



## HIGH-END TECHNOLOGY, BUSINESS TRAINING & CONSULTING



# Welcome to Fast Lane



The worldwide Fast Lane Group specializes in high-end technology and business training and consulting. We offer complete, authorized training solutions for leading technology vendors, including Cisco, Microsoft, NetApp, VMware, IBM, Salesforce, Progress and other major technology providers. In addition to those vendor's standard curricula, Fast Lane also develops advanced technology and sales courses. Our technical experts have real-world experience plus access to authorized vendor content and our advanced labs provide a first-rate training experience that raises the bar for training quality.

Fast Lane offers numerous ways for you to get the training you need. Our Instructor-Led Training (ILT), Instructor-Led Online (ILO), and FLEX™ Classroom courses utilize authorized vendor and custom-developed curricula. In addition to our extensive public course schedule, we can provide private group on-site training at your choice of location. We also offer E-Learning solutions to help round out and enhance your experience.

Fast Lane is represented worldwide in more than 60 countries with subsidiaries in all regions. The head offices are in Berlin, Cary/NC, San José, Ljubljana, St. Petersburg, Singapore, Sydney, Bangalore, Beijing and Johannesburg.



Torsten Poels  
CEO & Chairman of the Board  
Fast Lane



## Fast Lane Services

- ✓ High-end Technology Training
- ✓ Business & Softskill Training
- ✓ Consulting Services
- ✓ Sales & Business Enablement
- ✓ Managed Services
- ✓ E-Learning
- ✓ Remote Labs
- ✓ Content Development
- ✓ Guaranteed Dates
- ✓ Onsite Training
- ✓ Talent Programs

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#### Panamá

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## Fast Lane LIVE: Your new one-stop-shop for digital learning

We have extended our competence and experience in the development of high-quality training to a forward-looking, digital platform: Fast Lane LIVE!

Fast Lane LIVE is an interactive, digital learning platform that gives you instant access to a variety of e-learning products, remote labs, and companion services.

Learn more at [www.fastlane.live!](http://www.fastlane.live!)

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# The Fast Lane Group at a glance

Fast Lane is a specialist in technology and business training and consulting services in the high-end sector.

## Awarded several times

- Awarded several times
- • Cisco Global Learning Partner of the Year 2016
- • Cisco MCO Learning Partner of the Year 2016
- • Cisco LATAM Learning Partner of the Year 2016
- • Cisco CANSAC Learning Partner of the Year 2016
- • Cisco MCO Learning Partner of the Year 2016
- • Cisco CANSAC Learning Partner of the Year 2015
- • Cisco Global Learning Partner of the Year 2013
- • Cisco LATAM Learning Partner of the Year 2013
- • Cisco CANSAC Learning Partner of the Year 2013
- • Cisco México Learning Partner of the Year 2013
- • Cisco CANSAC Learning Partner of the Year 2012
- • Cisco Top Relevance Award EMEAR 2012
- • Cisco Acceleration Award EMEAR 2012
- • Cisco CANSAC Learning Partner of the Year 2011
- • Cisco European Learning Partner of the Year 2011
- • Cisco Award of Excellence in Relevance Europe 2011
- • Cisco Award of Excellence in Relevance US 2011
- • Cisco CANSAC Learning Partner of the Year 2010
- • Cisco European Learning Partner of the Year 2010
- • Cisco Worldwide Excellence in Acceleration 2010 Award
- Award
- • Cisco Excellence in Innovation 2010 Award
- Emerging Markets
- • Cisco CANSAC Learning Partner of the Year 2009
- • Cisco European Learning Partner of the Year 2009
- • Cisco Learning Partner of the Year 2009 Emerging
- Countries
- • Cisco WWLPC Excellence in Innovation 2009
- Global Award
- • Microsoft Learning Partner of the Year Award 2017
- • NetApp Partner Award 2011
- • VMware EMEA Education, 'Rising Star of the Year' Award 2015
- • Premier VMware Authorized Training Center (VATC) Status in 2013
- • VMware EMEA Training (VATC) Partner of the Year 2012
- • Oracle Approved Education Reseller Partner of the Year 2012
- • Top 20 IT Training Company 2016 named by TrainingIndustry.com
- • Top 20 IT Training Company 2015 named by TrainingIndustry.com
- • Top 20 IT Training Company 2014 named by TrainingIndustry.com
- • Top 20 IT Training Company 2013 named by TrainingIndustry.com
- • Top 20 IT Training Company 2012 named by TrainingIndustry.com
- • Top 20 IT Training Company 2011 named by TrainingIndustry.com
- • Top 20 IT Training Company 2010 named by TrainingIndustry.com
- • Top 20 IT Training Company 2009 named by TrainingIndustry.com
- • Top 20 IT Training Company 2008 named by TrainingIndustry.com

## Highly specialized know-how



Fast Lane has developed its own technology training courses on Cloud, Internet of Things (IoT), Security or DevOps and offers consulting services for all technologies.

1,675 experienced trainers and consultants with a total of more than 19,000 certifications



Worldwide unique laboratory infrastructure for practical exercises

More than 550 high-end training and demo labs around the world with 24x7 live support are fail-safe for our customers.

41,000 students continue training each year at Fast Lane.



Partner network with more than 200 channel partners worldwide.



Worldwide presence with more than 200 locations in 60 countries.



We train and advise large companies of all industries worldwide, large service providers and authorities in a total of 12 languages. The Fast Lane headquarters are located in Berlin, Cary / NC, Panama City, Ljubljana, St. Petersburg, Singapore, Sydney, Bangalore, Beijing and Dubai.

### Different training methods



Classroom training in top equipped training centers



Instructor-led Online Training (ILO)



Flex Classroom – Classroom and ILO combined



Onsite and customized training at the customer site



E-Learning mit Videos, Assessments, Labs, Mentoring u.a.



More than 6,400 classroom training sessions per year, comprehensive range of warranty services offers planning security.



Numerous price developments on behalf of different manufacturers

Over 4,000 course titles on offer, more than 100 new products, services and services every year

### Fast Lane Services



Full-Service Business in Business Transformation, Sales Enablement, Demand Generation, Managed Services, Content Development, Mentored Install.

# Successful digitalization

Digitalization is changing all economic sectors. Most companies are now dealing with digitalization and the use of new technologies. Are you ready to master the challenges of digital transformation?

Fast Lane offers comprehensive services for developing your digital strategy and for successful business transformation.



More information: [www.flane.com.pa/enabling-digital-business](http://www.flane.com.pa/enabling-digital-business)

## Technologies and solutions for digital transformation

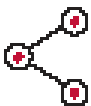
Our offerings take into account the complexity and impact of the latest transformative technologies, which are widely regarded as key to next-generation IT. Future IT will be distributed, software-based, automated, highly secure and reliable, and will include a wide range of manufacturers. Our services enable companies to implement new business models and successfully navigate the path to the digital enterprise.

### Virtualization



Improve flexibility and utilization through server, storage and network virtualization. We prepare you optimally for the planning and use of your virtualization solutions.

### Internet of Things (IoT)



Benefit from the networking of devices, machines and things. Learn how to enable the dynamic creation, analysis and communication of data, increase operational efficiency and optimize processes and business models.

### Big Data & Analytics



Manage and analyze your data in a way that makes sense. We offer the training programs you need to develop, network, analyze and analyze large structured and unstructured data assets.

### Collaboration



Simplify collaboration inside and outside your company. We provide the critical training you need to design and operate collaboration and unified communications applications, components, and networks.

### Cloud Computing



Learn how cloud computing enables „Everything as a Service“. We teach you the skills you need to improve your IT efficiency and business agility.

### Enterprise Mobility



Study areas such as identity, mobile management and security. We cover all enterprise mobility aspects through comprehensive training offers.

### Security



Master all the security challenges posed by digitalization. We provide IT professionals with the knowledge and skills they need to optimally secure their critical infrastructures, data and systems.

### Customer / Workforce Experience



IT must be an integral part of business processes, offering new ways to improve customer loyalty through improved user experience. We will show you how to optimally use the potential of digitalization for your customers and employees.

## Education Services

In addition to the implementation of thousands of IT, business and soft-skill training courses in numerous countries and languages worldwide, we offer you a broad range of services that has proven itself many times over in practice. These include Managed Training Services, Individual Business Qualification Programs, Content Development, Learning on Demand and Learning as a Service (LaaS) or Mentored Installation Services.

## Managed Enablement Services

As a specialist in sales enablement and business services, we offer you our services for all essential technologies and digitalization solutions. Our Managed Enablement™ services accelerate business outcomes by helping manufacturers and systems integrators bring complex solutions to the market and gain hands-on experience of these solutions.

### Awareness and customer qualification

#### Webinars

This service gives potential customers an introduction to a specific solution, taking into account relevant use cases, and can be adapted to different industries and your go-to-market approach. Fast Lane experts work with you to develop your individual message and deliver a webinar exactly to your wishes. Awareness webinars increase interest and support the decision of your customers for your solution.

#### Roadshows

With our roadshow offer we offer you a comprehensive solution to convince potential customers of the advantages and business outcomes of your technologies and solutions. An event typically lasts one day. Business and technology decision makers are given the know-how needed to make a sound assessment of the profitability and suitability of a specific technology for their company.

### Demand Generation Services

#### Test Drives

A test drive (or proof-of-concept event) provides technical decision makers with details about a specific solution and a specific application. After the Test Drive, all of your customers' key questions and concerns will be answered, and your customers will realize which business value can be achieved by implementing the solution.

#### Customer Engagement Workshops

In the event that the solution or use case is not clear to a particular customer, our Customer Engagement Workshop provides an opportunity to tailor your solution portfolio to the customer's specific needs, use cases, and business environment. The workshop identifies your customer's current problems and highlights potential improvements through the use of your solution portfolio. The different stakeholders of the customer will be shown how the solution fulfills their various requirements including desired business outcomes and ROI.

### Deployment Services

#### Rapid Prototyping

We typically offer this service after one or more customer engagement workshops to develop a prototype of the proposed solution and demonstrate the functionality and value to the business to the customer.

#### Mentored Install

Our mentored install service is a special form of staff augmentation. The service includes one or more hands-on design and implementation workshops for you or your local customer, combined with additional support and mentoring after the workshops. We support you with the decisive know-how for the successful introduction and implementation of complex solutions.

### Experts 4 Hire & Staff Augmentation

You can count on competent Fast Lane experts from all regions worldwide throughout the sales cycle of your solutions. Our specialists include Account Managers (AM), Pre-Sales Engineers (SE) and Solution Architects (SA), who are well-trained in the distribution and design of a wide variety of solutions. Wherever you need it, we'll help you on your way to successful deals and show your customers the value and benefits of your solution.



**Do you have questions about our Managed Enablement Services?**

Just tell us your requirements by sending an email to [info@flane.com.pa](mailto:info@flane.com.pa).

# Fast Lane LIVE

## Your one stop shop for digital learning!

Fast Lane LIVE is an interactive, digital learning platform that gives you direct access to a wide range of high-quality e-learning products and services.

Unlike other providers' platforms, we do not rely on a single learning management system. Fast Lane LIVE offers a flexible combination of different applications that provide you seamless access to all the components of your digital learning journey, regardless of where they are hosted.

### Seamless navigation through Fast Lane ID

With other learning products, there is a different platform and a different login for each provider. Fast Lane LIVE relies on a comprehensive single sign-on solution with the Fast Lane ID, which enables you to access all products with just one login and launch them conveniently from your central dashboard.

### Anywhere, Anytime & Any Device

Log in to your profile at any time and from any location and continue your journey through the Fast Lane LIVE learning network.

### Sophisticated E-Learning Catalogue

Fast Lane LIVE offers you a wide range of e-learning products in various subject areas such as Data Science, Microsoft Azure or Cisco Security. Alongside our high-quality Fast Lane E-Learnings, we also offer the official premium E-Learnings of the manufacturers.

### Remote Labs

Fast Lane LIVE gives you access to our entire catalogue of high-end laboratories. Choose a lab and ask for availability, book your lab and log in to the Fast Lane remote lab client via Fast Lane ID.

### Learning-as-a-Service (LaaSS)

We offer our LaaS package for all e-learning courses. The package includes supporting services to support you on your learning trip: such as first-class online coaching that allows you to achieve your goals quickly and sustainably.

### E-Commerce

All products in our Fast Lane LIVE catalogue are supported by a modern e-commerce system. Pay comfortably online or by traditional invoice.

### Individual Enterprise Solutions

Looking for a comprehensive solution for your team or company? We can happily provide you with an individual solution.

More information: [www.fastlane.live](http://www.fastlane.live)

The screenshot displays the Fast Lane LIVE website interface. At the top, there is a navigation bar with 'Home', 'About Us', 'Services', and 'My Account' links. Below the navigation bar is a hero section with a background image of a person climbing stairs, featuring the text 'Learn. Transform. Succeed.' and a search bar with the placeholder 'Search from 500+ Courses'. The main content area is divided into several sections: 'Popular Learning Titles' with five course cards (Azure Fundamentals, Microsoft Azure Virtual Networks, Enabling and Managing Office 365, Microsoft Azure Identity, and Microsoft Azure Virtual Machines); 'Learning-as-a-Service (LaaSS) more than just E-Learning!' with a sub-headline 'Our innovative Learning-as-a-Service bundle connects course learning needs to the services you need to achieve your goals faster.'; 'Popular Learning Products' with five product cards (Microsoft Azure Backup Program, Provisioning SQL Server and Azure SQL Databases, Microsoft Data Science Program, Microsoft SQL Server Applications Bundles, and MSRP Productivity Bundle); 'News & Events' with four news cards; and 'Trusted, Awarded & Accredited' with logos for Microsoft Partner, IBM, Oracle, and others. At the bottom, there are statistics: '41K+ STUDENTS Every Year', '19K+ LEAD OPPORTUNITIES And E-Learnings', '4K+ OTHER COURSE TITLES', and '7K+ ONLINE TRAINING EVENTS A Year'. A footer section includes a newsletter sign-up form with the text 'Stay up to date with our newsletter' and a 'SEND' button.



## Fast Lane LIVE offer

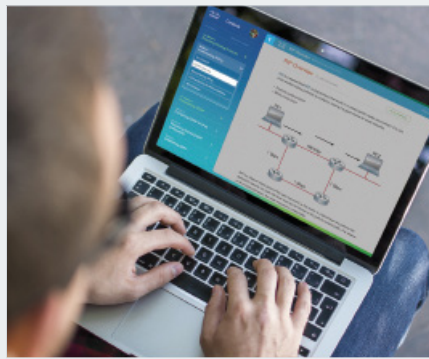
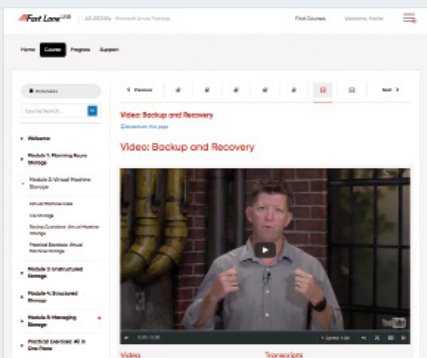
### High-end e-learning catalog

Fast Lane LIVE offers you a wide range of e-learning products for demanding technology topics.

Our e-learning catalog currently includes:

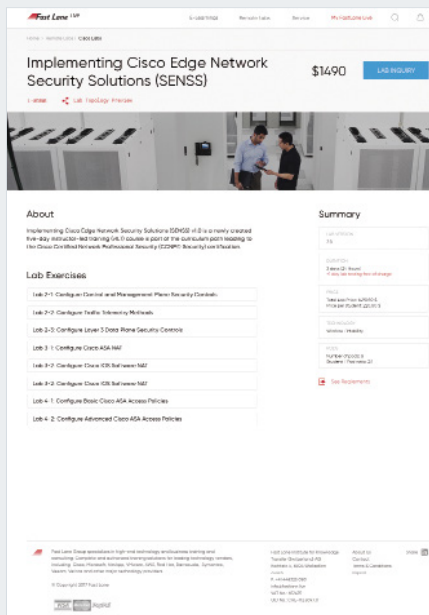
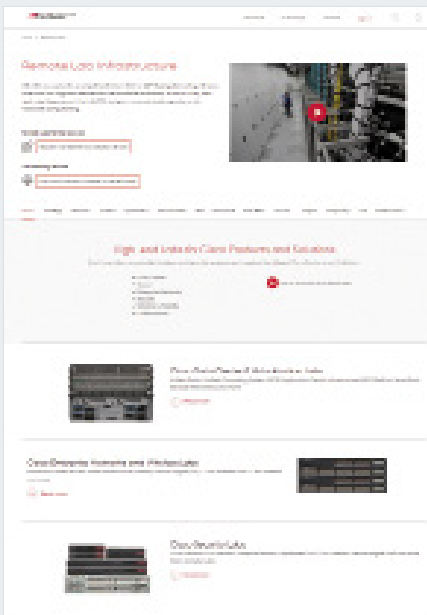
- Cisco Digital Learning Library
- Numerous Microsoft MOOCs (Massive Open Online Courses)
- Microsoft MOC On-Demand Trainings
- Fast Lane E-Learnings - technology training developed by our experts

- High-end e-learning catalogue
- Learning as a Service (LaaS)
- Remote labs
- Assessments
- Course materials
- Test vouchers
- Practice exams
- Online certifications
- Room rental
- Expert leasing for your projects



### Remote Labs

Our customers have access to a unique lab environment for Cisco, NetApp, VMware, IBM, Palo Alto, Symantec, and other manufacturers. We provide the laboratories either on a weekly or daily basis with 24x7 service. All labs can be conveniently booked online and paid.



