimise your business. With a comprehensive portfolio of over 400 courses, Information Management provides training that supports a complete range of skill needs from the basics to programming and advanced administration. Multiple delivery formats, include traditional classroom, private customisable on-site, and ILO courses. Our portfolio offers flexible learning options to meet both the budget and time constraints of our students.

Assess your Skills and Save on Information Management Professional Certification

In this challenging economic climate, it is more important than ever to keep your skills up to date with IBM Professional Certification. Now, there is a way to get certified AND keep more money in your pocket – Assess and Save! IBM offers online practice exams that allow you to assess your skills so that you can be successful when you take the actual exam. With Assess and Save, candidates who take and pass Information Management online assessment exam during an offering period will automatically receive a 50 percent off certification voucher good for the corresponding exam. Learn more at:
ibm.com/data/education/voucher.html

Get the Boss to Say, 'Yes!'

Need help convincing management to send you to an IBM Technical Conference? We've put together some powerful business benefits that can strengthen your case.

Visit **ibm.com**/training/conf, choose an event and check out the 'Why you need to attend' box.

IBM Training News – A monthly snapshot of training that's important to your development

Stay on top of IBM's dynamic training offerings when you subscribe to our monthly e-newsletter, 'IBM Training News'. Learn about new classes, certification, conferences and special money saving promotions. You can tailor your subscription to topics that are important to you. Visit your local IBM Training Website or contact the IBM Training team and subscribe today.

Explore the Information Management bookstore

Gain the knowledge you need to perform your job more effectively with books from the IBM Information Management bookstore. With a wide variety of data management books and certification guides to choose from, you can easily select the topics that work for you. Start reading today:
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IBM Cognos

BUSINESS INTELLIGENCE AND FINANCIAL PERFORMANCE MANAGEMENT

Cognos Software

IBM Business Intelligence (BI) and Financial Performance Management (FPM) solutions provide world-class enterprise planning and BI software and services to help companies plan, understand and manage financial and operational performance.

IBM BI and FPM training enables you to get the right training based on your role and your IBM Cognos product. Choose when, where and how you learn. Select from a variety of training options to suit your needs and budget; from classroom courses to e-Learning options. Learn from experts to accelerate deployment and adoption; user performance and productivity; and return on investment.

Training Paths

START HERE...

Visit **ibm.com**/cognos/training to review the appropriate curriculum and select the path you need. Each path shows the recommended sequence of courses within the BI and FPM curriculum.

IBM Cognos 8 BI 8 v4
IBM Cognos 8 FPM 8 v4
IBM Cognos 8 Planning
IBM Cognos 8 Controller
IBM Cognos TM1

Public classroom training

Get out of the office and away from distractions. Our public classroom structure delivers training with knowledgeable instructors and standard materials in a collaborative environment.

On-site classroom training

Bring the classroom to your office. Our certified instructor will come to you to deliver the in-depth training your team needs. You can reduce costs per student and facilitate valuable team interaction.

Custom training

Enhance your learning experience and that of your users to ensure it reflects your business goals. Customisation options include:

- *Your branding*
- *Your data*
- *Your scenarios*
- *Your business application.*

Self-paced training

Self-paced training courses are the perfect complement or alternative to classroom training when you prefer to learn at your own pace. Web-based training (WBT) is delivered to your desktop and available when you need it most.

Instructor-Led Online Courses

Save travel costs and travel time. Connect from almost anywhere. Train a virtual team from multiple locations. Our education team is pleased to offer courses in an exciting new learning format, Instructor-Led Online (ILO). Students are offered a similar experience to live classroom training, with the convenience of having it delivered directly to their desktop.

User Adoption Services

IBM Cognos User Adoption Services assist customers in identifying specific readiness needs of your business users and based on the assessment, we develop and deliver unique training tools and solutions to empower users to be successful with the IBM Cognos solutions.

IBM Cognos Learning Assessment

The IBM Cognos Learning Assessment service extends the value of Cognos BI and FBM solutions via customised education plans for functional users, technical users and business users. The Learning Assessment ensures that education objectives and requirements are captured and communicated, and that customer-tested proven practices are implemented into your education plan.

Register today! Visit your local IBM Training Website for further information on course offerings and education discounts.

Information Management

DATA MANAGEMENT

To leverage information as a strategic asset in today's unique market, many organisations rely on database technology to manage and enable effective business decisions. Organisations demand highly skilled database experts to propel technology into business innovation. IBM Data Management offers a strong collection of training courses and Professional Certifications designed to allow Data Management professionals to extend their business value by becoming experts in the latest innovations from IBM.

With training courses written by experienced course developers and delivered by skilled instructors with direct access to IBM Software labs, Data Management training equips students with the skills they need to maximise their productivity and enhance database performance. Data Management professionals can choose from a variety of learning formats, including our green ILO courses, self-paced Web-based, traditional classroom, and private on-site offerings.

Training Paths

START HERE...

Visit the Information Management training path Website to select the path you need. Each path shows the recommended sequence of courses within the Data Management curriculum.
ibm.com/software/data/education/roadmaps.html

DB2 for Linux, UNIX and Windows
DB2 for System i
DB2 for z/OS
IMS
Informix
U2
Data Warehouse

ILO just got more flexible

Now, not only will you receive the benefits of being in a classroom with the convenience and cost savings of online training, you'll also be able to choose the ILO format that works best for you. Take advantage of ILO Flex Time, shorter sessions over multiple weeks, and ILO Select, 2-3 hour lectures on key technical topics. Learn more at
ibm.com/software/data/education/ilo.html

Training curriculum guides: Now available!