**Start with us in your digital future!**

Our digital learning and platform offering on Fast Lane LIVE is growing steadily. Let us now advise you, send an e-mail to:

[info@flane.com.pa](mailto:info@flane.com.pa)

# Fast Lane Live

## Learning-as-a-Service (LaaS)

Our innovative Learning-as-a-Service (LaaS) offerings provide the ideal environment to reach your learning goals as quickly as possible.

### What is Learning-as-a-Service?

Learning-as-a-Service (LaaS) is a centrally hosted, cloud-based learning subscription that includes both individual and collaborative learning opportunities.

Every learner can learn at their own pace anytime, anywhere. Remote access allows you to work in virtual laboratories or attend a videoconference with a coach to practice and deepen your learning content.

As a result, LaaS offers a highly flexible learning plan with materials that are easy to consume, always available, and the ability to refresh your knowledge.

### More than just e-learning

Learning-as-a-Service offers many opportunities for interaction and goes far beyond pure self-study e-learning.

Various scientific studies show that the success rate for fully self-directed learning is low, as evidenced by the high drop-out rates in Massive Open Online Courses (MOOCs). Learning success, however, improves significantly as the learner has the opportunity to interact in real time with an expert or other learner.

### LaaS options

Our LaaS options include, for example:

- **Q & A Coaching:** Our experts answer your technical questions within 24 hours.
- **1: 1 Live Coaching:** Everyone needs support. Meet your coach in a video meeting and solve problems together.
- **Group discussions:** You are welcome to participate in various discussion groups on courses and technologies moderated by our experts.
- **FAQ:** You will find many FAQs for quick answers to common questions.
- **Virtual labs:** You have access to complementary labs that are not part of standard e-learning.
- **Webinars:** You can take part in various webinars suitable for your course.

### Benefits

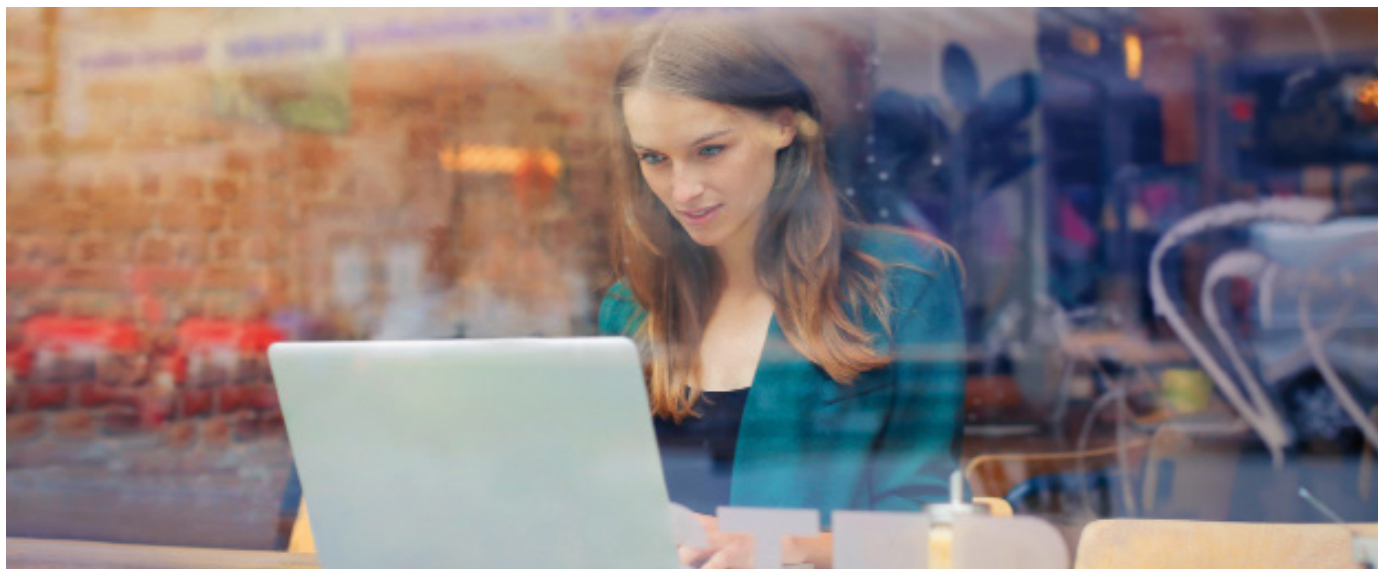
Flexible learning plan: learning when it suits the time

Always available: access where needed, 365 days a year

Sustainable Learning through Interaction: Collaboration with other Participants and Expert Support

Cost-effective: No travel expenses

Scalable: From individuals to teams to international companies



## Individual enterprise solutions

Are you looking for a comprehensive solution for your team or your company? We are happy to provide you with an individual solution. Our enterprise offer includes several options that we tailor to your needs.

### Individual portal



We provide you with a secure, branded portal based on our unique infrastructure.

### Learning-as-a-Service (LaaS)



Our Learning as a Service offer is especially suitable for larger teams.

### Learning Catalogue



We provide your employees with an individualized catalog of e-learning services.

### Content Development



In our professional e-learning studio we produce high-quality digital content according to your requirements.

### Practice Laboratories



We provide you with your individual catalog at Remote Labs or, if required, develop your own laboratory environment for you.

### Gap Analysis



Through assessment services, we evaluate the level of knowledge of your employees and derive individual learning plans.

### Reports & Analyzes



We offer comprehensive evaluations and analyzes on the learning progress of your employees.

### Third-party authentication



For maximum security and seamless access from your internal systems, we integrate your identity provider.

### Integration of your systems



Benefit from our flexible, API-enabled infrastructure and integrate our catalog into your systems.



**Are you looking for a forward-looking learning platform for your company?**

We are happy to develop an individual solution for you. Let our qualified experts advise you, send an e-mail to:

[info@flane.com.pa](mailto:info@flane.com.pa)

# Managed Training Services

## All training from a single source!

Are you looking for a permanent, low-effort and transparent solution for your personnel development?

Plan all training in the long term and cost-effectively - with Fast Lane's Managed Training Services!



## The problem: capacity bottlenecks, non-transparency, workload, cost pressure

Sound and permanent education and training of the staff is essential for the future-oriented orientation and optimal operation of your company.

Due to capacity bottlenecks, high workloads and the reduction of HR personnel, however, the continuous management of personnel development is associated with considerable time and manpower. Many companies therefore reduce the costs of further training measures and thus hinder their personnel development.

Under conventional conditions, effective training controlling is difficult to realize. Many supplier contracts need to be initiated and completed in costly, time-consuming and labor-intensive processes. In addition, many companies lack transparent and clear cost control, which is why indirect fixed costs for organization, administration and infrastructure are often not recorded and difficult to calculate. At this point, however, there is a great potential for savings.

### Our services to support all your qualification measures

- Strategy consulting
- Competence and gap analysis
- Assessments
- Development and implementation of training plans
- Supervision and administration of certification projects
- Management of other service providers and suppliers
- Possibly. Customizing of training or individual elements
- Schedule and resource planning
- Integration of various learning methods-Instructor-led, Online, FLEX Classroom, E-Learning
- Target group-oriented communication via your own booking portal
- Marketing, Sales and Controlling
- Quality control and reporting

## Our Approach

### Your Company

**Human resource development**

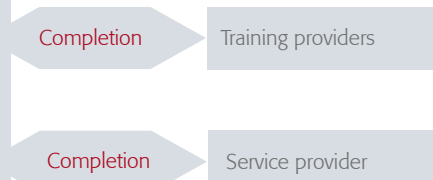
- Education strategy
- Skill management
- Control of personnel development
- Controlling of personnel development

**Member**

### Fast Lane

**Managed Training Services**

- Selection of further service providers
- Contract management
- Event conception
- Training infrastructure
- Training planning
- Event organization
- Logistics
- Training Implementation
- Communication and marketing services
- Participants management
- Quality management
- Evaluation
- Controlling



## The solution: Managed Training Services

With our Managed Training Services (MTS), you can book all your training directly through Fast Lane. We use our own portfolio and portfolios of contracting parties to fulfill the orders. The Managed Training Services Agreement significantly relieves you of your operational training business. If required, we can provide you with an individually tailored customer portal with its own training catalog. As a result, this means long-term, significant relief for your HR employees, comprehensive cost control, transparency and planning security.

### Your individual seminar portal

Upon request, we provide our framework contract customers with an individual seminar portal. This significantly simplifies the procurement processes of your training measures. Your individual seminar portal offers you:

- Display of your desired training from the complete Fast Lane program
- Comfortable search function in the training offers
- Pricing based on your framework contract conditions
- Uniform pricing and booking overview for your entire company
- Automation and standardization of your procurement processes
- Consistent use of special conditions

### Take advantage of our experience in the training business!

Fast Lane is present in over 60 countries across all continents. As an important success factor, our company relies on quality, which is constantly monitored by a comprehensive evaluation system.



As a global company, we offer you the opportunity to realize your educational activities internationally!

### The basis for your success

Fast Lane's Managed Training Services are tailored to your individual processes, goals and challenges. Contact our experienced consultants by phone at +506 2505-5834 or by email at [info@flane.com.pa](mailto:info@flane.com.pa) to find out about the first steps on the path to professional and efficient personnel development.



### Your advantages

- All services from one source
- A permanent contact person for all topics
- Only one contractor who follows a strict quality management
- Negotiations on conditions only have to be conducted with one supplier
- You only need to create one vendor in your system
- You always have the same payment terms
- Individually tailored customer portal for processing your order processes
- Simple reporting on all booked training courses of your company



# Documentations and course materials

We are happy to provide you with our expertise and experience in the development of high-quality course materials, including technical project documentation, manuals, etc. to disposal. Our global experts are able to produce documentation in 12 languages.

We develop professional training materials for you and your customers on all technology topics as well as on current IT trends such as Internet of Everything (IoE), Cloud, Big Data or Software-Defined Networking.

In addition to the conception and preparation of training documents, we also support you in your other documentation projects such as. Project or system documentation.

We offer you

Conception and creation of various contents

User-friendly documentation for different target groups

Cross-media use of content

Development of suitable layouts

Text and graphic creation

Multilingual documentation in up to twelve languages



## Tools und Customized Training

### Fast Lane Community Site, Learning Center and CertiTool

We have developed several tried-and-tested tools that optimally support your qualification and certification projects. These include our Learning Center with numerous assessments to specifically validate knowledge in various technology areas, our CertiTool - a partner portal for the management of certifications and skills, and the Fast Lane Community Site with discussion forums and technical updates.

### Tailored company training

In addition to the official training programs, we offer training tailored to your individual circumstances, goals and requirements. In doing so, our specialists purposely deepen the specialist areas that are important for the companies or include company-specific examples in course content. All training courses are also carried out at your local company.

### Rate developments

IT infrastructures are becoming ever more complex, the know-how required more and more special, so that the right IT training is not always available on the market. Based on individual content requirements, we develop tailor-made courses in important future technologies for manufacturers, partners and end customers.



# Lab infrastructure



We offer our customers a unique laboratory environment for numerous manufacturers. More than 550 high-end remote labs are available to Fast Lane training participants worldwide around the clock, fail-safe. The vast majority of our labs are exercise-based. You have the opportunity to do the lab exercises in your preferred order or to repeat individual exercises.

Weitere Informationen:  
[www.flane.com.pa/remotelabs](http://www.flane.com.pa/remotelabs)

- **Cisco**
  - **Cisco Unified Computing System (UCS)** Labs with Cisco Blade and Rack Servers, Fabric Interconnects, Fabric Extenders, Cisco UCS Managers, UCS Central, UCS Director and NetApp Storage Systems
  - **Cisco Nexus** Labs with Nexus 7000 switches, Nexus 5600 switches, Nexus 2000 fabric extenders and Nexus 1000V
  - **Cisco Application Centric Infrastructure (ACI)** Lab with Nexus 9300 Switches and Application Policy Infrastructure Controller (APIC)
  - **Cisco SAN** Labs with Cisco MDS 9710 Multilayer Director, MDS 9200 Series Multiservice Switches, MDS 9100 Series Multilayer Fabric Switches, and Cisco Prime Data Center Network Manager SAN
  - **Cisco Routing & Switching** Labs with Cisco Integrated Services (ISR) routers of all series, Cisco 2xxx / 3xxx Multilayer Switches, Cisco Catalyst 6500 Switches with Supervisor Engines 2T
  - **Advanced Cisco Unified Access** Cisco Prime Infrastructure (PI) Lab, Cisco Identity Service Engines (ISE), Cisco Mobility Service Engines (MSE), Cisco CleanAir Access Points, Cisco Converged Access, and Site Survey tools
  - **Cisco Security** Labs with Cisco Identity Services Engines (ISE), ASA 5500-X Series Firewalls, ASA with FirePOWER Services, IOS Firewall, FireSIGHT Management Center, Cisco Security Manager (CSM), Email and Web Security Appliances
  - **Cisco Voice / Unified Communications** Labs with Cisco Unified Communications Manager, Cisco Unity Connection, Cisco Prime Collaboration Provisioning, Cisco Jabber
  - **Cisco Video / TelePresence** Labs
- **Integrated infrastructures**
  - **FlexPod** Labs with Cisco UCS, UCS Director, Nexus Switches, NetApp Unified Storage Systems and VMware vSphere
  - **VersaStack** Lab with Cisco UCS, UCS Director, Nexus 9000 Switches, MDS 9100 Multilayer Fabric Switches and IBM Storwize V7000 Unified Storage Systems
- **NetApp**
  - **NetApp SAN** Labs with NetApp FAS3200 Series Storage Systems
  - Fully virtualized NetApp ONTAP and Storage Basic Labs based on the FlexPod infrastructure
- Virtualisierte **VMware** Data Center, Cloud & Virtualization Labs: VMware vSphere, Enterprise Management, VMware Horizon & View, VMware vCloud
- Virtual Labs for numerous IBM solutions and products, e.g. IBM Cognos Report Studio, IBM Cognos Framework Manager, IBM WebSphere Application Server, IBM Business Process Manager, IBM Integration Bus, IBM UrbanCode Deploy, IBM Tivoli Storage Manager, IBM Tivoli Netcool / OMNIbus, IBM InfoSphere DataStage, IBM Bluemix, IBM Security QRadar SIEM, IBM Lotus Domino
- **Microsoft** Azure, Windows Server, System Center, SQL Server, Exchange Server, Skype for Business, SharePoint Server, Office 365 und Windows Labs
- Virtualized Veeam Certified Engineer (VMCE) Backup and Recovery Labs
- Virtualized Symantec EndPoint Protection Labs
- Virtualized Veritas NetBackup, Backup Exec, InfoScale Availability, Enterprise Vault, and InfoScale Storage Labs
- **Palo Alto Networks** Security Labs
- **Kaspersky** Endpoint Solutions Labs
- Virtualized **Check Point** Security Lab
- **GE** Digital Predix Labs
- **Gigamon** Visibility Fabric Labs
- **Juniper** Routing & Switching, Security und Netzwerkmanagement Labs

## Lab Services

Laboratory rental for various training scenarios

Classroom training (instructor-led)

Online training (instructor-led)

Self-paced training

E-learning (MOOC)

Individual Remote Lab Solutions (On-Demand Labs, Customized Labs)

Remote Lab and Infrastructure Hosting (Managed, Unmanaged, Four Data Centers Worldwide) for:

Hardware Labs

Proprietary hardware

Virtual Labs

Live Support (24x7 Service Desk, ITIL)

Remote Lab Development Services

infrastructure

automation procedures

Creation and adaptation of exercise

manuals

Creation of digital learning content

E-learning integration

Remote Lab resource planning

Infrastructure Monitoring



# Fast Lane training packages

Fast Lane's training packages provide you with the flexibility to proactively manage your training budget. Train your entire team and pay less for each person. Packages can be selected based on the number of courses or the number of training days. We offer four training packages that allow you select authorized Cisco, NetApp, Barracuda, NotSoSecure, and Nokia courses as well as Fast Lane technology training to customize your training needs. You may spread these package options over an entire year to meet your schedule.

## Fast Lane training packages from 10 to 40 days

<b>FAST PASS-10</b> 10 training days  USD 4.800	<b>FAST PASS-20</b> 20 training days  USD 9.000	<b>FAST PASS-30</b> 30 training days  USD 12.600	<b>FAST PASS-40</b> 40 training days  USD 15.600
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### What benefits can you expect?

- Access to industry experts to help develop and manage your training plan
- Secured training discounts over a 12 month period
- You can train multiple employees with 1 Fast Pass
- Savings on public, on-site classes, and instructor-led online (ILO) classes
- Protection of your training budget
- Regular updates of your Fast Pass balance
- To achieve your skills goals

### How Do a Fast Pass Work?

1. Choose a Fast Pass, One pass allows you to purchase any number of business, sales, technical, onsite, or open enrollment classes.
2. Fast Passes are payable in advance.
3. Fast Passes are valid for 12 months from the date of purchase. This way, when the need arises, you can choose from thousands of courses, and apply these training coupons to any person, in any department!

More information: [www.flane.com.pa/trainingpackages](http://www.flane.com.pa/trainingpackages)

Plan flexibly,  
budget better  
and save costs!





# Complete Packages to prepare for your Cisco or Microsoft Certification



We offer an optimal preparation for Cisco and Microsoft certifications with our certification packages which include the recommended training courses as well as the voucher for the certification exams.

Compared to single bookings, a certification package can save you up to 70%. Our certification packages contain the regular required courses.

## Cisco CCNA and CCNP Complete Package



### Cisco Associate Level Certifications

- » CCNA Routing & Switching Packet (CCNA-RS-PACK)
- » CCNA Collaboration Packet (CCNA-COLL-PACK)
- » CCNA Security Packet (CCNA-SEC-PACK)
- » CCNA Wireless Packet (CCNA-WLESS-PACK)
- » CCDA Packet (CCDA-PACK)
- » CCNA Data Center Package (CCNA-DC-PACK)

### Cisco Professional Level Certifications

- » CCNP Routing & Switching Packet (CCNP-PACK)
- » CCNP Collaboration Packet (CCNP-COLL-PACK)
- » CCNP Security Package (CCNP-SEC-PACK)
- » CCNP Wireless Packet (CCNP-WLAN-PACK)
- » CCDP Packet (CCDP-PACK)
- » CCNP Data Center Package

## Microsoft MCSA and MCSE Complete Packages



### Microsoft Server Certifications

- » MCSA Windows Server 2012 Packet (MCSA-WS-PACK)

### Microsoft Database Certifications

- » MCSA SQL Server 2014 Packet (MCSA-SQL-PACK)
- » MCSE Business Intelligence Packet (MCSE-BI-PACK)

### Microsoft Solutions Developer Certifications

- » MCSA Web Applications Packet (MCSA-WA-PACK)

More information: [www.flane.com.pa/trainingpackages](http://www.flane.com.pa/trainingpackages)

# Internet of Things (IoT)

## Benefit from the Next Generation Internet

Digitalisation and the Internet of Things are bringing enormous changes. The benefits of smart products and assets are becoming apparent in all areas, from operational efficiencies and cost reductions to new business models and new revenue opportunities.

To take advantage of new business opportunities, both IT and business professionals need to adapt their knowledge and skills to rapid changes. We help clients, manufacturers, and systems integrators take full advantage of the power of networking, data analytics, new customer and employee experiences, and build up hands-on knowledge of IoT solutions. Our specialists develop IoT solutions and services for a wide variety of industries and are happy to guide you on your way to the Internet of Things!



Weitere Informationen:  
[www.flane.com.pa/iot](http://www.flane.com.pa/iot)

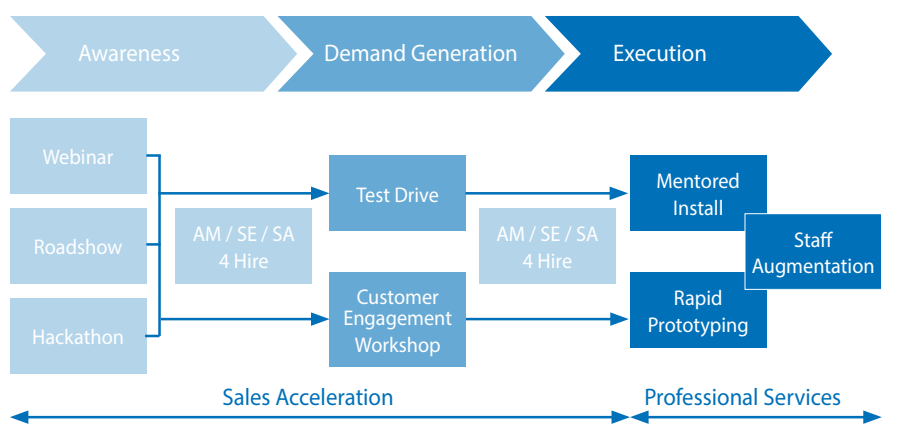
## Managed Enablement Services

Our Managed Enablement Services help manufacturers, channel partners and system integrators to build and develop their IoT business.

In addition, we help companies analyze their existing infrastructures, solutions and processes and design appropriate IoT solutions for optimized or new business models.

### Our services

- Building practical knowledge of various IoT solutions
- Awareness and customer qualification
- Demand Generation Events
- Customer engagement workshops
- Rapid Prototyping and Proof of Value Services
- Mentored Implementation Services



## IoT Workshop Services

In various workshops, which we also adapt to your individual requirements, our IoT experts will show you how you can benefit from the Internet of Things. Our practice workshops include, for example:

- **Internet of Things (IoT) Manufacturing Basics:** One-day workshop for a comprehensive overview of the Internet of Things. (Further information and course dates on page 50)
- **IoT Practice Builder Workshop:** Two-day practical workshop that not only covers new possibilities, but also concrete and proven applications and technologies. (Further information and course dates on page 50)
- **IoT Customer Engagement Workshop:** Five-day tailor-made workshop to accelerate your customers' complex, multi-vendor IoT implementations
- **IoT Test Drives:** One or two day proof of concept events for technical decision makers



## Our IoT partners

**azeti Networks** is a global manufacturer and provider of IoT technologies for a variety of industries. azeti's remote asset management software helps companies monitor and manage complex industrial infrastructures and ensure their efficient and uninterrupted operations. Fast Lane offers comprehensive azeti IoT training programs for account managers and technicians at azeti's customers and partners worldwide.



More information: [www.flane.com.pa/azeti](http://www.flane.com.pa/azeti)

**Cisco** Cisco offers IoT products that enable you to achieve new operational efficiencies, greater security, distributed intelligence and control, faster and better decision-making, and new revenue opportunities. As a Cisco Learning Specialized Partner, we help companies in all industries plan and implement advanced IoT solutions. We help Cisco partners get started and develop their IoT business and prepare for Cisco's IoT partner specializations. See our Cisco IoT training on page 107.



More information: [www.flane.com.pa/cisco-internet-of-things](http://www.flane.com.pa/cisco-internet-of-things)

**Davra Networks** Davra is the provider of a leading IoT Application Enablement Platform (AEP). As Davra's worldwide training partner, Fast Lane offers both Davra's customers and partners comprehensive sales enablement training and technical training to design and implement Davra's IoT software solutions.



More information: [www.flane.com.pa/davra](http://www.flane.com.pa/davra)

**Microsoft** Microsoft provides the products and solutions you need to get the most out of IoT business opportunities - on devices, in the cloud, in analytics, and with enterprise systems. We offer the appropriate Microsoft training courses for you..



More information: [www.flane.com.pa/microsoft](http://www.flane.com.pa/microsoft)

**relayr** is a global IoT company for the digital transformation of various industries. relayr offers one of the IoT devices to control, the hardware used and the sensors deployed, a fully independent enterprise middleware platform with powerful, easy-to-use tools that enable rapid and cost-effective development of new solutions, devices and services for the Internet of Things allows. Our relayr IoT portfolio provides relayr partners and customers of all industries with the IoT know-how they need.



More information: [www.flane.com.pa/relayr](http://www.flane.com.pa/relayr)

# Mentored IT-Services

## Introduce new technologies successfully

When introducing new technologies or products, existing technical knowledge is usually limited. With our mentored IT services, we support both channel partners and customers with the crucial know-how for the successful introduction and implementation of new products and IT solutions. Let your employees benefit from the many years of know-how of our experts, and ensure optimal preparation for the introduction and operation of new systems.

Weitere Informationen: [www.flane.de/consulting](http://www.flane.de/consulting)



## Latest information about new products and solutions

Through our training partnerships with leading technology manufacturers, our experts are always up to date with the latest technology and have already developed comprehensive training programs on new technologies and tested new designs in practice on behalf of various manufacturers.

## Knowledge transfer through competent, personal support

Practice-specific, individual training sessions at your location combined with concrete support for your upcoming implementation tasks ensure a successful introduction of new solutions and a competent team for the use of new technologies in your company:

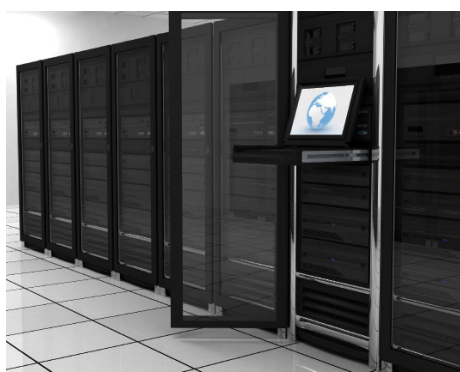
- **Partner** are expanding their knowledge and skills to accelerate the implementation of their customers' solutions.
- As a customer, you are able to efficiently introduce, smoothly and optimize a new solution or technology.
- Our experts have both technical and industry-specific experience and can significantly simplify and accelerate your migration projects and the introduction of new technologies, taking into account all technical conditions and technical requirements. Together with your key personnel relevant to the project, we identify and document dependencies, risks, potential problems and follow-up activities beyond the project's completion.



## Experience and know-how for your IT projects

We offer different start packages for different technologies. Our experts will introduce your project team to the new technology in specific training sessions tailored to your requirements and efficiently guide your technicians and administrators through the initial configuration steps. Our service packages:

- Ensure a successful launch of a new solution
- Enable a faster productive use of your investments,
- Reduce the project risks and put your team in a position to operate and optimize the new solution.
- Just inform us about your technology project, and we will send you an offer with your individual start package!!



## Individually advised by experts

Our mentoring team consists of highly qualified, experienced experts for all major manufacturers and technologies. Cross-manufacturer solutions and integrated systems are also among our core competences.

### Manufacturer expertise

- Amazon Web Services
- Azeti
- Barracuda
- Brocade
- Check Point
- Cisco
- Citrix
- Davra Networks
- EMC
- F5 Networks
- Gigamon
- HP
- IBM
- Intel
- Kaspersky Lab
- Microsoft
- NetApp
- Oracle
- Palo Alto Networks
- Red Hat
- Relayr
- Salesforce
- Symantec
- Veeam
- Veritas
- VMware

### Technology-know-how

- Big data and analytics
- Cloud Solutions: Private, Public & Hybrid Cloud
- Data Center & Virtualization
- Integrated infrastructures, e.g. FlexPod
- VersaStack
- Internet of Things (IoT) / Internet of Everything (IoE)
- IPv6
- Network infrastructure
- Security
- Software Defined Networking (SDN)
- Unified Communications, Collaboration & Video
- Wireless & Mobility



### Do you have questions about our mentored IT services?

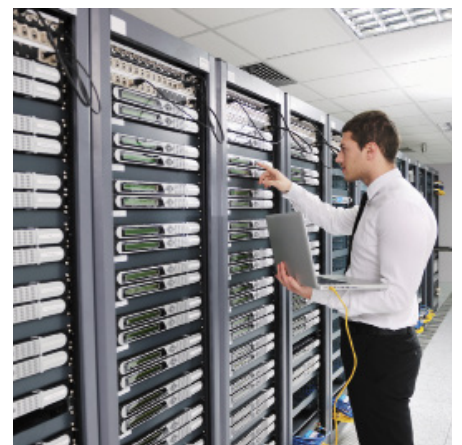
Or maybe you already have a concrete project in mind? Just tell us your requirements by email to [info@flane.com.pa](mailto:info@flane.com.pa), or call us: +506 2505-5834. We are always happy to advise you!

## Rent a Specialist

During vacation periods, when your employees are heavily involved in projects or when introducing new systems - we are happy to lend you one or more of our specialists for the support and operation of your IT infrastructures. Of course, we also provide you with special know-how.

### Services

- Rent-a-Specialist for any period of time: day / week / month
- Access to special know-how
- Complex troubleshooting deployments
- Short-term project support
- Training-on-the-job



# Fast Lane Technology Training



Our specialists have developed comprehensive training programs covering multivendor, hands-on content from different IT-topics. Our well-experienced development team has compiled extensive, regularly updated courseware for all courses. The instructors come with long-term experience in handling of complex IT-infrastructures as well as comprehensive training experience.

Leadership  
Negotiation  
Communication  
Conflict management  
Time and self management  
sales  
Presentation and Moderation  
Project management

More information: [www.flane.com.pa/it-training-by-fastlane](http://www.flane.com.pa/it-training-by-fastlane)

## Network Foundations

### Network Basics

- Networking & TCP/IP Fundamentals (NWF)
- Troubleshooting TCP/IP Fundamentals (TTCP)
- Networking & TCP/IP Fundamentals (NWF) & Troubleshooting TCP/IP Fundamentals (TTCP) Bundle (NWF-TTCP)
- Netzwerkmanagement mit SNMP (SNMP)
- LDAP & Active Directory – Strukturen & Operationen (LDAP)
- MPLS Grundlagen und Einsatzszenarien (MPLSG)
- Advanced LISP Workshop (LISP)
- Nagios / Icinga System- und Netzwerkmonitoring Schulung (NAGIOS)



More information: [www.flane.com.pa/it-training-by-fastlane](http://www.flane.com.pa/it-training-by-fastlane)

## IoT/loE

### IoT Basics

- IoT Practice Builder Workshop (IOT-PB-WS)
- IoT Customer Engagement Workshop (IOT-CE-WS)
- Internet of Things (IoT) Manufacturing Basics (IOTMB)

### Industry 4.0

- MES-Spezialist Funktionsumfang (54090)
- MES-Spezialist MES-Nutzen (54091)
- MES-Spezialist Strategischer MES Einsatz (54092)

More information: [www.flane.com.pa/it-training-by-fastlane](http://www.flane.com.pa/it-training-by-fastlane)

## Packet Analysis

### Packet Analysis

- Packet Analysis with Wireshark Analyzer (PAW)
- Advanced Packet Analysis with Wireshark Analyzer (APAW)
- Packet Analysis Power Workshop (PAPW)
- Optimizing Network Performance with Wireshark (ONPW)

More information: [www.flane.com.pa/it-training-by-fastlane](http://www.flane.com.pa/it-training-by-fastlane)

## Data Center

### Multi-Vendor Data Center & Virtualisation

- SAN and Storage Fundamentals (SFUN)
- UCS Opportunity Discovery Workshop (UCSODW)
- Data Center Foundation For Account Managers (DCFAM)
- Installing Cisco Unified Communications on Cisco Unified Computing Systems (UCUCS)
- Data Center Infrastructure (IDC)
- OpenStack Fundamentals on Cisco UCS (OSFU)
- Advanced OpenStack Cloud on Cisco UCS Management with Manual Deployment (AOSUCS)
- OpenStack on Cisco UCS Integration with Automated Deployment Tools (OSUCS)
- Docker - Fundamentals (DKE)
- Advanced Docker Design and Troubleshooting (DKA)
- SAN Monitoring mit VirtualWisdom (SMWW)
- Fibre Channel Troubleshooting (FCT)

### Cloud Foundations

- Cloud Computing Overview (CLOUD)

### Cloud Sales Enablement

- VXI/VDI for Account Managers (VXAM)
- VXI/VDI for System Engineers (VXSE)
- Data Center Foundation For Account Managers (DCFAM)
- UCS Opportunity Discovery Workshop (UCSODW)

More information: [www.flane.com.pa/it-training-by-fastlane](http://www.flane.com.pa/it-training-by-fastlane)

## Security

### Security & Anti-Hacking

- IP Security Fundamentals (IPSF)
- ANTI-HACKING Workshop (HACK)
- Check Point CCSA and CCSE R80.10 Power Workshop (CPPW)
- Implementing Cisco Secure Access Control System Version 5.6 (ACS)
- Cisco ASA Firewall Deployment (ASAFW)
- Configuring Cisco ASA IPsec and SSL VPN Features (ASAVPN)
- IPsec VPN Design, Implementation and Troubleshooting (IOSVPN)
- Cisco ASA Power Workshop: Firewall, IPsec and SSL VPN Features (ASAPW)
- CyberSec First Responder (CFR): Threat Detection & Response (CFR)
- CyberSAFE (CS)

More information: [www.flane.com.pa/it-training-by-fastlane](http://www.flane.com.pa/it-training-by-fastlane)

## Voice

### Voice / NGN

- VoIP in Enterprise and Service Provider Networks (VOIP)

### VoiceXML

- Programmierung von Sprachdialogsystemen mit VoiceXML (VXML)
- Professionelle Entwicklung von Sprachdialogsystemen mit VoiceXML, CCXML & SRGL (VXML2)

More information: [www.flane.com.pa/it-training-by-fastlane](http://www.flane.com.pa/it-training-by-fastlane)

## IPv6

### Vendor-Neutral IPv6 Training

- IPv6 Fundamentals (IPV6FUN)
- IPv6 Hands-On Workshop (IPV6PRACK)

More information: [www.flane.com.pa/it-training-by-fastlane](http://www.flane.com.pa/it-training-by-fastlane)

# Cisco Training

Fast Lane offers a full range of Cisco training, from entry-level to high-end specialist Cisco courses, all taught by our Certified Cisco Systems Instructors (CCSIs). We have received several awards for our Cisco training expertise including being named the 2016 Cisco Global Learning Partner of the Year.

## Cisco Global Learning Partner of the Year 2016 and other Cisco Awards

Cisco has given Fast Lane numerous awards. The awards include u.a. Cisco Global Learning Partner of the Year 2016 Award, the Cisco Learning Partner of the Year 2016 North Region, France and LATAM Awards, the Cisco Learning Partner of the Year 2015 North Region and RCIS Awards, Cisco Top Quality EMEAR Award 2014, Cisco Global Learning Partner of the Year Award 2013, EMEAR Cisco Acceleration Award 2012, EMEAR 2012 Cisco Top Relevance Award and the Cisco European Learning Partner of the Year 2009, 2010 and 2011 Awards.

## Certified worldwide

Fast Lane is an authorized Cisco Learning Partner in all Cisco regions worldwide. As a Cisco Specialized Learning Partner, Fast Lane has acquired three Cisco architectural specializations across Europe.

## Top-Trainer

Our trainers are all Cisco certified specialists, all of whom have extensive hands-on experience in their specialist areas. For example, we have 53 Cisco Certified Internetwork Experts (CCIEs) and 83 Cisco Certified Network Professionals (CCNPs).