Plan your 2010 training courses with the new curriculum guides. These guides provide a one-page view of all the courses available in your curriculum area, including DB2 Linux, UNIX, Windows, DB2 z/OS, Informix, U2, Optim, SolidDB, InfoSphere, and more! Quickly find courses that are relevant to your interests.

Visit **ibm.com**/software/data/education/curriculumdocs.html

Customise your learning with IBM On-site training

Select the most convenient, cost-effective training method for groups as small as three or as large as 14. Choose from the same quality training we deliver in our classrooms, or customise a course or a selection of courses to best suit your business needs. Have a group that is geographically dispersed? Now you can book a private ILO training course where you can choose the date, time and even customise the course content delivered.

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Norway:	**ibm.com**/training/no	Sweden:	**ibm.com**/training/se

Information Management

ENTERPRISE CONTENT MANAGEMENT

IBM Enterprise Content Management (ECM) helps organisations make better decisions faster by managing content, optimising associated business processes, and enabling compliance through an integrated information infrastructure.

IBM ECM training empowers your organisation to get the most out of its technology investment by making sure the people it relies on to architect, design, deploy, maintain, and support its ECM systems have the knowledge and skill to succeed.

IBM is excited to offer you maximum schedule flexibility and cost savings through our new ECM e-Learning courses. These on demand offerings deliver the same content as our classroom training without the cost and hassles associated with travel.

Training Paths

START HERE...

Visit the Information Management training path Website to select the path you need. Each path shows the recommended sequence of courses within the ECM curriculum.
ibm.com/software/data/education/roadmaps.html

IBM FileNet P8 Platform Administration
IBM FileNet P8 Platform Programming
IBM FileNet P8 Platform Install and Support
IBM Content Manager Administration
IBM Content Manager Programming
IBM Content Manager OnDemand Administration
IBM CommonStore Administration
IBM Document Manager Administration
IBM OmniFind Enterprise Edition Administration
IBM OmniFind Discovery Edition Administration

Complimentary enterprise training plans

Make sure that your team has the knowledge and skill to build, maintain, and support your IBM ECM solution. Request your complimentary enterprise-wide training plan for your architects, designers, programmers, administrators, project managers, and support personnel.

Instructor-Led Online (ILO) Training

ILO courses allow you to be part of a virtual classroom with live instruction, hands-on labs, and real-time group interaction, while saving the time and costs associated with traditional classroom training. With a growing portfolio of ECM ILO courses, now is the ideal time to sign up and benefit from this exciting way to learn.

ECM On Demand eLab training

For people who enjoy the flexibility of self-paced training and don't want to travel, an ECM On Demand eLab is your best solution. eLabs deliver the same course content, exercises, hands-on labs and instructor demonstrations as classroom and ILO courses – and at a lower tuition cost. Learn more and take a tour by visiting **ibm.com**/software/data/content-management/training.html

FileNet Content Manager System Administration training

Five new courses covering FileNet CM system maintenance, bulk operations, back up and restore activities, problem identification and Content Engine Event auditing are now available. These one day 'deep dive' courses are the perfect complement to the FileNet P8 Administration course. Contact your local IBM Training representative for further details.

Information Management

INFOSPHERE

Our team, in conjunction with yours, will develop a learning initiative that fits your situation best. We will use whatever types of learning delivery that fits your needs. Your Education Plan will most likely utilise blended learning – instructor led classes, online courses through our FlexLearning and/or eClassroom (ILO) offerings and possibly different modalities of Extended Learning.

Training Paths

START HERE...

Visit the Information Management training path Website to select the path you need. Each path shows the recommended sequence of courses within the InfoSphere curriculum.
ibm.com/software/data/education/roadmaps.html

Data Analyst or System Analyst
Data Architect
Data Cleansing Developer
Data Integration Architect and Data Integration Developer
Data Quality Architect
Meta Data Architect
Meta Data Developer
Technical Architect
WebSphere Data Integration Suite Overview

Instructor-Led Online Training – Flex Time

This new innovative eClassroom offering blends a unique mix of Instructor-Led Online (ILO) training with traditional continuing training courses scheduled with flexible hours. This delivery style enables you to remain on the job, to eliminate travel expenses, and to minimise time away from home. We have structured our eClassroom delivery much like an online university course. Students will attend the lecture portions of the course material in 3-hour online sessions, delivered remotely over the Web. Labs will be assigned as homework exercises to be completed outside of the lecture time. Access to an eLab environment for the purposes of completing the exercises is provided for the duration of the course. Join us in this new offering, and experience the best of what ILO has to offer!

Perspectives on Technology training

Our thought provoking series of articles explores how Fortune 500 companies are leveraging training to impact their bottom line. Learn how improving morale, retaining talent and embracing a multi-generational workforce can deliver positive business results.

Get the details at
ibm.com/training/us/perspectives

Don't you just love a bargain?

Why pay full-price for training when you purchase the IBM Education Pack? This prepaid electronic debit account can save you up to 15 percent on public classes, on-site training, e-Learning and IBM Technical Conferences.

InfoSphere certification available

Become an IBM Certified Solution Designer and take your skills to the next level with the new InfoSphere Warehouse V9.5 Exam (719). You will validate your ability to perform the intermediate and advanced skills required to design, develop, and support InfoSphere Warehouse V9.5 applications.

Learn more: **ibm.com**/training/certify

Excellent, would recommend to others.

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Finland: **ibm.com**/training/fi | Denmark: **ibm.com**/training/dk
28 | Norway: **ibm.com**/training/no | Sweden: **ibm.com**/training/se

Clients give two thumbs up to IBM Technical Conferences

With more than 30 conferences spanning five continents, IBM Technical Conferences are global events that deliver in-depth technical content on the latest IBM technologies. To hear two customers' reviews visit **ibm.com**/training/conf and go to 'It's time well spent'.

Showcase your talent with Information Management Professional Certification

IBM Professional Certification is a savvy way for skilled IT professionals to demonstrate their expertise to the world. It validates your skills and demonstrates your proficiency in the latest IBM technology and solutions. Training is an essential part of this process. Let IBM help you build the skills you need to formally solidify your credentials.

Get the details at
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Think Blue. Train Green. Sacrifice Nothing.

Going green is more than altruism. It's a smart business move. Companies that transform their power hungry IT infrastructures into leaner, greener operations see results that go straight to their bottom line. Green training also impacts your bottom line. With hundreds of courses available, IBM e-Learning saves you the expense and work disruption of business travel. We offer self-paced Web courses with remote access to instructors and labs. Our Instructor-Led Online (ILO) training brings the classroom and instructor to you with real-time discussions and exciting group dynamics of a traditional class setting.

Stay on track with IBM Training Paths

Make sure you're getting the most out of your education investment by following our training paths. These flowcharts guide you with a recommended sequence of courses based on your job responsibilities. Each box on a training path includes the course title, duration and how it is delivered. Take advantage of this valuable tool and follow the right training path for your success.

Get started at
ibm.com/training/us/trainingpaths

Education Plans are a strategic component of the IBM training solution. Through a close partnership with clients, we collaboratively select the proper training programmes, thereby enabling successful budgeting and scheduling.

LOTUS

Curriculum overview

IBM Lotus Notes, Domino, Sametime, Quickr, Connections, IBM WebSphere Portal, Symphony, Forms, Expeditor.

Circa 1989: Lotus Notes Release 1.0 ships and 35,000 copies sold. In that same year equally as many individuals launched their education and careers in Lotus software. Today, exceeding the 100 million mark for e-mail clients in use, IBM Lotus software takes you into the new millennium with the industry's richest communication and collaboration tools for business. Dashboards, Mashups, and Social software, Team Collaboration and Content Management, Instant Messaging, Mobile and Wireless, Web Conferencing and yes, an exciting, fresh, new e-mail and calendaring product, Notes Domino 8.0.

Circa 2009: Lotus training and education is essential for heightening business results. These results are dependent on broadening and maintaining the software skills of the people developing and supporting these powerful applications within your infrastructure. IBM Lotus offers a complete training curriculum to elevate any organisation's performance to its most effective and efficient level. In fact, the new Lotus method of education introduces role-specific training for each member of your team matched to every stage of an IT deployment. Leverage your investment in IBM Lotus technology with the right skills at the right time. Choose Lotus Education!

IBM WebSphere Portal

IBM WebSphere Portal provides a single, integrated, personalised point of access to Lotus Domino applications and information, a variety of other applications and content, and productivity tools that provide a logical entry point to a flexible Service Oriented Architecture (SOA). With an extensive portfolio of collaboration tools, IBM WebSphere Portal is designed to empower people to be more effective by allowing partners, employees and customers to choose their user experience with personalised applications based on role, context, actions, location, preferences and team collaboration. Leverage the Portal platform; learn how to use the tools, sharpen skills and accelerate your business success.

Save the date for Lotusphere 2010
20–24 January 2010

Attend the premier worldwide event for the Lotus community of developers, administrators, IT and business professionals looking for collaborative software and solutions. From presentations on the latest innovations to hands-on training to interactive networking discussions, it's all about getting the latest word on Lotus products and strategy that you can't get anywhere else. For more details visit
ibm.com/lotus/lotusphere

Lotus Technical Seminar series

These powerful single and multi-day seminars are where developers, architects and administrators can supercharge their skills with intensive, real-world training from our top consultants.

Soar to new heights. The sky's the limit with Lotus Technical Seminars.

Training Paths

START HERE...

Visit the training path homepage and select the Lotus curriculum. Then select the path you need. Each path shows the recommended sequence of courses within this curriculum.
ibm.com/training/us/trainingpaths

IBM Multimedia Library for Lotus Software
The fastest, most affordable way to learn Lotus Notes, Sametime and Quickr

The Multimedia Library for Lotus Notes, Sametime and Quickr will quickly teach your employees the essential skills they need to be successful. New employees will learn key tasks and seasoned employees will learn new features and productivity tips. 'What's new' tutorials teach valuable skills and benefits of new features. This is the ultimate training solution for end users, administrative assistants, mobile users and tech support teams. To view demos and for further information visit **ibm.com**/lotus/mml

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Norway:	**ibm.com**/training/no	Sweden: **ibm.com**/training/se

Lotus Technical Workshops

These new self-paced technical skills workshops enable students to download presentations and labs, and then execute labs remotely, all on their own schedule with no travel required.

Note: An Internet connection is required.