## Directly on the spot

Regular training offers in 24 cities in the German-speaking area as well as at numerous other European locations enable optimal planning of your training and further education. We are also happy to carry out individually tailored training according to your wishes..

## Advanced Technology Labs

Our Advanced Technology Labs with all major Cisco technologies provide optimal training conditions for demanding network configurations.

## Cisco Sales and Business Development

As a Cisco Business Learning Partner, Fast Lane is specifically authorized to develop and conduct sales-based Cisco training in the Enterprise Networks, Collaboration, and Data Center environment for Cisco Sales and Channel Partners worldwide.

## Cisco Learning Credits

Redeem your Cisco Learning Credits! With Cisco Learning Credits (CLCs), you can purchase any Cisco training.



More information:  
[www.flane.com.pa/cisco](http://www.flane.com.pa/cisco)

### Routing & Switching



### Security



### Wireless



### Unified Communications



### Video / TelePresence



### Cloud, Data Center & Virtualization







# Cisco certifications

Cisco certifications are universally recognized and Cisco certification training substantiates the knowledge and skills of Cisco professionals. Cisco certifications are highly sought-after by internetworking specialists. Fast Lane offers Cisco certification training courses that effectively prepare you for the various Cisco certification exams.

More information:

[www.flane.com.pa/cisco-certifications](http://www.flane.com.pa/cisco-certifications)

	Cloud	Collaboration	Cyber Ops	Data Center	Design	Industrial	Routing & Switching	Security	Service Provider	Wireless
Architect					CCAr Cisco Certified Architect					
					CCAr Board Exam					
Expert		CCIE Collaboration Cisco Certified Internetwork Expert		CCIE Data Center Cisco Certified Internetwork Expert	CCDE Cisco Certified Design Expert		CCIE Routing & Switching Cisco Certified Internetwork Expert	CCIE Security Cisco Certified Internetwork Expert	CCIE Service Provider Cisco Certified Internetwork Expert	CCIE Wireless Cisco Certified Internetwork Expert
		Lab Exam Written Exam 400-051		Lab Exam Written Exam 400-151	Practical Exam Written Exam 352-001		Lab Exam Written Exam 400-101	Lab Exam Written Exam 400-251	Lab Exam Written Exam 400-201	Lab Exam Written Exam 400-351
Professional	CCNP Cloud Cisco Certified Network Professional	CCNP Collaboration Cisco Certified Network Professional		CCNP Data Center Cisco Certified Network Professional	CCDP Cisco Certified Design Professional		CCNP Routing & Switching Cisco Certified Network Professional	CCNP Security Cisco Certified Network Professional	CCNP Service Provider Cisco Certified Network Professional	CCNP Wireless Cisco Certified Network Professional
	Implementing & Troubleshooting the Cisco Cloud Infrastructure (CLDINF) Exam 300-460 Designing the Cisco Cloud (CLDDDES) Exam 300-465 Automating the Cisco Enterprise Cloud (CLDAUT) Exam 300-470 Building the Cisco Cloud with Application Centric Infrastructure (CLDACI) Exam 300-475	Implementing Cisco IP Telephony & Video, Part 1 (CIPTV1) Exam 300-070 Implementing Cisco IP Telephony & Video, Part 2 (CIPTV2) Exam 300-075 Troubleshooting Cisco IP Telephony & Video (CTCOLLAB) Exam 300-080 Implementing Cisco Collaboration Applications (CAPPS) Exam 300-085		Implementing Cisco Data Center Unified Computing (DCUCI) Exam 300-175 Implementing Cisco Data Center Infrastructure (DCII) Exam 300-165 Implementing Cisco Data Center Virtualization & Automation (DCVAI) Exam 300-170 Designing Cisco Data Center Infrastructure (DCID) Exam 300-160 Troubleshooting Cisco Data Center Infrastructure (DCIT) Exam 300-180	Implementing Cisco IP Routing (ROUTE) Exam 300-101 Implementing Cisco IP Switched Networks (SWITCH) Exam 300-115 Designing Cisco Network Service Architectures (ARCH) Exam 300-320		Implementing Cisco IP Routing (ROUTE) Exam 300-101 Implementing Cisco IP Switched Networks (SWITCH) Exam 300-115 Troubleshooting & Maintaining Cisco IP Networks (TSHOOT) Exam 300-135	Implementing Cisco Secure Access Solutions (SISAS) Exam 300-208 Implementing Cisco Edge Network Security Solutions (SENS) Exam 300-206 Implementing Cisco Secure Mobility Solutions (SIMOS) Exam 300-209 Implementing Cisco Threat Control Solutions (SITCS) Exam 300-210	Deploying Cisco Service Provider Network Routing (SPROUTE) Exam 642-883 Deploying Cisco Service Provider Advanced Network Routing (SPADVROUTE) Exam 642-885 Implementing Cisco Service Provider Next-Generation Core Network Services (SPCORE) Exam 642-887 Implementing Cisco Service Provider Next-Generation Edge Network Services (SPEDGE) Exam 642-889	Designing Cisco Wireless Enterprise Networks (WIDESIGN) Exam 300-360 Deploying Cisco Wireless Enterprise Networks (WIDEPLOY) Exam 300-365 Troubleshooting Cisco Wireless Enterprise Networks (WITSHOOT) Exam 300-370 Securing Cisco Wireless Enterprise Networks (WISECURE) Exam 300-375
Associate	CCNA Cloud Cisco Certified Network Associate	CCNA Collaboration Cisco Certified Network Associate	CCNA Cyber Ops Cisco Certified Network Associate	CCNA Data Center Cisco Certified Network Associate	CCDA Cisco Certified Design Associate	CCNA Industrial Cisco Certified Network Associate	CCNA Routing & Switching Cisco Certified Network Associate	CCNA Security Cisco Certified Network Associate	CCNA Service Provider Cisco Certified Network Associate	CCNA Wireless Cisco Certified Network Associate
	Understanding Cisco Cloud Fundamentals (CLDFND) Exam 210-451 Introducing Cisco Cloud Administration (CLDADM) Exam 210-455	Implementing Cisco Collaboration Devices (CICD) Exam 210-060 Implementing Cisco Video Network Devices Part 1 (CIVND1) Exam 210-065 Implementing Cisco Video Network Devices Part 2 (CIVND2) Exam 210-065	Understanding Cisco Cybersecurity Fundamentals (SECFND) Exam 210-250 Implementing Cisco Cybersecurity Operations (SECOPS) Exam 210-255	Introducing Cisco Data Center Networking (DCICN) Exam 200-150 Introducing Cisco Data Center Technologies (DCICT) Exam 200-155	Designing for Cisco Internetwork Solutions (DESIGN) Exam 200-310	Managing Industrial Networks for Manufacturing with Cisco Technologies (IMINS2) Exam 200-601	Interconnecting Cisco Network Devices Part 1 (ICND1) Exam 100-105 Interconnecting Cisco Network Devices Part 2 (ICND2) Exam 200-105 Interconnecting Cisco Network Devices: Accelerated (CCNAX) Exam 200-125	Implementing Cisco Network Security (IINS) Exam 210-260	Building Cisco Service Provider NGN, Part 1 (SPNGN1) Exam 640-875 Service Provider NGN, Part 2 (SPNGN2) Exam 640-878	Implementing Cisco Wireless Network Fundamentals (WIFUND) Exam 200-355
Entry	CCENT Cisco Certified Entry Networking Technician									
	Interconnecting Cisco Network Devices Part 1 (ICND1) Exam 100-105									

# Cisco Digital Learning Library



## Flexible and effective training of your employees

The Cisco Digital Learning Library will make your workout even more effective and comfortable. Our interactive, modular Cisco e-learning offerings are ideal for those who prefer flexible, self-paced learning, whether it's preparing for a certification test or learning about specific Cisco technologies. Whether routing & switching or security, collaboration or design - your employees can now familiarize themselves with the various Cisco technologies anytime, anywhere.

In order to do justice to different learning styles, the trainings used both instructor videos and comprehensive student guides in text form. A single integrated browser window provides access to all learning content.

You can either purchase a single Cisco e-learning training, a complete technology portfolio, or the entire e-learning library.

## Mentoring Services

In addition to the e-learning, we offer you our optional mentoring services. With these value-added services you will receive further information and explanations as well as the opportunity to interact with our experienced mentors. All of our Cisco Mentors are certified Cisco Trainers (CCSI - Certified Cisco Systems Instructors). The mentoring services include regular webinars for complex technical topics, specific windows for interactive mentoring, e-mail support, Frequently Asked Questions (FAQs) for common questions and discussion groups.

### Benefits

**Effective:** Different learning methods with coach videos and complete student guides

**Interactive:** discovery labs for hands-on exercises and assessments of learning progress

**Flexible:** Learning at your own pace, at any time and in any place

**Modular:** Learning according to your needs, even in the smallest learning units

**Integrated:** All learning content in one place, single sign-on access

**Original:** Developed by experienced Cisco experts

More information: [www.flane.com.pa/cisco-digital-learning](http://www.flane.com.pa/cisco-digital-learning)





# Cisco Digital Learning Library Portfolios

## Infrastructure

### CCNA Routing & Switching

- Interconnecting Cisco Network Devices Part 1 (ICND1)
- Interconnecting Cisco Network Devices Part 2 (ICND2)

### CCNP Routing & Switching

- Implementing Cisco IP Routing (ROUTE)
- Implementing Cisco IP Switched Networks (SWITCH)
- Troubleshooting and Maintaining Cisco IP Networks (TSHOOT)

### CCDA

- Designing for Cisco Internetwork Solutions (DESGN)

### CCDP

- Designing Cisco Network Service Architectures (ARCH)

### CCNA Wireless

- Implementing Cisco Wireless Network Fundamentals (WIFUND)

### CCNP Wireless

- Designing Cisco Wireless Enterprise Networks (WIDESIGN)
- Deploying Cisco Wireless Enterprise Networks (WIDEPLOY)
- Troubleshooting Cisco Wireless Enterprise Networks (WITSHOOT)
- Securing Cisco Wireless Enterprise Networks (WISECURE)

### Cisco Digital Network Architecture (DNA)

- Cisco Digital Network Architecture Implementation Essentials (DNAIE)

### Cisco Network Programmability

- Designing & Implementing Cisco Network Programmability (NPDESI)
- Developing with Cisco Network Programmability (NPDEV)

## Collaboration

### CCNA Collaboration

- Implementing Cisco Collaboration Devices (CICD)
- Implementing Cisco Video Network Devices, Part 2 (CIVND2)

### CCNP Collaboration

- Implementing Cisco IP Telephony & Video, Part 1 (CIPTV1)
- Implementing Cisco IP Telephony & Video, Part 2 (CIPTV2)
- Troubleshooting Cisco IP Telephony & Video (CTCOLLAB)
- Implementing Cisco Collaboration Applications (CAPPS)

## Security

### CCNA Security

- Implementing Cisco IOS Network Security (IINS)

### CCNP Security

- Implementing Cisco Secure Access Solutions (SISAS)
- Implementing Cisco Edge Network Security Solutions (SENS)
- Implementing Cisco Secure Mobility Solutions (SIMOS)
- Implementing Cisco Threat Control Solutions (SITCS)

### Cyber Security

- Understanding Cisco Cybersecurity Fundamentals (SECFND)
- Implementing Cisco Cybersecurity Operations (SECOPS)

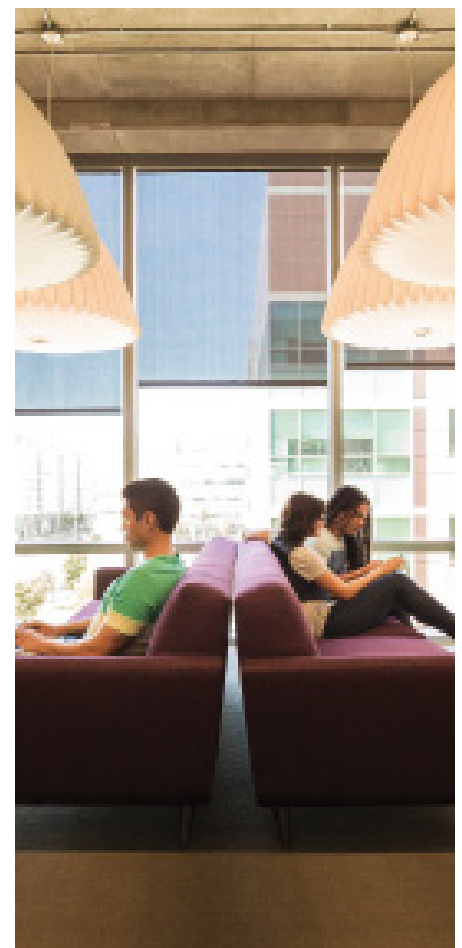
## Cloud Computing

### CCNA Cloud

- Understanding Cisco Cloud Fundamentals (CLDFND)
- Introducing Cisco Cloud Administration (CLDADM)

## Features

- Searchable glossary and transcripts
- HD instructor-led videos
- Certificate of Completion
- Bookmark and annotation tools
- Analytics to track progress
- Graded challenge assignments
- Gamification with Leaderboards
- Full Student Guide textbook
- Discovery Labs with shareable recordings



# Cisco Enterprise Networks

Preparation  
for the  
Routing &  
Switching  
Certifications

## Routing & Switching

- Interconnecting Cisco Network Devices Part 1 (ICND1)
- Interconnecting Cisco Network Devices Part 2 (ICND2)
- Interconnecting Cisco Network Devices: Accelerated (CCNAX)
- Implementing Cisco IP Routing v2.0 (ROUTE)
- Implementing Cisco IP Switched Networks v2.0 (SWITCH)
- Troubleshooting and Maintaining Cisco IP Networks v2.0 (TSHOOT)
- Enterprise Network Core and WAN Essentials (ENCWE)
- Networking & TCP/IP Fundamentals (NWF)
- Troubleshooting TCP/IP Fundamentals (TTCP)
- IPv6 Fundamentals, Design & Deployment (IP6FD)
- Advanced Cisco Catalyst 6500 Switching (CAT6KS)
- Cisco CRS-3 Carrier Routing System Essentials (CRS3E)
- Implementing and Maintaining Cisco Technologies Using IOS XR (IMTXR)
- Cisco Aggregation Services Router 9000 Series Essentials (ASR9KE)
- Deploy, Maintain, and Troubleshoot Cisco IOS XR (DMTXR)
- Implementing IPv6 Solutions for Service Providers (IPV6SPSE)
- Enterprise Network Unified Access Essentials (ENUAE)
- Implementing Cisco Quality of Service (QOS)

More information: [www.flane.com.pa/cisco-enterprise-networks](http://www.flane.com.pa/cisco-enterprise-networks)



## Cisco Network Management

- Cisco EnergyWise Workshop (EWF)
- Managing Cisco Wireless LANs (WMNGI)
- Managing Unified Access Networks with Cisco Prime Infrastructure (WMUAPI)
- Managing Enterprise Networks with Cisco Prime Infrastructure (NMENPI)

More information: [www.flane.com.pa/cisco-enterprise-networks](http://www.flane.com.pa/cisco-enterprise-networks)

## Cisco Learning Services Security

- Securing Networks with Cisco Firepower Next-Generation IPS (SSFIPS)
- Protecting against Malware Threats with Cisco AMP for Endpoints (SSFAMP)
- Securing Cisco Networks with Snort Rule Writing Best Practices (SSFRULES)
- Securing Cisco Networks with Open Source Snort (SSFSNORT)

More information: [www.flane.com.pa/cisco-enterprise-networks](http://www.flane.com.pa/cisco-enterprise-networks)

## Partner Plus Premium Enablement Program - Security

- Cisco ISE Solutions for Account Managers (ISEAM)
- Delivering Business Outcomes through Security (BLSS)
- Business Led Secure DC Training for Account Managers (BLSDC)
- Security in the DC: Architectures, TrustSec and ACI (SDCSE)

More information: [www.flane.com.pa/cisco-enterprise-networks](http://www.flane.com.pa/cisco-enterprise-networks)

## Cisco Security

- Implementing Cisco Network Security (IINS)
- Implementing Cisco Secure Access Solutions (SISAS)
- Implementing Cisco Edge Network Security Solutions (SENS)
- Implementing Cisco Secure Mobility Solutions (SIMOS)
- Implementing Cisco Threat Control Solutions (SITCS)
- Implementing Core Cisco ASA Security (SASAC)
- Implementing Advanced Cisco ASA Security (SASAA)
- Cisco ASA 9.1 Update Workshop (ASA)
- Cisco ASA Express Security (SAEXS)
- Implementing and Configuring Cisco Identity Services Engine (SISE)
- Implementing Cisco Identity Services Engine for Wireless Engineers (SWISE)
- Introduction to 802.1X Operations for Cisco Security Professionals (802.1X)
- Implementing Cisco Secure Access Control System Version 5.6 (ACS)
- Managing Enterprise Security with Cisco Security Manager (SSECMGT)
- CCNP Security Power Workshop (CCNPSPW)
- Securing Cisco Networks with Threat Detection and Analysis (SCYBER)
- Cisco ASA Firewall Deployment (ASAFW)

More information: [www.flane.com.pa/cisco-enterprise-networks](http://www.flane.com.pa/cisco-enterprise-networks)

- Configuring Cisco ASA IPSec and SSL VPN Features (ASAVPN)
- IPSec VPN Design, Implementation and Troubleshooting (IOSVPN)
- Cisco ASA Bundle: ASA Firewall Deployment & ASA IPSec and SSL VPN Features (ASAFWVPN)
- Cisco ASA Power Workshop: Firewall, IPSec and SSL VPN Features (ASAPW)



## Cisco Email and Web Security

- Securing Email with Cisco Email Security Appliance (SESA)
- Securing the Web with Cisco Web Security Appliance (WSA)
- Securing Email with Cisco Email Security Appliance (Partner Training) (PASESA)

More information: [www.flane.com.pa/cisco-enterprise-networks](http://www.flane.com.pa/cisco-enterprise-networks)

## Cisco Wireless / Mobility

- Enterprise Network Unified Access Essentials (ENUAE)
- Managing Enterprise Networks with Cisco Prime Infrastructure (NMENPI)
- Deploying Basic and Advanced Cisco Wireless LANs Bootcamp (WDBWL-WDAWL)
- Deploying Basic Cisco Wireless LANs (WDBWL)
- Deploying Advanced Cisco Wireless LANs (WDAWL)
- Enterprise Mobility Wireless Networking (EMWN)
- Implementing Cisco Identity Services Engine for Wireless Engineers (SWISE)
- **EXCLUSIVE** - Configuring, Optimising & Troubleshooting Cisco Meraki Wireless Workshop (MERAKI)

More information: [www.flane.com.pa/cisco-enterprise-networks](http://www.flane.com.pa/cisco-enterprise-networks)

## Cisco Enterprise Networks

### Cisco Service Provider

- Building Cisco Service Provider Next-Generation Networks, Part 1 (SPNGN1)
- Building Cisco Service Provider Next Generation Networks, Part 2 (SPNGN2)
- Deploying Cisco Service Provider Network Routing (SPROUTE)
- Deploying Cisco Service Provider Advanced Network Routing (SPADVROUTE)
- Implementing Cisco Service Provider Next-Generation Core Network Services (SPCORE)
- Implementing IPv6 Solutions for Service Providers (IPV6SPSE)
- Implementing Cisco Quality of Service (QOS)
- Configuring BGP on Cisco Routers (BGP)
- Implementing Cisco MPLS (MPLS)
- Implementing Cisco MPLS Traffic Engineering & Other Features (MPLST)
- Implementing Cisco Multicast (MCAST)

More information: [www.flane.com.pa/cisco-enterprise-networks](http://www.flane.com.pa/cisco-enterprise-networks)

### Service Provider Video

- Cisco ROSA Element Manager (EM) Administration (ROSAEMA)
- Cisco Encoder D9036 Operations Training (ENCOPS)
- Cisco Digital Content Manager Foundation (DCMF)

More information: [www.flane.com.pa/cisco-enterprise-networks](http://www.flane.com.pa/cisco-enterprise-networks)

### Service Provider Wireless

- Cisco Quantum Policy Suite Core Technologies (QPSCT)
- Implementing Cisco CDMA Packet Core Networks (SPCDMA)
- Implementing Cisco Service Provider Mobility LTE Networks (SPLTE)
- Implementing Cisco UMTS Packet Core Networks (SPUMTS)

More information: [www.flane.com.pa/cisco-enterprise-networks](http://www.flane.com.pa/cisco-enterprise-networks)

### Mobile Internet Technology

- Cisco ASR 5000 Comprehensive Four-Day Technical Training SGSN, GGSN, and ECS (XGSNECS4D)
- Cisco ASR 5000 Comprehensive Four-Day Technical Training SGSN, GGSN, and EPC (XGSNEPC4D)
- Cisco ASR 5000 GGSN Administration and Configuration (GGSN)
- Cisco ASR 5000 Comprehensive Four-Day Technical Training, GGSN (GGSN4D)
- Cisco ASR 5000 Comprehensive Four-Day Technical Training, PDSN/HA (PDSNHA4D)
- Cisco ASR 5000 Supplemental EPC Training (EPCSUPPL)
- Cisco ASR 5000 SGSN Administration and Configuration (SGSN)

More information: [www.flane.com.pa/mobile-internet-technology](http://www.flane.com.pa/mobile-internet-technology)

### Cisco Optical Networking

- Cisco ONS 15454 MSTP Implementing DWDM from Installation to Protection Release (MSTP FITP)
- Cisco ONS 15454 Carrier Packet Transport (CPT)
- Cisco ONS Time Division Multiplexing (TDM) SONET Release 9.2 (SONET)

More information: [www.flane.com.pa/cisco-optical-training](http://www.flane.com.pa/cisco-optical-training)

## Cisco Collaboration

### Certification Bridge Courses

- CIPTV1 Bridge: Implementing Cisco IP Telephony & Video, Part 1 (CIPTV1-BR)
- CIPTV2 Bridge: Implementing Cisco IP Telephony & Video, Part 2 (CIPTV2-BR)
- CIPTV Bridge Bundle (CIPTVBRB)
- CTCOLLAB Bridge, Part 1 (CTCOLLAB1-BR)
- CTCOLLAB Bridge, Part 2 (CTCOLLAB2-BR)
- CTCOLLAB Bridge Bundle (COLLABBRB)
- CAPPs Bridge: CUC and IM&P Update (CAPPs-BR)

More information: [www.flane.com.pa/cisco-collaboration](http://www.flane.com.pa/cisco-collaboration)



### Technology Bridge Courses

- Cisco CSR 11 Update (CSR11U)
- Cisco CSR 11 Update - Skype for Business (CSR11U-SFB)
- Cisco CSR 11 Update - Contact Center (CSR11U-CC)
- Cisco Collaboration Systems Release 11.0 Administrator Workshop (CSR11ADMIN)
- Administering and Implementing Cisco Jabber, IM&P and Mobile Remote Access (IMPMRA-TB)
- Administering and Implementing Cisco Unity Connection (AICUC-TB)

More information: [www.flane.com.pa/cisco-collaboration](http://www.flane.com.pa/cisco-collaboration)

### Cisco Unified Communications

- Implementing Cisco Collaboration Devices (CICD)
- Implementing Cisco IP Telephony & Video, Part 1 (CIPTV1)
- Implementing Cisco IP Telephony & Video, Part 2 (CIPTV2)
- Troubleshooting Cisco IP Telephony & Video (CTCOLLAB)
- Implementing Cisco Collaboration Applications (CAPPs)
- Cisco CCIE Collaboration Advanced Workshop (CIEC)
- Cisco Collaboration Partner Adoption Business Workshop (CPA-BW)
- Cisco Collaboration Partner Adoption Technical Workshop (CPA-TW)
- Implementing Cisco Quality of Service (QOS)
- Cisco Collaboration Systems Release 10.0 Bootcamp (CSR10BC)
- Cisco UC 9.1 Manager Hands-On Workshop (UC91)
- Cisco Unity Connection Call Handling Workshop (CUCCH)

More information: [www.flane.com.pa/cisco-collaboration](http://www.flane.com.pa/cisco-collaboration)

### Unified Contact Center

- Deploying Cisco Unified Contact Center Enterprise Software (DUCCE)
- Implementing Cisco Unified E-Mail and Web Interaction Manager Enterprise (UEIME)
- Deploying Cisco Unified Intelligence Center (DUIC)
- Unified Contact Center Express and Unified IP IVR Deployment (UCCXD)
- Cisco Unified Contact Centre Enterprise Bootcamp (UCCEB)
- Cisco Unified Contact Center Power Workshop (CUCCPW)
- Administering Cisco Unified Contact Center Enterprise Part 1 (AUCCE1)
- Administering Cisco Unified Contact Center Enterprise Part 2 (AUCCE2)

More information: [www.flane.com.pa/cisco-collaboration](http://www.flane.com.pa/cisco-collaboration)



Cisco Video / TelePresence

- Implementing Cisco TelePresence Video Solutions Part 2 (VTVS2)
- Implementing Cisco Video Network Devices, Part 2 (CIVND2)



More information: [www.flane.com.pa/cisco-collaboration](http://www.flane.com.pa/cisco-collaboration)

Video

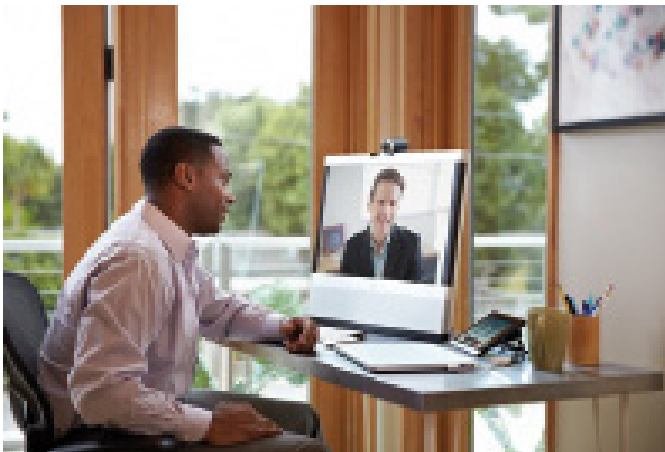
- Implementing Cisco Video Network Devices, Part 2 (VIVND2)
- IX5000 Series Immersive Solutions (IX5K)



More information: [www.flane.com.pa/cisco-collaboration](http://www.flane.com.pa/cisco-collaboration)

Service Provider Video

- Cisco ROSA Element Manager (EM) Administration (ROSAEMA)
- Cisco Encoder D9036 Operations Training (ENCOPS)
- Cisco Digital Content Manager Foundation (DCMF)





## Cisco Data Center & Virtualization

### Cisco Cloud

- Understanding Cisco Cloud Fundamentals (CLDFND)
- Introducing Cisco Cloud Administration (CLDADM)
- Implementing and Troubleshooting the Cisco Cloud Infrastructure (CLDINF)
- Designing the Cisco Cloud (CLDDDES)
- Automating the Cisco Enterprise Cloud (CLDAUT)
- Building the Cisco Cloud with Application Centric Infrastructure (CLDACI)

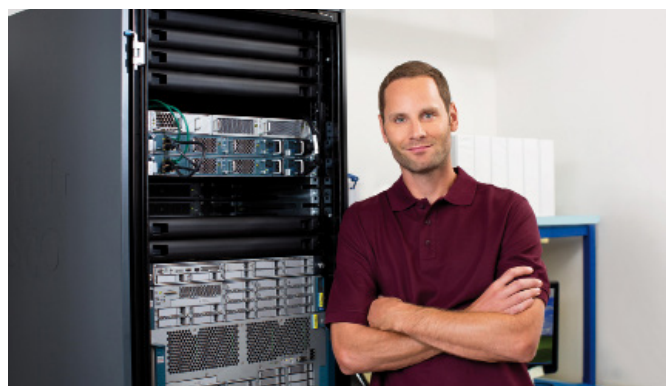
More information: [www.flane.com.pa/cisco-data-center](http://www.flane.com.pa/cisco-data-center)



### Cisco Unified Computing

- Introducing Cisco Data Center Networking (DCICN)
- Introducing Cisco Data Center Technologies (DCICT)
- CCNA Data Center Power Workshop (CCNADCPW)
- Designing Cisco Data Center Unified Computing (DCUCD)
- Implementing Cisco Data Center Unified Computing (DCUCI)
- Troubleshooting Cisco Data Center Unified Computing (DCUCT)
- Configuring Data Center Unified Computing (DCUCS)
- Cisco Data Center Unified Computing System C-series Troubleshooting (DCUCSCTS)
- UCS Implementation and Design Bootcamp (UCSBC)
- Cisco UCS Director Foundation (UCSDF)
- Troubleshooting Cisco Data Center Infrastructure (DCIT)
- Implementing Cisco Data Center Infrastructure (DCII)
- Implementing Cisco Data Center Virtualization and Automation (DCVAI)

More information: [www.flane.com.pa/cisco-data-center](http://www.flane.com.pa/cisco-data-center)



### Cisco Storage Networking

- Configuring Cisco MDS 9000 Switches (DCMDS)

More information: [www.flane.com.pa/cisco-data-center](http://www.flane.com.pa/cisco-data-center)

### Cisco Application Networking

- Designing Data Center Application Services (DCASD)
- Implementing Data Center Application Services (DCASI)
- Cisco Wide-Area Application Service (CWAAS)
- Implementing the Application Control Engine Service Module (ACESM)
- Designing an Enterprise Application Infrastructure with the ACE Family (ACEDES)
- Cisco Application Control Engine Appliance (ACEAP)

More information: [www.flane.com.pa/cisco-data-center](http://www.flane.com.pa/cisco-data-center)

## FlexPod Pre-Sales Training

- Designing the FlexPod Solution (FPDESIGN)
- FlexPod for Account Managers (FPAM)



More information: [www.flane.com.pa/cisco-data-center](http://www.flane.com.pa/cisco-data-center)

## FlexPod Foundational Courses

- Implementing and Administering the FlexPod Solution (FPIMPADM)

More information: [www.flane.com.pa/cisco-data-center](http://www.flane.com.pa/cisco-data-center)

## versastack

- VersaStack for Account Managers (VSAM)
- VersaStack Implementation (VSI)
- VersaStack Test Drive (VSTD)
- VersaStack Administration (VSA)
- VersaStack Implementation Fast Track (VSIFT)



More information: [www.flane.com.pa/cisco-data-center](http://www.flane.com.pa/cisco-data-center)

## Cisco Data Center Switching

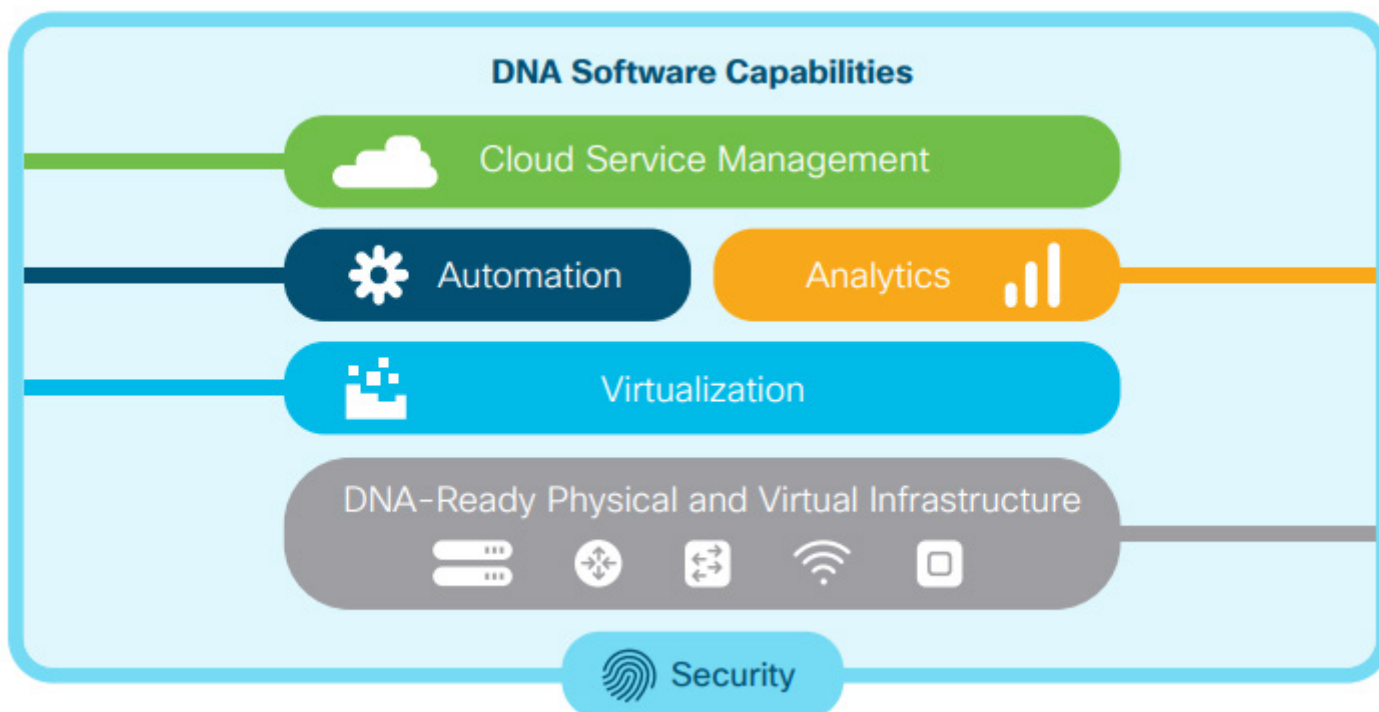
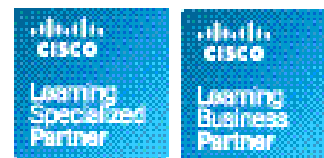
- Introducing Cisco Data Center Networking (DCICN)
- Introducing Cisco Data Center Technologies (DCICT)
- Cisco Nexus Overview Workshop (CNOW)
- Cisco Data Center Architectural Overview (DCAO)
- Implementing Cisco Data Center Unified Fabric (DCUFI)
- Troubleshooting Cisco Data Center Unified Fabric (DCUFT)
- Designing Cisco Data Center Unified Fabric (DCUFD)
- Configuring the Cisco Nexus 1000V (DCNX1K)
- Configuring Cisco Nexus 5000 Switches (DCNX5K)
- Configuring Cisco Nexus 7000 Switches (DCNX7K)
- Introducing Cisco Nexus 9000 Switches in NX-OS Mode (DCINX9K)
- CCNA Data Center Power Workshop (CCNADCPW)
- Configuring Cisco Nexus 9000 Switches in ACI Mode (DCAC9K)
- Cisco VSG and PNSC on Nexus 1000V (N1KV-VSG)
- Designing Cisco Data Center Unified Computing Infrastructure (DCIDUC)
- Troubleshooting Cisco Data Center Unified Computing Infrastructure (DCITUC)



More information: [www.flane.com.pa/cisco-data-center](http://www.flane.com.pa/cisco-data-center)

# Cisco Digital Network Architecture (DNA)

Today's leading organizations are adopting new digital strategies to simplify processes and transform their businesses. You need an intelligent secure network that can advance this digital transformation by providing access to any application in minutes and gaining superior awareness of what's hitting your network, without compromising on security. Cisco Software-Defined Access (SD-Access) provides a single, highly secure network that makes all this possible.