Lotus Professional Certification

The IBM Certified Professional for Lotus Software programme offers professionals the opportunity to receive recognition for their software mastery and expertise at many levels of competency and achievement. To learn more visit **ibm.com**/training/certify

New certifications from Lotus

Two certifications for Quickr 8.1, one Domino based and the second Portal based. They will map to the following exams:

- *957: Administering IBM Lotus Connections 2.0*
- *950: Administering IBM Lotus Quickr 8.1 Services for IBM Lotus Domino*
- *982: Administering IBM Lotus Quickr 8.1 Services for IBM WebSphere Portal.*

Additionally, new certifications for IBM Lotus Notes and Domino release 8.5. Update exams, as well as the first core exams in both Application Development and System Administration. We have the following new tests available:

- *951: IBM Lotus Notes Domino 8.5 Application development Update*
- *956: IBM Lotus Notes Domino 8.5 System administration Update*
- *952: IBM Lotus Notes Domino 8.5 Application development Foundation Skills*
- *980: IBM Lotus Notes Domino 8.5 System Administration Operating Fundamentals*
- *981: IBM Lotus Notes Domino 8.5 Building the Infrastructure.*

IBM Training News – A monthly snapshot of training that's important to your development

Stay on top of IBM's dynamic training offerings when you subscribe to our monthly e-newsletter, 'IBM Training News'. Learn about new classes, certification, conferences and special money-saving promotions. You can tailor your subscription to topics that are important to you. Visit your local IBM Training Website or contact the IBM Training team and subscribe today!

> **This education, especially because of the technical focus and the experience of the speakers was the best one from IBM I ever received (Madrid attendee).**

For local Web details and contacts, see back cover

RATIONAL

Curriculum overview

IBM Rational software helps organisations automate, integrate, and govern the core business process of software and systems delivery via the IBM Rational Software Delivery Platform. Offering an array of products, services, and best practices, this open, modular, and proven solution spans the entire software and systems delivery lifecycle.

The Rational training portfolio is designed to help meet your skill building needs in the four lifecycle categories of Architecture Management, Change and Release Management, Process and Portfolio Management, and Quality Management.

Architecture Management

Architecture Management is a discipline, which focuses on governing changes with software architecture and ensuring architectural integrity and alignment with current requirements and implementations. Our curriculum provides skills with industry-leading Architecture Management tools for architecture and design modelling, model-driven development, component testing, static and runtime analysis activities.

Change and Release Management

Software development is an increasingly complex and dynamic activity. Development frequently occurs in teams that perform parallel development on the same application, often in geographically distributed locations. Our curriculum helps software and systems development teams empower the business by accelerating software delivery, making global teams more efficient, and governing end-to-end software processes.

Process and Portfolio Management

Managers overseeing Process and Portfolio Management efforts need to prioritise investments across projects and accurately scope, estimate, schedule and manage resources. IBM Rational delivers with tools to manage the IT project portfolio lifecycle, reusable processes to manage project work, application lifecycle management solutions to bridge development and operations, and proven expertise in facilitating the organisational transformation that is essential to aligning IT with business objectives. Our curriculum helps customers by training them on the proper use of proven tools and practices.

Quality Management

Quality is the subjective impression felt by end users about how well an application addresses their needs. The IBM Rational toolset provides guidance, best practices and integrated tools, which supports a broad range of heterogeneous applications to help organisations achieve improvements in cost efficiency, quality metrics and time-to-value for business-critical projects. Our curriculum empowers teams to build quality into their products, using automation capabilities to accelerate discovery and diagnosis, ensuring clean communication between the business, development, quality assurance and IT operations.

There are many ways to learn concepts, develop skills, and gain the specialised knowledge needed to master the art of software and systems delivery via the IBM Rational Software Delivery Platform. For more information visit the Rational page on your local Website.

Rational Professional Certification

Validate your technical expertise by certifying your skills.
Differentiate yourself as a committed technical professional by becoming part of the IBM Certified Community. Our integrated certification paths consist of a series of exams designed to validate your technical proficiency **ibm.com**/training/certify

Instructor-Led Online Training

Let your desktop (desk) become a classroom. Let the instructor come to you.
Available e-Learning courses are convenient and cost-effective, but do you miss the benefits of being in a classroom: live instruction, hands-on labs and group interaction? Now you can have it all.

IBM Rational offers our most popular courses in a format we call Instructor-Led Online (ILO). You get the benefits of being in a classroom, with the convenience and cost savings of online training. If your team is geographically dispersed, you can also request that our ILO format be delivered as a private class for your organisation.

Training Paths

Visit the training path homepage to select the path you need. Each path shows the recommended sequence of courses within this curriculum.
ibm.com/training/us/trainingpaths

Rational

TELELOGIC

Telelogic solutions automate and support best practices across the enterprise from powerful modelling of business processes and enterprise architectures to requirements-driven development of advanced systems and software. These solutions enable organisations to align product, systems, and software development lifecycles with business objectives and customer needs to improve quality and predictability, while reducing time-to-market and overall costs.

With Telelogic products and services, IBM can better help customers deliver high quality systems to market faster while reducing costs. Customers benefit from the combined technologies and services of both companies, which include a wide range of software and system development capabilities as well as support from a global sales and services organisation. Beginning 1 November 2008, Telelogic products and product families are available from IBM. IBM Rational offers a complete portfolio of Telelogic product training to help automate and support best practices across the enterprise with various delivery methods including instructor-led, self-paced, and virtual instructor-led training.

Web-based training:
A green alternative

Help reduce your carbon footprint while building skills.
Learn at your own speed with self-paced, Web-based training (WBT) covering a variety of IBM Rational products. Available as course collections, our WBT courses are priced as a portfolio of courses and available on a per user license for one year. Besides in-depth product instruction, each course collection has user authentication and tracking/reporting, and is completely self-contained from the user's desktop through the IBM Learner Portal.
ibm.com/training/us/catalog/rational/weblibrary

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Now you can have all the training information you need at your fingertips with IBM syndicated feeds. Keep up with the latest course updates and new course offerings from IBM Training. Navigate through the list to browse the feeds by category.
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2010 IBM Technical Conference

IBM Rational Software Development Conference 2010
6–10 June 2010 – Orlando, Florida
Join more than 2500 great minds from around the world at the IBM Rational Software Conference 2010, where IBM clients, business partners, industry analysts and the IBM Rational team come together to learn more about the latest industry trends, key new products and advances in the IBM Rational Software Delivery Platform. For more details visit our Website at **ibm.com**/training/conf

Reap the savings rewards with the IBM Education Pack online account
Purchase an IBM Education Pack now and enjoy 12 months of discounted training. This prepaid electronic debit account can save you up to 12 percent when you train. Use it to pay for public classes, IBM Technical Conferences, on-site training and e-Learning. One account can be used to pay for training an individual or an entire department. It's easy to use – no paperwork, no multiple POs, no hassles.

" The classroom and equipment were all very good. "

SERVICE ORIENTED ARCHITECTURE (SOA)

Curriculum overview

The escalating demand for Service Oriented Architecture (SOA) can be daunting for companies looking to hire experienced IT practitioners with SOA skills. A significant number of today's IT workers do not have experience with SOAP, XML Schema Definition Language (XSDL), Web Services Description Language (WSDL), XQuery or XSL Transformation (XSLT). These skill gaps can impede and delay deployments among all but the most forward businesses. Often, the speed with which companies deploy SOA and the extent to which their SOA initiatives reach across their organisations depends heavily on the availability of SOA skills. In a recent IBM survey, 56 percent of respondents stated that the lack of SOA skills was the number one barrier to SOA adoption.

Comprehensive SOA curriculum

The SOA curriculum offers a comprehensive list of courses designed to advance your skills from basic SOA concepts to the practical understanding you need to design and implement an SOA. Lay the foundation for your SOA with a suite of Web-based training – courses VW003, VW004 and VW005 – that can help you begin planning and implementing a SOA within your company by providing an overview of important SOA concepts, such as SOA Governance, Web Services and SOA and best practices. After laying the groundwork for your SOA, IBM WebSphere offers deep-dive, instructor-led training with hands-on labs that build practical experience for developers and business analysts with courses such as WS008/VS008. The SOA curriculum can also prepare you to earn the IBM Certified SOA Associate and SOA Solution Designer credentials.

Training Paths

START HERE...

Visit the training path homepage to select the path you need. Each path shows the recommended sequence of courses within this curriculum.
ibm.com/training/us/trainingpaths

## On-site IBM WebSphere Training Plays a Key Role in the Deployment of SOA

When Sears Canada was planning a major SOA implementation, their IT architect knew support from management and IT staff would be key to success. To inform management and upgrade IT staff skills, he turned to IBM for a multi-tiered training solution. To learn more visit
ibm.com/training/us/onsite/casestudies

WebSphere Training from IBM on YouTube

WebSphere Training has made over thirty course previews available on YouTube. The previews are actual lessons from our full Instructor-Led Online (ILO) courses and provide you with an excellent way to sample what you will learn in your WebSphere Training course. Visit WebSphere education on YouTube at **www.youtube.com**/WebSphereEducation or see our Crash Course page on the WebSphere Training Website at
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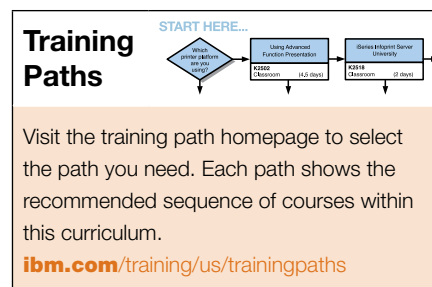
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Train Green. Save Green.

With travel budgets tightening, the increasing costs of air and ground transportation aren't just financial – they also include a negative impact on the environment. However, you can train without travel by enrolling in a remote classroom course from WebSphere Training. Build the professional and technical skills you need with all of the benefits of a WebSphere Training classroom course – including live instruction and hands-on labs – while reducing your carbon footprint and saving money.

For further information visit **ibm.com**/training/ilo

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Build business and technical skills with WebSphere training

It's no longer enough for a programmer to be just a programmer. In today's multi-function world, even techies need to possess more of the skills traditionally associated with other business functions – skills like strategic thinking, interpersonal communication, project management and business analysis. A skilled professional has both broad and deep capabilities, encompassing both business skills and deep technical understanding.

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Need help convincing management to send you to an IBM Technical Conference? We've put together some powerful business benefits that can strengthen your case.

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Our thought provoking series of articles explores how Fortune 500 companies are leveraging training to impact their bottom line. Learn how improving morale, retaining talent and embracing a multi-generational workforce can deliver positive business results. Get the details at **ibm.com**/training/us/perspectives

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As an IT driven business strategy, SOA has created a requirement for my team to understand both its business and technology implications. The new Business Skills for IT Professionals curriculum from WebSphere Education coupled with the comprehensive SOA training provide the balance of IT and business skills my team needs to succeed with SOA.

TIVOLI AND SERVICE MANAGEMENT

Curriculum overview

Demanding times require intelligent solutions. Integrating your IT infrastructure has become a business necessity. Intelligent management software from Tivoli helps you realise maximum business value by enabling you to integrate, manage, and secure your e-business infrastructures and processes end-to-end.