Cisco® Digital Network Architecture (DNA) is an open, extensible, software-driven architecture that accelerates and simplifies your enterprise network operations. Cisco DNA automation is built on a Software-Defined Network (SDN) controller, rich contextual analytics, network virtualization and the limitless scalability of the cloud. With Cisco's DNA products and solutions, such as SD-Access, Cisco Intelligent WAN (IWAN), SD-WAN and network security, you can join the new era of networking. The Network. Intuitive.

With Cisco and Fast Lane's Exclusive course portfolio, we have all your training needs covered. See below for more detailed information on our DNA related courses, or contact us at [info@flane.com.pa](mailto:info@flane.com.pa) to discuss your current training requirements.

## Cisco Digital Network Architecture (DNA)

- **EXCLUSIVE:** Accelerating Customers' Digital Transformation with DNA (DNA)
- **ACTUALIZADO:** Cisco Digital Network Architecture Implementation Essentials (DNAIE)
- **EXCLUSIVE:** Securing your Customer with DNA (DNAS)
- **EXCLUSIVE:** Configuring, Optimising & Troubleshooting Cisco Meraki Wireless Workshop (MERAKI)
- **EXCLUSIVE:** Cisco StealthWatch Solution Overview Workshop (CSWSO)
- **EXCLUSIVE:** Cisco SDA Essentials (SDACE)
- **EXCLUSIVE:** Software Defined Access Partner Workshop (SDAWS)
- **COMING SOON:** Viptela SD-WAN Essentials (VSDWE)

More information: [www.flane.com.pa/cisco-digital-arch](http://www.flane.com.pa/cisco-digital-arch)

# NetApp Training



Fast Lane is the only authorized NetApp Learning Partner in all three NetApp regions Americas, EMEAR and Asiapac. We offer the full NetApp curriculum in more than 60 countries and 12 languages. All our instructors are NetApp-certified specialists with extensive practical experience.

More information:

[www.flane.com.pa/netapp](http://www.flane.com.pa/netapp)

## NetApp Certifications

With a NetApp certification, you will demonstrate your knowledge of NetApp storage and data management technologies. Our experts prepare you optimally for your certification goals.

Associate Level	
NetApp Certified Storage Associate - Hybrid Cloud (NCSA-HC)	• NetApp Certified Storage Associate - HC (NSO-146) Examen
Professional Zertifizierungen	
NetApp Certified Data Administrator (NCDA)	• NetApp Certified Data Administrator, ONTAP (NSO-158) Examen oder • NetApp Certified 7-Mode Data Administrator (NSO-155) Examen
NetApp Certified Support Engineer (NCSE)	• NetApp Certified Support Engineer (NSO-191) Examen
NetApp Certified Storage Installation Engineer (NCSIE)	• NetApp Certified Storage Installation Engineer, ONTAP (NSO-181) Examen
Specialist Zertifizierungen	
NetApp Certified Implementation Engineer - SAN Specialist	• NetApp Certified Implementation Engineer - SAN, ONTAP (NSO-507) Examen oder • NetApp Certified Implementation Engineer - SAN, Data ONTAP 7-Mode (NSO-502) Examen oder • NetApp Certified Implementation Engineer - SAN, E-Series (NSO-505) Examen
NetApp Certified Implementation Engineer - Data Protection Specialist	• NetApp Certified Implementation Engineer - Data Protection (NSO-512) Examen
NetApp Certified Support Engineer - ONTAP Specialist	• NetApp Certified Support Engineer - ONTAP Specialist (NSO-590) Examen
Cisco & NetApp FlexPod Design Specialist	• Cisco & NetApp FlexPod Design (NSO-170) Examen
Cisco & NetApp FlexPod Implementation & Administration Specialist	• Cisco & NetApp FlexPod Implementation & Administration (NSO-171) Examen

## NetApp Storage Systems Training

### ONTAP 9

- ONTAP Administration: What's New in ONTAP 9.0 (ADMIN90)
- ONTAP 9 Cluster Administration (ONTAP9ADM)
- ONTAP 9 Data Protection Administration (DATAPROT9)
- ONTAP 9 Cluster Administration and Data Protection Bundle (CDOTDP9)



More information: [www.flane.com.pa/netapp](http://www.flane.com.pa/netapp)

### NetApp Platform OS Training

- Basic NetApp Configuration and Administration (BNCA)
- Data ONTAP 7-Mode Administration (D7ADM)
- Accelerated NCDA Boot Camp Data ONTAP 7-Mode (ANCDABC87)
- Performance Analysis on Clustered Data ONTAP (PERFCDOT)
- Clustered Data ONTAP 8.3 Administration (D8CADM)
- Managing NAS and Performance on Clustered Data ONTAP (NASPAD)
- NCDA Boot Camp (NCDABC)
- NetApp Architecture & Storage Design Workshop (NAASD)

More information: [www.flane.com.pa/netapp](http://www.flane.com.pa/netapp)

## NetApp Protocols Training

- Data ONTAP CIFS 8.3 Administration (CIFS)
- ONTAP NFS Administration (NFS)

More information: [www.flare.com.pa/netapp](http://www.flare.com.pa/netapp)

## NetApp SAN Training

- NetApp Portfolio: Exploring SAN Architectures and Configurations (SANARCH)
- Data ONTAP SAN Implementation (SANIMP)

More information: [www.flare.com.pa/netapp](http://www.flare.com.pa/netapp)

## E-Series

- Configuring and Monitoring NetApp E-Series and EF-Series Storage Systems (CMESERIES)

More information: [www.flare.com.pa/netapp](http://www.flare.com.pa/netapp)

## NetApp Partner

- ONTAP MetroCluster Installation (MCCIW)
- Clustered Data ONTAP Installation Workshop (COIW)
- Clustered Data ONTAP Installation Hands On Exam (COIWPRAC)

More information: [www.flare.com.pa/netapp](http://www.flare.com.pa/netapp)

## Clustered Data ONTAP Professional

- Clustered Data ONTAP 8.3 Administration and Data Protection (CDOTDP)
- Managing NAS and Performance on Clustered Data ONTAP (NASPAD)

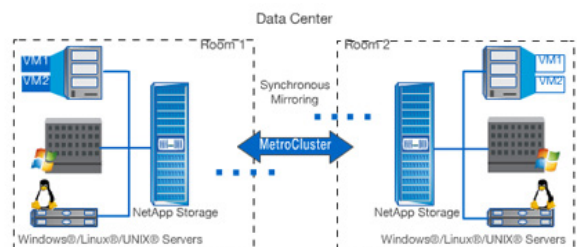
More information: [www.flare.com.pa/netapp](http://www.flare.com.pa/netapp)

# NetApp Data Protection Training

## NetApp Data Protection Software Training

- NetApp Data Protection Administration (DATAPROT)
- SnapProtect Solution Administration (SPSA)
- ONTAP MetroCluster Installation (MCCIW)
- NetApp MultiStore Administration (NMA)
- MetroCluster & High Availability (METRO)

More information: [www.flare.com.pa/netapp](http://www.flare.com.pa/netapp)

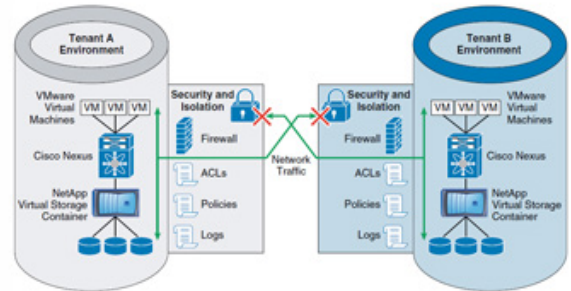


## NetApp Virtualization Training

### NetApp Virtualization Training

- VMware vSphere on NetApp (VVNA)
- Implementing Microsoft Hyper-V on Data ONTAP (IMPMSHV)
- Implementing VMware vSphere on Data ONTAP (IMPVMVS)

More information: [www.flane.com.pa/netapp](http://www.flane.com.pa/netapp)



## NetApp FlexPod Training

### FlexPod Pre-Sales Training

- Designing the FlexPod Solution (FPDESIGN)

### FlexPod Foundational Courses

- Implementing and Administering the FlexPod Solution (FPIMPADM)

### FlexPod Management

- Cisco UCS Director Foundation (UCSDF)

More information: [www.flane.com.pa/netapp](http://www.flane.com.pa/netapp)

## NetApp Management Software Training

### NetApp Management Software Training

- Administration of OnCommand Unified Manager and Integrated Solutions (AOCMCDOT)
- NetApp OnCommand Unified Manager Administration (OCADM)
- NetApp OnCommand Insight Operation and Best Practices (OCIOBP)
- OnCommand Insight: Advanced Report Creation with Report Studio (OCIARC)

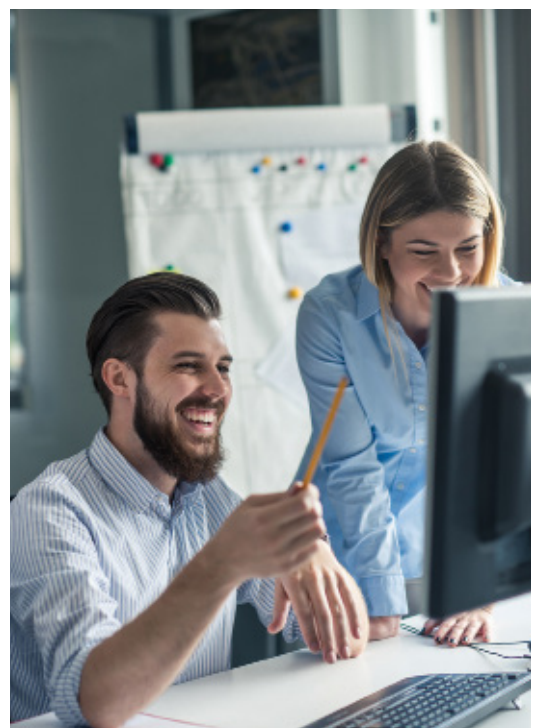
More information: [www.flane.com.pa/netapp](http://www.flane.com.pa/netapp)

## Applications on NetApp Storage Training

### NetApp Management Software Training

- Implementing Microsoft Exchange on NetApp Storage Systems (MSEXC)
- Implementing Microsoft SQL Server on NetApp Storage Systems (MSSQL)
- Implementing Microsoft SharePoint on NetApp Storage Systems (MSSP)
- Implementing Oracle on NetApp Storage Systems (ORONSS)

More information: [www.flane.com.pa/netapp](http://www.flane.com.pa/netapp)



# Microsoft Training

## Fast Lane ist Microsoft Learning Partner of the Year 2017

Fast Lane has been recognized as one of the world's top Microsoft partners and honored for outstanding Microsoft Learning solutions and innovative services.



**Microsoft** Partner  
Silver Learning

### Original Microsoft Training

As an authorized Microsoft Silver Learning Partner we offer both beginners as well as experts the original trainings from Microsoft with numerous practical exercises. During the trainings we prepare you optimally for the Microsoft certifications.

### Microsoft Expert Line

In the exclusive practice workshops of our Microsoft expert series we deal with existing Microsoft solutions and products beyond the training of the official Microsoft curriculum.

### Top-Trainer

Our Microsoft Certified Trainers (MCT) have years of hands-on experience and in-depth knowledge of Microsoft products and their solution deployments.

### Directly on the spot

Regular training offers in many locations enable optimal planning of your training and further education. We are also happy to carry out individually tailored training according to your wishes, of course also in your local company.

### Microsoft On-Demand Courses

Official Microsoft On-Demand (MOC On-Demand) courses offer a combination of videos, text, hands-on labs, and knowledge tests for flexible self-study. This gives you the opportunity to learn according to your own timetable, at a self-determined pace, and anywhere.

### Microsoft Software Assurance Training Vouchers (SATV)

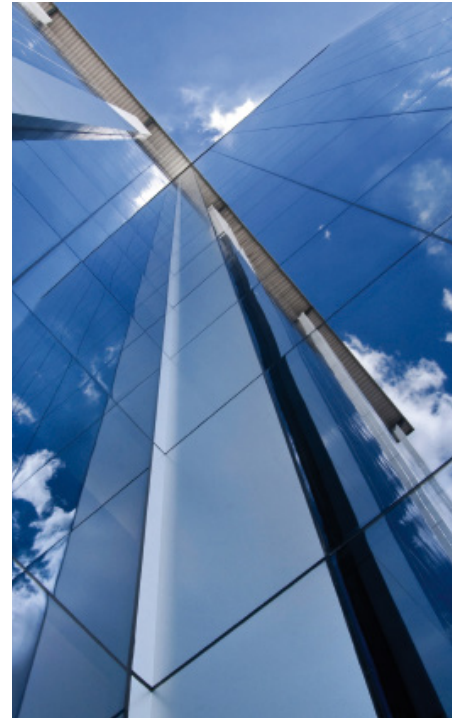
Did your company receive Software Assurance Training Voucher (SATV) under a license agreement with Microsoft? Then you can redeem your training vouchers with us! With your Software Assurance Vouchers, we provide you with original Microsoft training that will help your employees efficiently launch, manage, customize and support Microsoft's new software without affecting your budget for training.



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More information:

[www.flane.com.pa/microsoft](http://www.flane.com.pa/microsoft)



#### Our Microsoft competencies

- Silver Learning
- Gold Cloud Platform
- Gold Cloud Productivity
- Gold Datacenter
- Silver Data Analytics
- Silver Data Platform

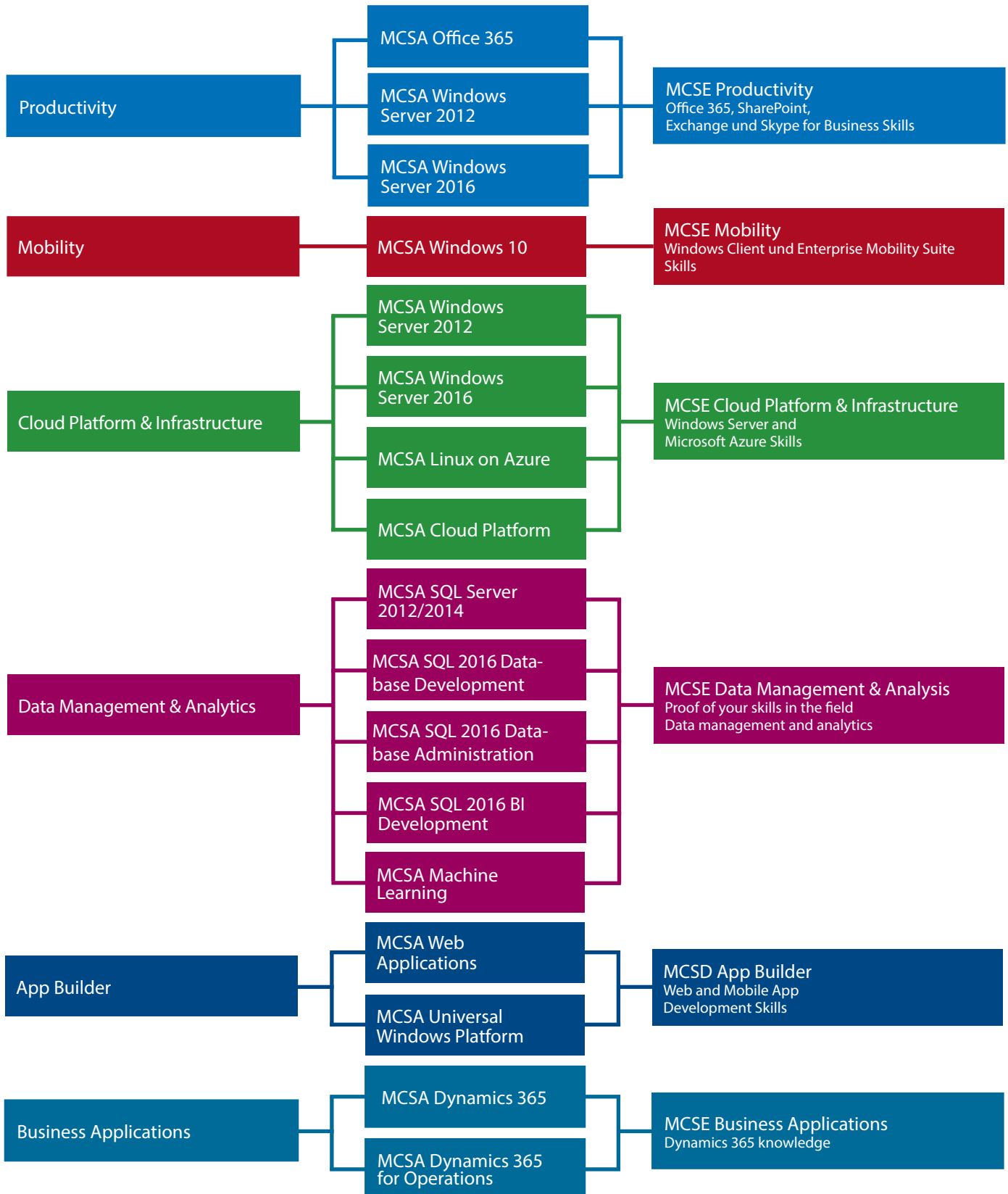


# Microsoft Certifications



Show your knowledge with a Microsoft certification! With certification as a Microsoft Certified Solutions Expert (MCSE), everyone knows you have the skills to do the job. That's why it's so important in today's competitive marketplace.

More information:  
[www.flane.com.pa/microsoft-certifications](http://www.flane.com.pa/microsoft-certifications)







**Microsoft** Partner  
Silver Learning

# Microsoft Azure Expert Program

## The quickest way to become a certified Azure expert!

Microsoft Azure is a growing collection of integrated cloud services for the modern business. Fast Lane has set up three complete packages to support developers and IT professionals on their journey to the cloud!

The Azure Expert program has been designed for prospective cloud experts, that concludes with the globally recognized MCSE: Cloud Platform & Infrastructure certification within just a few weeks. When you become a certified Microsoft Azure Solutions Specialist, you will gain professional recognition for your expertise covering the full breadth of architecting, developing, and administering Azure solutions.

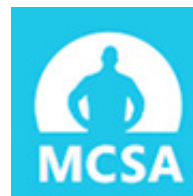


## Azure Expert Training Program

### MCSA Cloud Platform

Training package includes:

- Developing Microsoft Azure Solutions (20532)
- Implementing Microsoft Azure Infrastructure Solutions (20533)
- \*DMOC (20532 and 20533)
- Voucher + retake + practice test (20532 and 20533)
- Mentoring (8 hours)



### Pre requisites

Program participants should have a basic understanding of cloud computing and client server computing.

### Azure Expert Benefits

**Flexible:** Instructor-led classroom training plus self-study E-learning

**Interactive:** Hands-on labs and focused assessments to track the learning progress

**Complete:** Full-service program incl. exam vouchers, assessments, mentoring hours.

**Original:** Official Microsoft courses

**Hands-on:** High practical relevance based on our project experience

**Save Money:** Our all-encompassing package offers great value for money

### MCSE Cloud Platform

Training package includes:

- MOC Workshop: Architecting Microsoft Azure Solutions (40442)
- \*DMOC (40442)
- Voucher + retake + practice test (40442)
- Mentoring (8 hours)



### Microsoft Azure Full Pack

Training package includes:

- Developing Microsoft Azure Solutions (20532)
- Implementing Microsoft Azure Infrastructure Solutions (20533)
- DMOC (20532)
- DMOC (20533)
- Voucher + retake + practice test (20532)
- voucher + retake + practice test (20533)
- MOC Workshop: Architecting Microsoft Azure Solutions (40442)
- \*DMOC (40442)
- Voucher + retake + practice test (40442)
- Mentoring (16 hours)



More information: [www.flane.com.pa/microsoft\\_azure\\_expert](http://www.flane.com.pa/microsoft_azure_expert)

# Microsoft Training



**Microsoft** Partner  
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IFast Lane offers the full range of Microsoft training, from entry-level to high-end specialist courses. All our instructors are Microsoft-certified specialists with extensive practical experience in their specialist fields.

More information:  
[www.flane.de/microsoft](http://www.flane.de/microsoft)

## Microsoft Windows Server Training

### Microsoft Windows Server 2012

- Upgrading Your Skills to MCSA Windows Server 2012 (20417)
- Installing and Configuring Windows Server 2012 (20410)
- Administering Windows Server 2012 (20411)
- Configuring Advanced Windows Server 2012 Services (20412)
- Designing and Implementing a Server Infrastructure (20413)
- Implementing an Advanced Server Infrastructure (20414)
- Implementing a Desktop Infrastructure (20415)
- Implementing Desktop Application Environments (20416)
- Server Virtualization with Windows Server Hyper-V and System Center (20409)
- Active Directory Services with Windows Server (10969)
- Networking with Windows Server (10970)
- Administering the Web Server (IIS) Role of Windows Server (10972)
- Deploying and Migrating Windows Servers (10974)



### Virtualization

- Implementing and Managing Microsoft Server Virtualization (10215)

### Windows Server 2008

- Updating Your Active Directory Technology Skills to Windows Server 2008 (6416)
- Configuring, Managing and Maintaining Windows Server 2008-based Servers (6419)
- Configuring and Troubleshooting Windows Server 2008 Active Directory Domain Services (6425)
- Configuring Identity and Access Solutions with Windows Server 2008 Active Directory (6426)
- Planning and Implementing Windows Server 2008 (6433)

## Microsoft System Center Training

### Microsoft System Center

- Monitoring and Operating a Private Cloud (20246)
- Planning and Deploying System Center 2012 Configuration Manager (10748)
- Server Virtualization with Windows Server Hyper-V and System Center (20409)
- Cloud & Datacenter Monitoring with System Center Operations Manager (10964)
- IT Service Management with System Center Service Manager (10965)



## Microsoft Azure & Office 365 Training

### Microsoft Azure

- Introduction to Azure for Developers (10978)
- Implementing Microsoft Azure Infrastructure Solutions (20533)
- Developing Windows Azure and Web Services (20487)



### Microsoft Office 365

- Planning for and Managing Devices in the Enterprise: Enterprise Mobility Suite (EMS) & On-Premises Tools (20398)



**Microsoft** Partner  
Silver Learning

## Microsoft Exchange Server Training

### Microsoft Exchange Server 2013

- Core Solutions of Microsoft Exchange Server 2013 (20341)
- Advanced Solutions of Microsoft Exchange Server 2013 (20342)

 Exchange

### Microsoft Exchange Server 2010

- Designing and Deploying Messaging Solutions with Microsoft Exchange Server 2010 (10233)
- Configuring, Managing and Troubleshooting Microsoft Exchange Server 2010 (10135)

## Microsoft Lync Server / Skype for Business Training

### Microsoft Lync Server 2013

- Core Solutions of Microsoft Skype for Business 2015 (20334)

 Skype for Business

## Microsoft SQL Server Training

### Microsoft SQL Server Training

- Introduction to SQL Databases (10985)
- Performance Tuning and Optimizing SQL Databases (10987)
- Querying Data with Transact-SQL (20761)
- Developing SQL Databases (20762)
- Provisioning SQL Databases (20765)
- Implementing a SQL Data Warehouse (20767)
- Upgrading Your SQL Server Skills to Microsoft SQL Server 2014 (10977)
- Querying Microsoft SQL Server 2014 (20461)
- Administering Microsoft SQL Server 2014 Databases (20462)
- Implementing a Data Warehouse with Microsoft SQL Server (20463)
- Developing Microsoft® SQL Server® Databases (20464)
- Designing a Data Solution with Microsoft SQL Server (20465)
- Implementing Data Models and Reports with Microsoft® SQL Server® (20466)
- Designing Self-Service Business Intelligence and Big Data Solutions (20467)
- Microsoft SQL Server 2014 Performance Tuning and Optimization (55144)
- Enterprise Search for IT Professionals (10802)
- Microsoft SharePoint 2010 Search for Application Developers (10805)
- Microsoft FAST Search Server 2010 for SharePoint for Application Developers (10806)

Microsoft  
SQL Server

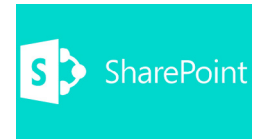




## Microsoft SharePoint Training

### Microsoft Sharepoint Server 2013

- Core Solutions of Microsoft SharePoint Server 2013 (20331)
- Advanced Solutions of Microsoft SharePoint Server 2013 (20332)
- Developing Microsoft SharePoint Server 2013 Core Solutions (20488)
- Developing Microsoft SharePoint Server 2013 Advanced Solutions (20489)



### Microsoft Sharepoint Server 2010

- Enterprise Search for IT Professionals (10802)
- Microsoft SharePoint 2010 Search for Application Developers (10805)
- Microsoft FAST Search Server 2010 for SharePoint for Application Developers (10806)

## Microsoft Windows Training

### Microsoft Windows Desktop

- Configuring Windows 8.1 (20687)
- Supporting Windows 8.1 (20688)
- Upgrading Your Skills to MCSA Windows 8 (20689)
- Deploying Windows Desktops and Enterprise Applications (20695)
- Administering System Center Configuration Manager and Intune (20696)
- Implementing and Managing Windows 10 (20697-1)
- Deploying and Managing Windows 10 using Enterprise Services (20697-2)
- Supporting and Troubleshooting Windows 10 (10982)



## Microsoft Developer Training

### Microsoft PowerShell

- Automating Administration with Windows PowerShell (10961)
- Advanced Automated Administration with Windows PowerShell (10962)



### Microsoft PowerShell

- Development Windows Communication Foundation Solutions with MS Visual Studio 2010 (10263)
- Developing Web Applications with Microsoft Visual Studio 2010 (10264)
- Programming in Visual Basic with Microsoft Visual Studio 2010 (10550)
- Developing Data Access Solutions with Microsoft Visual Studio 2010 (10265)
- Programming in C# with Microsoft Visual Studio 2010 (10266)
- Introduction to Web Development with Microsoft Visual Studio 2010 (10267)
- Programming Fundamentals of Web Applications (10958)

### Programming

- Introduction to Azure for Developers (10978)
- Developing Windows Azure and Web Services (20487)
- Programming in HTML5 with JavaScript and CSS3 (20480)
- Essentials of Developing Windows Store Apps Using HTML5 and JavaScript (20481)
- Advanced Windows Store App Development Using HTML5 and JavaScript (20482)
- Programming in C# (Visual Studio 2012) (20483)
- Essentials of Developing Windows Store Apps Using C# (20484)
- Advanced Windows Store App Development Using C# (20485)
- Developing ASP.NET MVC 4 Web Applications (20486)

More information: [www.flane.com.pa/microsoft](http://www.flane.com.pa/microsoft)



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# Microsoft On-Demand Training

Official Microsoft On-Demand (MOC On-Demand) courses offer a combination of videos, text, hands-on labs, and knowledge tests to help you develop your Microsoft technological skills-with your own schedule, at a self-paced pace, and your own own place.

More information:  
[www.flane.com.pa/microsoft-epackages](http://www.flane.com.pa/microsoft-epackages)

## Our MOC on-demand options

We offer you the Microsoft On-Demand courses in the versions Core, Advanced and Premium.

### Microsoft On-Demand Core

Includes the basic MOC On-Demand product plus the digital MOC Courseware.

### Microsoft On-Demand Advanced

Includes CORE options, and additional 4 virtual hours of mentoring with a Microsoft Certified Trainer (MCT). This gives the participant an opportunity to interact with an MCT who can answer individual questions regarding the training, and can provide support in preparation for the exam. Additionally, an Exam Voucher is included.

### Microsoft On-Demand Premium

Includes CORE options, and additional 8 virtual hours of mentoring with a Microsoft Certified Trainer (MCT). This gives the participant an opportunity to interact with an MCT who can answer individual questions regarding the training, and can provide support in preparation for the exam. Additionally, 3 Exam Vouchers and a Measure-Up Practice Test are included.

\*Fast Lane provides a maximum of 3 Microsoft test vouchers as part of the 100% Exam Pass Guarantee.

### Individual Online Mentoring

For all MOC on-demand options, you can also book our two-hour online mentoring package. In individual mentoring sessions with your personal Microsoft Certified Trainer, this will give you exactly the help you need.

### Features and benefits

- Original Microsoft, directly from the source with training materials from Microsoft
- High-quality videos with detailed technical content
- Practical exercises in a live lab environment
- Flexible - learning content is available around the clock
- Knowledge checks at the end of courses and modules
- Developed by experts - Microsoft Certified Trainer and Subject Matter Experts
- Modular design in small learning units



## Our MOC on-demand offers compared:

	MOD Core	MOD Advanced	MOD Prime
Microsoft Video Learning	✓	✓	✓
Online Hands-On Labs	✓	✓	✓
Assessments	✓	✓	✓
DMOC Courseware	✓	✓	✓
MCT Technology Days		2 (Online)	5 (Classroom)
Fast Lane Exam Voucher		✓	✓
Measure-Up Practice Test		✓	✓
100% Exam Pass Guarantee (maximal drei Examensvoucher)			✓



**Microsoft** Partner  
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# Microsoft On-Demand Available Courses

## Microsoft Windows Server

- Installation, Storage & Compute with Windows Server 2016 (MOC 20740)
- Networking with Windows Server 2016 (MOC 20741)
- Identity with Windows Server 2016 (MOC 20742)
- Securing Windows Server 2016 (MOC 20744)
- Upgrading Your Skills to MCSA: Windows Server 2016 (MOC 20743)
- Windows Server 2016 First Look Clinic (MOC 40389)
- Active Directory Services with Windows Server (MOC 10969)
- Administering the Web Server (IIS) Role of Windows Server (MOC 10972)

## Microsoft System Center

- Planning & Deploying System Center 2012 Configuration Manager (MOC 10748)
- Cloud & Datacenter Monitoring with System Center Operations Manager (MOC 10964)
- IT Service Management with System Center Service Manager (MOC 10965)
- Administering System Center Configuration Manager & Intune (MOC 20696)

## Microsoft Azure

- First Look Clinic: Microsoft Azure (MOC 99995)
- Microsoft Azure Fundamentals (MOC 10979)
- Integrating On-Premises Core Infrastructure with Microsoft Azure (MOC 10992)
- Integrating On-Premises Identity Infrastructure with Microsoft Azure (MOC 10993)
- Developing Microsoft Azure Solutions (MOC 20532)
- Implementing Microsoft Azure Infrastructure Solutions (MOC 20533)
- Microsoft Azure for AWS Experts (MOC 40390)

## Microsoft Exchange Server

- Administering Microsoft Exchange Server 2016 (MOC 20345-1)
- Designing & Deploying Microsoft Exchange Server 2016 (MOC 20345-2)

## Microsoft Office 365

- Enabling & Managing Office 365 (MOC 20347)

## Microsoft Windows & Mobility

- Implementing & Managing Windows 10 (MOC 20697-1)
- Installing & Configuring Windows 10 (MOC 20698)
- Supporting & Troubleshooting Windows 10 (MOC 10982)
- Deploying Windows Desktops & Enterprise Applications (MOC 20695)
- Planning for & Managing Devices in the Enterprise: Enterprise Mobility Suite (EMS) & On-Premises Tools (MOC 20398)

## Microsoft Skype for Business

- Core Solutions of Microsoft Skype for Business 2015 (MOC 20334)

## Microsoft SharePoint

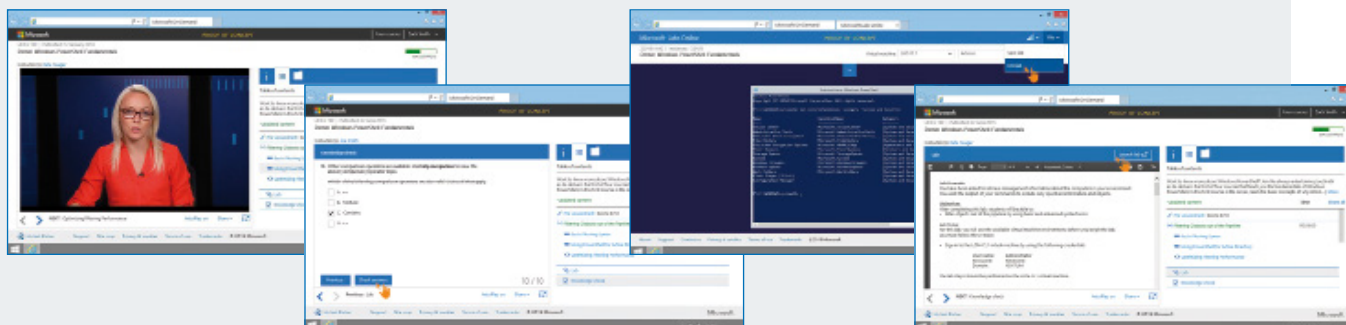
- Planning & Administering SharePoint 2016 (MOC 20339-1)
- Advanced Technologies of Microsoft SharePoint 2016 (MOC 20339-2)

## Microsoft SQL Server

- Introduction to SQL Databases (MOC 10985)
- Upgrading your Skills to SQL Server 2016 (MOC 10986)
- Performance Tuning & Optimizing SQL Databases (MOC 10987)
- Managing SQL Business Intelligence Operations (MOC 10988)
- Analyzing Data with Power BI (MOC 10989)
- Analyzing Data with SQL Server Reporting Services (MOC 10990)
- Data Analysis Fundamentals using Excel (MOC 10994)
- Querying Data with Transact-SQL (MOC 20761)
- Developing SQL Databases (MOC 20762)
- Administering a SQL Database Infrastructure (MOC 20764)
- Implementing a SQL Data Warehouse (MOC 20767)
- Analyzing Data with Excel (MOC 20779)

## Microsoft Developer

- Automating Administration with Windows PowerShell (MOC 10961)
- Advanced Automated Administration with Windows PowerShell (MOC 10962)
- Programming in HTML5 with JavaScript & CSS3 (MOC 20480)
- Programming in C# (Visual Studio 2012) (MOC 20483)



More information: [www.flane.com.pa/microsoft-ondemand](http://www.flane.com.pa/microsoft-ondemand)



**Microsoft** Partner  
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# IBM Training



As an IBM Education Delivery and IBM Sales Partner of Arrow ECS, Fast Lane offers all authorized IBM training worldwide. The IBM training portfolio includes numerous technical trainings to help you acquire the skills you need to get the most out of IBM IT infrastructure and software solutions. We offer u.a. Training on the following IBM solutions:

- Information Management
- Business Analytics: Cognos, SPSS
- Rational
- Cloud & Smarter Infrastructure (Tivoli)
- WebSphere
- Security Systems
- Power Systems
- Mainframe / System z
- Storage Systems
- Platform Computing
- VersaStack