Tivoli software adopts one of the most open standards of any service management software provider today, and integrates data warehouse technology that leverages infrastructure performance data gathered from across the organisation. We can therefore help your organisation evolve from focusing on the fundamental demands of e-business to the more complex business requirements of an on-demand world.

Intelligent solutions demand world-class training. Training is not an option for companies that want to remain competitive; it is a critical component of a successful business strategy. IBM offers an extensive portfolio of courses to help you gain critical skills for every Tivoli solution.

Visit your local IBM Tivoli Training homepage to view a complete listing of our technical training courses and material including Instructor-Led Online, classroom, on-site, Web-based, and whitepapers or contact us at:
tived@uk.ibm.com (Europe)

Need deployment assistance?

With IBM Software Services for Tivoli, you get the most knowledgeable experts on Tivoli technology to accelerate your implementation and mitigate risk. We leverage a worldwide team of highly skilled consultants with broad architectural knowledge, deep technical skills, best practices to provide proven solution design consulting, rapid deployment, integration, configuration and optimisation of your Tivoli software solution. No matter where you are in your transformation to IT service management, IBM Software Services for Tivoli has the right services for you.

Night owls and early birds can train when they want with the IBM Tivoli Web-based training library

Grow your skills at your convenience with the IBM Tivoli Web-based training library. An annual subscription gives you unlimited access to the entire library of courses including self-paced courses interwoven with product simulations, and Web seminars featuring Tivoli experts and delta technical updates that give detailed training on what's new in a Tivoli product release. Save 65 percent off individual course list price with one user subscription or save up to 77 percent off an individual course price when you get a ten user subscription!

Training Paths

Visit the training path homepage to select the path you need. Each path shows the recommended sequence of courses within this curriculum.
ibm.com/training/us/trainingpaths

You need the right skills and experience to manage your IT services and to leverage your most valuable assets – your people. They need the knowledge to maximise the IBM technology in your environment. IBM Software Services for Tivoli has a proven approach to prepare your staff and assist them to architect, build, deploy and support your IT management solution.

Visit

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IBM Service Management

IBM Service Management solutions from Tivoli can help you efficiently and effectively align IT performance to business goals. Let IBM help you take back control, address your top IT challenges and accelerate your return on investment with a better way to manage the business of IT. IBM Tivoli training offers a complete portfolio of Service Management courses to help you meet your business and IT challenges. For more information visit
ibm.com/software/tivoli/solutions/smb

IT Management Solutions for growing mid-market businesses

IBM offers solutions to help mid-market businesses grow. Tivoli offers the visibility, control and automation to deliver solutions in asset protection and security, systems management and automation, and data backup and recovery.
For more information visit
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IBM Tivoli e-Learning NEW! Instructor-Led Online Training

Think Blue. Train Green.
Sacrifice Nothing.
Did you know that just one 1000-mile flight can release as much carbon dioxide as the average family car generates in three months? Go green with IBM's newest training option! Let the classroom come to you! IBM offers our most popular courses in a new format – Instructor-Led Online.

Choose from dozens of courses that offer our highest-rated classroom instructors and content with the flexibility, convenience and cost savings of online training. Good for you and good for the planet! For an engaging demo and to view our portfolio of courses visit your local ILO page:
ibm.com/training/ilo

Learn, Anywhere, Anytime

IBM Tivoli training provides over 400 e-Learning offerings including Web-based training with remote hands-on labs, complimentary Web seminars, whitepapers and other resources.

Each meets the needs of users and administrators at various skill levels. The remote labs allow you to receive hands-on experience with actual Tivoli software in an online environment, enabling you to understand and master Tivoli technologies outside of a production or testing environment. For further information visit your local IBM Tivoli Training page or contact:
tived@uk.ibm.com (Europe)

Complimentary IBM Tivoli Support Technical Exchange Webcasts

Do you need more technical information about Tivoli products? Product experts deliver support-related discussions containing product information, deployment and trouble-shooting tips, common issues, resources and other Support and Services recommendations. **They are interactive, informative, and best of all – free!** Hear it straight from the experts! To learn more visit
ibm.com/software/sysmgmt/products/support/supp_tech_exch.html

IT Infrastructure Library

If you're looking for the best practice approach to IT service support and delivery in your business to improve customer satisfaction and reduce IT costs, get the skills you need to do it right the first time with four IT Infrastructure Library (ITIL) Training courses from Tivoli.

Information Technology (IT) Infrastructure Library (ITIL) is one of the hottest trends in IT service management today. ITIL is a non-proprietary set of best practices that have become the de-facto international standard for IT service management. Don't be left behind – learn a systematic approach to management and best practices with Tivoli's ITIL training courses. To learn more visit
ibm.com/training/us/catalog/tivoli

Knowledge resources

Tivoli-related articles, white papers, technical briefs, Redbooks, FAQs, and notes, as well as product updates and announcements of the latest Tivoli technical developments. For more information on our extensive resources visit
ibm.com/software/tivoli/education/resources.html

Get trained to prepare for New Tivoli Product Certifications

Each month, new IBM Tivoli certifications are added to our extensive offerings. Training from IBM can help you build your skills so you are ready to sit for the exams. To learn more about Tivoli exams, educational resources and special offers visit **ibm.com**/training/certify

WEBSPHERE

Curriculum overview

IBM WebSphere training delivers a comprehensive portfolio of training services to help you successfully deploy Service Oriented Architecture (SOA) and integrate IBM WebSphere middleware products to achieve the maximum benefit. Our curriculum provides a unique training value built on exclusive product knowledge, a complete training experience and flexible training options.

IBM WebSphere training provides training that spans the spectrum of skill needs from introductory product overviews to advanced programming and administration. Several training options, including classroom, private customised courses and Instructor-Led Online learning that lets students train from their office, provide flexible training options to meet both budget and time priorities.

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" Instructor was organised, professional and honest. "

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WebSphere

BUSINESS PROCESS MANAGEMENT

Key products, such as IBM WebSphere Business Modeler, IBM WebSphere Business Monitor, IBM WebSphere Process Server and IBM WebSphere Integration Developer can help your organisation leverage the Business Process Management (BPM) tools and skills that underlie a business' capability to respond to unexpected challenges in the marketplace. The BPM orientated WebSphere curriculum mirrors IBM's holistic approach to BPM with a deep set of courses across the IBM WebSphere products and the IT and business roles that enable BPM.

A comprehensive set of training offerings supports all phases of the BPM life-cycle, from modelling – IBM WebSphere Business Modeler, through development – IBM WebSphere Integration Developer, deployment – IBM WebSphere Process Server and monitoring of business processes with IBM WebSphere Business Monitor.

Training Paths

START HERE...

Visit the training path homepage to select the path you need. Each path shows the recommended sequence of courses within this curriculum.
ibm.com/training/us/trainingpaths

Plan your training the easy way. With New WebSphere Training Paths it is easy to plan your training, with a visual representation of the courses and certifications available for your role. Over 50 training paths are available, including newly added training paths for WebSphere Service Registry and Repository, WebSphere Integration Developer and WebSphere Business Services Fabric. See all of the available training paths at **ibm.com**/training/us/trainingpaths

IBM WebSphere Training on YouTube

WebSphere training has made over thirty course previews available on YouTube. The previews are actual lessons from our full Instructor-Led Online (ILO) courses and provides with you an excellent way to sample what you will learn in your WebSphere training course. Visit WebSphere training on YouTube at **www.youtube.com**/WebSphereEducation or see our Crash Course page on the WebSphere training Website at **ibm.com**/websphere/education

WebSphere

BUSINESS SKILLS FOR IT PROFESSIONALS

Build business and technical skills with WebSphere Training

It's no longer enough for a programmer to be just a programmer. In today's multi-function world, even techies need to possess more of the skills traditionally associated with other business functions – skills like strategic thinking, interpersonal communication, project management and business analysis. A skilled professional has both broad and deep capabilities, encompassing both business skills and deep technical understanding.

New business-driven IT paradigms, such as Business Process Management (BPM) and Service Oriented Architecture (SOA), require interdisciplinary thinking. Companies – and your career – are best served by individuals who can speak the languages of business, technology and social-organisational change. Not only do you need to understand the technology, but you need to understand the importance of how to apply the technology and then make changes.

IT professionals believe that employers value interpersonal and communication skills along with technical skills followed by strategic thinking and project management. To get those skills, many plan to upgrade their business skills within two years, either through self-study or online training.

The WebSphere Training Business Skills for IT Professionals curriculum can keep your career moving forward and get you ready to implement BPM and SOA with WebSphere by rounding out your technical expertise with in-demand business skills. Several courses are now available for enrolment – including courses addressing project management, business analysis and leadership – with additional ones being added soon. To learn more visit
ibm.com/websphere/education

On-site WebSphere Training plays a key role in the deployment of SOA

When Sears Canada was planning a major SOA implementation, their IT architect knew support from management and IT staff would be a key to success. To inform management and upgrade IT staff skills, he turned to IBM for a multi-tiered training solution. To learn more visit
ibm.com/training/us/onsite/casestudies

Train Green. Save Green.

With travel budgets tightening, the increasing costs of air and ground transportation aren't just financial – they also include a negative impact on the environment. However, you can train without travel by enrolling in a remote classroom course from WebSphere training. Build the professional and technical skills you need with all of the benefits of a WebSphere training classroom course – including live instruction and hands-on labs – while reducing your carbon footprint and saving money.

Maximise your IT investment and minimise your learning curve

Training from IBM builds your skills so you can fully exploit the rich features in IBM (software or hardware). Choose the format that works for you – on-site classes, public courses and e-Learning. Visit your local IBM Training page for further information.

Companies profit by investing in their workforce

Retaining a skilled workforce is important for a firm to remain competitive. Research shows that financial incentives are less motivating for retaining employees. Rather skills development and advancement opportunities are key for job satisfaction. Read the full report in 'Winning the battle for talent' at
ibm.com/training/us/talent

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WebSphere

APPLICATION INTEGRATION

To meet the broad skill requirements for developing an application integration infrastructure, the WebSphere Application Integration curriculum provides courses spanning introductory to advanced topics across key roles, including system administrator and application developer. From implementation courses for WebSphere ESB to WebSphere Adapter development topics and WebSphere MQ system administration classes, the WebSphere application integration curriculum arms you or your team with the core skills to leverage WebSphere application integration software to achieve immediate business impact.

New and improved WebSphere training: Now with certification included!

IBM WebSphere training is making certification easier than ever before by including no-charge certification testing with many courses. With every qualifying classroom or Instructor-Led Online training course you attend, you will receive a certification promotional code that will enable you take the aligning eligible certification exam free of charge. To see which courses include no-charge certification visit **ibm.com**/certify/news/20080116.shtml

Plan your WebSphere Application Server training the easy way with new training roadmaps

With WebSphere training paths it is easy to plan your training with a visual representation of the courses and certifications available for your role. Over 50 training paths are available, including newly added training paths for WebSphere Application Server V7. View this training path at **ibm.com**/training/us/trainingpaths

New! WebSphere Training Expert Arena

Now you can extend your hands-on lab sessions for many WebSphere training courses. You can purchase 100 hours or more of remote lab access to continue practicing with the fully functional versions of the software you studied during your class. WebSphere Expert Arenas are also an excellent way to test configuration changes before you deploy them in your production environment. Visit the WebSphere training Website at **ibm.com**/websphere/education for more information and listing of available WebSphere training Expert Arenas.

IBM Certification introduces new WebSphere Message Broker Certifications

Demonstrate your advanced knowledge of WebSphere Message Broker V6.1 with two new certifications for system administrators and solution developers: system administrator WebSphere Message Broker V6.1 and Solution Developer for WebSphere Message Broker V6.1 certifications. These new intermediate certifications validate your expertise to administer and deploy solutions for WebSphere Message Broker V6.1.

WebSphere Application Integration curriculum adds courses for WebSphere MQ V7

With the announcement of WebSphere MQ V7, IBM has taken the market leading message orientated middleware product to the next level with significant performance and functionality enhancements. WebSphere training has comprehensively updated the curriculum of courses that provides training options for both the new or seasoned WebSphere MQ user. The core training for WebSphere MQ administrators and developers includes transition courses, JMS and advanced administration.

IBM Certification introduces new WebSphere Process Server Certifications

Demonstrate your advanced knowledge of WebSphere Process Server V6.1 with two new certifications for system administrators: system administrator – WebSphere Process Server V6.1 and administrator for SOA Solutions – WebSphere Process Server V6.1 certifications. These new certifications validate your expertise to install, configure and troubleshoot WebSphere Process Server V6.1.

Training Paths

Visit the training path homepage to select the path you need. Each path shows the recommended sequence of courses within this curriculum.
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WebSphere

APPLICATION SERVER

IBM WebSphere Application Server is a comprehensive J2EE application that provides a scalable, security-rich deployment environment for Service Oriented Architecture (SOA). With multiple configuration options, the WebSphere Application Server family offers capability levels that meet your current infrastructure needs and allow for seamless migrations to more advanced versions.

Adding to the robustness of the WebSphere Application Server family is IBM Rational Application Developer for WebSphere Software, a comprehensive integrated development environment that enables software developers to quickly design, develop, analyse, test, profile and deploy SOA, Java, J2EE and portal applications.

With topics such as WebSphere Application Server V6.1 administration and advanced management, Servlet and JSP Development with Rational Application Developer V6.0 and WebSphere Application Server problem determination and performance tuning, this comprehensive curriculum can help you and your team leverage the business benefits of an SOA.

WebSphere Application Server curriculum upgraded for Version 7

WebSphere Application Server just turned 10 years old. Whether you are a long-time WebSphere Application Server user or new to the leading application server platform, WebSphere training has core to advanced training to help you leverage the new features and capabilities of WebSphere Application Server V7. You can get a jump start now and develop WebSphere Application Server V7 delta skills through our currently available transition course.

Clients give thumbs up to IBM Technical Conferences

With more than 30 conferences spanning five continents, IBM Technical Conferences are global events that deliver in-depth technical content on the latest IBM technologies. To hear two customers' reviews visit **ibm.com**/training/conf and go to 'It's time well spent'.

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Why pay full-price for training when you purchase the IBM Education Pack? This prepaid electronic debit account can save money for you on public classes, on-site training, e-Learning and IBM Technical Conferences. Visit your local IBM Training Website for details.

Ten years going, IBM WebSphere Application Server V7 continues to lead with new and innovative features and the latest standards support for EJB 3 and Java EE 5. With new WebSphere Application Server V7 training from IBM WebSphere Education I am ready to leverage WebSphere Application Server for my SOA.

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WebSphere

COMMERCE

Leading retailers have turned to IBM and WebSphere Commerce again and again to help them realise the full potential of next generation e-commerce and multi-channel retailing. This has paid off for them with industry recognition, prestigious awards and chart-topping online revenues.

Behind this success is the capability of your organisation to leverage the full functionality of WebSphere Commerce V6, such as new Web 2.0 and rich-media features. Your skill building will consist of efficient Web-based training that build introductory skills to classroom courses with hands-on labs that cement advanced skills. You will learn the skills required to install, customise, operate and maintain the WebSphere Commerce infrastructure.

You can also discover how to use WebSphere Commerce to manage an e-commerce business as small as a single site to high volume global presences.

Showcase your talent with WebSphere Professional Certification

IBM Professional Certification is a savvy way for skilled IT professionals to demonstrate their expertise to the world. It validates your skills and demonstrates your proficiency in the latest IBM technology and solutions. Training is an essential part of this process. Let IBM help you build the skills you need to formally solidify your credentials. Get the details at **ibm.com**/training/certify

> " Good pace and balance between practical sessions/presentation. "

WebSphere

VOICE

Today, we connect mobile people to the information and applications they need – anytime, anywhere, on demand. We also can move the workplace to any space, using wireless and voice middleware on the server side to support the broadest spectrum of mobile networks and a wide array of devices on the client side. In addition, we enable users of telephones, wired or wireless, to conduct business transactions or access information simply by speaking.

Think Blue. Train Green. Sacrifice Nothing.

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Stay on track with IBM Training Paths

Make sure you're getting the most out of your training investment by following our training paths. These flowcharts guide you with a recommended sequence of courses based on your job responsibilities. Each box on a training path includes the course title, duration and how it is delivered. Take advantage of this valuable tool and follow the right training path for your success.
Get started at
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