More information: [www.flane.com.pa/ibm-training](http://www.flane.com.pa/ibm-training)



## IBM Systems Training

### versastack

- VersaStack for Account Managers (VSAM)
- VersaStack Implementation (VSI)
- VersaStack Test Drive (VSTD)
- VersaStack Administration (VSA)
- VersaStack Implementation Fast Track (VSIFT)

More information: [www.flane.com.pa/ibm-training](http://www.flane.com.pa/ibm-training)



### Platform Computing

- IBM Platform LSF Basic Configuration and Administration for Linux (H010G)
- IBM Platform LSF Advanced Administration and Configuration for Linux (H023G)
- IBM Platform Symphony Administration Basic for Linux (H050G)
- IBM Platform Symphony Administration Advanced for Linux (H052G)
- IBM Platform HPC 4.1.1 (H080G)
- IBM Spectrum Conductor with Spark Basic Configuration and Administration for Linux (H007G)

### Power Systems i

- RPG IV Programming - Fundamentals (AS06G)
- System Operator Workshop for IBM i (AS24G)
- Advanced System Operator for System i (AS27G)
- BRMS for IBM i (AS28G)
- PowerVM on IBM i - I: Implementing Virtualization and LPAR (AS5EG)
- PowerVM on IBM i - II: Advanced Topics and Performance (AS5FG)
- IBM i System Administration (OL19G)
- Control Language programming Workshop for IBM i (OL20G)
- Developing IBM i Applications Using SQL (OL38G)
- Hardware Management Console (HMC) for System i (OL52G)
- RPG IV Programming Advanced Workshop for IBM i (AS10G)
- Getting Started with DB2 Web Query (OD04G)
- Introduction to IBM i for New Users (OE98G)
- Structure, Tailoring and Basic Tuning for IBM i (OL23G)
- Accessing the IBM i Database Using SQL (OL37G)
- IBM i Technical Introduction (OL4AG)
- Database Coding and Implementation Using DDS (OL62G)
- Performance Analysis and Capacity Planning for IBM i (OL66G)
- Whats New in IBM i 7.3 and IBM POWER8 Systems (OS020G)

More information: [www.flane.com.pa/ibm-training](http://www.flane.com.pa/ibm-training)



## Power Systems

- POWER8 Systems and AIX Enhancements (AN101G)
- POWER8 Systems and AIX Differences Workshop (AN102G)
- What's New in POWER8 and AIX - Fall 2016 (AN105G)



## Power Systems AIX

- AIX Basics (AN10G)
- Power Systems for AIX II: AIX Implementation and Administration (AN12G)
- AIX Jumpstart for UNIX Professionals (AN14G)
- Power Systems for AIX III: Advanced Administration and Problem Determination (AN15G)
- AIX Network Installation Manager (AN22G)
- Power Systems for AIX IV: Performance Management (AN51G)
- Implementing AIX Security Features (AN57G)
- Korn and Bash Shell Programming (AN202G)
- PERL Programming for Open Systems (AN203G)
- Advanced Tools for AIX Performance Analysis (AN52G)

More information: [www.flane.com.pa/ibm-training](http://www.flane.com.pa/ibm-training)

## Virtualization Software

- Power Systems for AIX - Virtualization I: Implementing Virtualization (AN30G)
- Power Systems for AIX - Virtualization II: Advanced PowerVM and Performance (AN31G)
- Power Systems for AIX III: Virtualization - Implementing Shared Storage Pools (AN32G)
- Implementing PowerVM Live Partition Mobility (AN33G)

More information: [www.flane.com.pa/ibm-training](http://www.flane.com.pa/ibm-training)

## Linux

- Linux Basics and Installation (LX02G)
- Linux System Administration I: Implementation (LX03G)
- Linux Jumpstart for UNIX System Administrators (LX15G)
- Linux Basics (LX010G)
- Implementing Community-Supported Open Source Linux on Power Systems (LX012G)
- Essentials of PowerVM (LX024G)
- Power Systems Running Linux: Red Hat Administration (PowerVM Base) (LX031G)
- Power Systems Running Linux: Red Hat Storage Management (PowerVM base) (LX032G)
- Power Systems Running Linux: Performance Management (PowerVM Base) (LX034G)
- Power Systems Running Linux: Ubuntu Server Administration (PowerVM Base) (LX041G)
- Power Systems Running Linux: Ubuntu Storage Management (PowerVM base) (LX042G)
- Power Systems Running Linux: SUSE Linux Administration (PowerVM Base) (LX051G)
- Power Systems Running Linux: SUSE Storage Management (PowerVM base) (LX052G)
- Enhancing Workload and Capacity Management with Docker on Power Systems (LX061G)

## Cluster Software

- PowerHA SystemMirror 6.1 Planning, Implementation and Administration (AN41G)
- PowerHA 7 Planning, Implementing, Customizing and Administration (AN61G)
- PowerHA SystemMirror 7 Advanced Configurations (AN62G)
- PowerHA SystemMirror 7 Problem Determination (AN66G)
- PowerHA SystemMirror 7.1 Planning and Implementation (AN67G)

## Cloud & Smarter Infrastructure

- IBM Tivoli Workload Scheduler for z/OS 9.2 Scheduling and Operations (TM405G)

## IBM Systems Training

### System Z

- z/OS JCL and Utilities (ES07G)
- Fundamental System Skills in Z/OS (ES10G)
- z/OS Facilities (ES15G)
- SMP/E for z/OS Workshop (ES26G)
- z/OS REXX Programming Workshop (ES52G)
- Effective RACF Administration (BE87G)
- TCP/IP for z/OS Implementation Workshop (CB69G)
- Basics of z/OS RACF Administration (ES19G)
- Parallel Sysplex Implementation Workshop (ES42G)
- zVM and zLinux Bootcamp (ZL00G)
- z/OS System Operators (ES27G)
- Advanced Assembler Language Coding Workshop (ES35G)
- z/OS System Programmer Fundamentals (ES40G)
- z/OS Installation Using ServerPac (ES41G)
- Basic z/OS Tuning Using the Workload Manager (ES54G)
- Advanced z/OS Security: Crypto, Network, RACF and Your Enterprise (ES66G)
- IBM System z Parallel Sysplex Operations (ES73G)
- IBM System z: Technical Overview of HW and SW Mainframe Evolution (ES82G)
- Implementing RACF Security for CICS (ES84G)
- Exploiting the Advanced Features of RACF (ES88G)
- Advanced Parallel Sysplex Operations and Recovery Workshop (ES90G)
- Hardware Configuration and Definition (HCD) for z/OS (ES96G)
- z/OS Management Facility Implementation and Use (ESB1G)
- z/OS Management Facility Implementation and Use (ESB3G)
- WAS for z/OS Liberty Profile (ESB4G)
- Linux Implementation for System z (SUSE) (ZL10G)
- Linux Basics - A System z Perspective (ZL12G)
- Advanced Solutions for Linux on System z (SuSE) (ZL15G)
- z/VM Introduction and Concepts (ZV02G)
- IBM System z Hardware Management Console (HMC) Operations (ES24G)
- OS/390 JES2 Operator Training (ES28G)
- Assembler Language Coding Workshop (ES34G)
- WebSphere for z/OS Version 8 Implementation (ES68G)
- Advanced z/OS Performance: WLM, Sysplex, UNIX Services, and Web (ES85G)
- z/OS Health Check and Troubleshooting (ESD2G)
- IBM System z Fast Track (ESZ0G)

### System Storage

- SAN Volume Controller (SVC) V7 Planning and Implementation Workshop (SNV1G)
- IBM DS8000 Implementation Workshop for Open Systems (SSF0G)
- IBM Storwize V7000 Implementation Workshop (SSE1G)
- IBM DS8000 - Implementation Workshop for System z (SSF1G)
- DFSMS/MVS Implementation (SS84G)
- IBM Spectrum Scale Basic Administration for Linux (H005G)
- IBM Spectrum Accelerate Implementation (SSC30G)
- IBM Cloud Object Storage - Implementation and Administration (GST11G)
- IBM Spectrum Scale Advanced Administration for Linux (H006G)
- DFSMSHsm - Implementierung (SS86G)
- IBM Spectrum Protect 7.1.4 Implementation and Administration (TS615G)
- IBM Spectrum Protect 8.1.2 Implementation and Administration (TS616G)
- IBM Spectrum Protect 7.1.6 Advanced Administration, Tuning, and Troubleshooting (TS625G)
- IBM Tivoli Storage Manager for Virtual Environments 7.1 (TS632G)

## IBM Cloud Training

### Cloud & Smarter Infrastructure

- IBM Tivoli System Automation for z/OS 3.4 Introduction and Operations (SM926G)
- IBM System Automation for z/OS 3.4 Implementation and Administration (SM936G)
- IBM Tivoli Monitoring 6.3 Fundamentals (TM023G)
- IBM Tivoli Monitoring 6.3 Advanced Administration (TM063G)
- IBM TCAM for Transactions 7.3 Implementation and Administration (TM662G)
- IBM Tivoli Composite Application Manager for Application Diagnostics 7.1 Usage (TM690G)
- IBM Tivoli Netcool/OMNIBus 8.1 Installation and Configuration (TN025G)
- IBM Netcool/OMNIBus 8.1 Administration and Maintenance (TN035G)
- IBM Tivoli Netcool/Impact 7.1 Administration and Implementation (TN045G)
- IBM SmartCloud Control Desk 7.5 IT Asset Management Fundamentals (TP380G)
- IBM Tivoli Monitoring 6.3 for Implementers (TV355G)
- IBM Tivoli Monitoring 6.2 Historical Reporting and Data Collection (TV372G)
- IBM Tivoli Monitoring 6.2.1 Agent Builder (TV382G)
- IBM Agent Builder 6.3.1 (TV383G)
- IBM Tivoli Workload Scheduler 9.2 Operations and Scheduling (TX305G)
- IBM Tivoli Workload Scheduler 9.2 Administration (TX315G)
- IBM Tivoli NetView for z/OS 6.1 Fundamentals (TZ203G)
- IBM Tivoli NetView for z/OS 6.1 Automation (TZ213G)
- IBM Tivoli NetView for z/OS 6.1 REXX (TZ223G)
- IBM Tivoli NetView for z/OS 6.1 PIPEs (TZ233G)
- IBM Tivoli NetView for z/OS 6.1 Fundamentals, Automation, REXX, PIPEs (TZ243G)
- IBM Application Performance Management 8.1.3 - APM and Application Diagnostics Fundamentals (TM672G)
- IBM Monitoring 8.1.3 - Implementation and Administration (TM673G)
- IBM Netcool Operations Insight 1.4 - Implementation and Configuration (TN521G)
- IBM Operations Analytics Predictive Insights 1.3.3 Implementation and

## Configuration (TN612G)

- IBM Operations Analytics Log Analysis 1.3 Administration (TN630G)
- IBM Operations Analytics Log Analysis: Scalable Collection Architecture (TN631G)
- IBM Control Desk 7.6 Foundations (TP351G)
- IBM Control Desk 7.6 Service Request Management Fundamentals (TP362G)
- IBM SmartCloud Control Desk 7.5 Configuration, Change and Release Management Fundamentals (TP370G)
- IBM Workload Scheduler 9.3 Operations and Scheduling (TX317G)
- IBM Workload Scheduler 9.4 Administration (TX318G)

## WebSphere

- WebSphere Application Server V8.5 Scripting and Automation (WA680G)
- WebSphere Application Server V8.5.5 Administration (WA855G)
- WebSphere Application Server V8.5: Using Intelligent Management (WA880G)
- Developing Rule Solutions in IBM Operational Decision Manager V8.5 (WB383G)
- Managing Decisions in IBM Operational Decision Manager V8.5 (WB386G)
- Administering IBM Operational Decision Manager V8.5 (WB389G)
- Developing Rule Solutions in IBM Operational Decision Manager V8.6 (WB390G)
- Managing Decisions in IBM Operational Decision Manager V8.6 (WB391G)
- Developing Rule Solutions in IBM Operational Decision Manager V8.7 (WB392G)
- Administering IBM Operational Decision Manager V8.7.1 (WB393G)
- Developing Solutions with IBM Decision Server Insights V8.7 (WB394G)
- Developing Rule Solutions in IBM Operational Decision Manager V8.8 (WB395G)
- Managing Decisions in IBM Operational Decision Manager V8.7.1 (WB396G)
- Developing Solutions with IBM Decision Server Insights V8.7.1 (WB398G)
- Developing Applications for IBM WebSphere Enterprise Service Bus V7 (WB713G)
- WebSphere Enterprise Service Bus V7.0 Administration (WB723G)
- Developing Applications for IBM WebSphere Enterprise Service Bus V7.5 (WB753G)
- Process Modeling with IBM Business Process Manager Standard V8.5 (WB807G)
- Process Implementing with IBM Business Process Manager Standard V8.5 - I (WB808G)
- Process Implementing with IBM Business Process Manager Standard V8.5 - II (WB809G)
- Administration of IBM Business Process Manager Standard V8.5 (WB812G)
- Process Modeling with IBM Business Process Manager Standard V8.5.5 (WB813G)
- Process Implementing with IBM Business Process Manager Standard V8.5.5 - I (WB814G)
- Process Implementing with IBM Business Process Manager Standard V8.5.5 - II (WB815G)
- Process Modeling with IBM Business Process Manager Standard-Adv V8.5.6 (WB818G)
- Process Implementing with IBM Business Process Manager Standard/Adv V8.5.6 - I (WB819G)
- Process Implementing with IBM Business Process Manager Standard/Adv V8.5.6 - II (WB820G)
- Administration of IBM Business Process Manager Standard V8.5.6 (WB821G)
- Developing Applications in IBM Business Process Manager Advanced V8.5 - I (WB855G)
- Developing Applications in IBM Business Process Manager Advanced V8.5.5 - I (WB857G)
- Developing Applications in IBM Business Process Manager Advanced V8.5.5 - II (WB858G)
- Administration of IBM Business Process Manager Advanced V8.5 (WB867G)
- IBM Business Process Manager V8.5 Performance and Tuning (WB868G)
- IBM Business Process Manager V8.5 Problem Determination (WB869G)
- Administration of IBM Business Process Manager Advanced V8.5.5 (WB870G)
- Developing Applications with IBM Business Monitor V8.5.5 (WB895G)
- Accelerate, Secure and Integrate with IBM DataPower V7.1 (WE711G)
- JWS and JWE Support in IBM DataPower V7.2 (WE712G)
- Administration of IBM WebSphere DataPower Gateway V7 (WE720G)
- IBM MQ V8 System Administration (using Windows for labs) (WM207G)
- IBM MQ V8 System Administration (using Linux for labs) (WM209G)
- IBM MQ V8 Advanced System Administration (Distributed) (WM212G)
- Designing, Implementing, and Managing IBM MQ V8 Clusters (WM252G)
- IBM MQ V8 System Administration for z/OS (WM302G)
- IBM MQ V8 Advanced System Administration for zOS (WM312G)
- IBM Integration Bus V10 System Administration (WM646G)
- IBM Integration Bus V10 Application Development II (WM676G)
- Administering WebSphere Application Server Liberty Profile V9 (WA190G)
- WebSphere Application Server V9 Administration (WA590G)
- WebSphere Application Server V9 Administration in a Federated Environment (WA599G)
- Developing Solutions with IBM Decision Server Insights V8.8 (WB399G)
- Developing Rule Solutions in IBM Operational Decision Manager V8.9 (WB400G)
- Managing Decisions in IBM Operational Decision Manager V8.9 (WB401G)
- Process Modeling with IBM Business Process Manager Standard V8.5.7 (WB822G)
- Process Implementing with IBM Business Process Manager Standard V8.5.7 - I (WB823G)
- Process Implementing with IBM Business Process Manager Standard V8.5.7 - II (WB824G)
- IBM Business Process Manager Coach Enhancement Using the BPM UI Toolkit (WB830G)
- IBM Business Process Manager and Watson Cognitive Processes using Bluemix (WB831G)
- Integrating API Connect with IBM Business Process Manager (WB832G)
- Developing Applications in IBM Business Process Manager Advanced V8.5.6 - I (WB859G)
- Developing Applications in IBM Business Process Manager Advanced V8.5.7 - I (WB860G)
- Developing Applications in IBM Business Process Manager Advanced V8.5.7 - II (WB861G)

## Rational

- Essentials of IBM UrbanCode Release 6.2 (CQ450G)

More information: [www.flane.com.pa/ibm-training](http://www.flane.com.pa/ibm-training)

## IBM Bluemix

- Migrating applications to the cloud (CK100G)
- Integrating Cloud Applications (CK101G)
- Developing Cloud-Native Applications for Bluemix (CK102G)

More information: [www.flane.com.pa/ibm-training](http://www.flane.com.pa/ibm-training)

## IBM Analytics Training

### Cognos

- IBM Cognos ICM: Advanced Configuration (V8.0) (1R017G)
- IBM Cognos ICM: Building the Model (V8.1) (1R027G)
- IBM Cognos ICM: Building Reports (V8.1) (1R029G)
- IBM Cognos ICM: Building the Model (V9.0) (1R116G)
- IBM Cognos ICM: Building Reports (v.9.0) (1R119G)
- IBM Cognos Data Manager: Build Data Marts with Enterprise Data (v10.2) (B5280G)
- Essentials for IBM Cognos BI: Supplement for Metadata Modelers (V10.2.2) (B5A05G)
- Overview of IBM Cognos BI (V10.2.2) (B5A08G)
- IBM Cognos BI Administration: Architecture and Logging (V10.2.2) (B5A19G)
- IBM Cognos Framework Manager: Design Metadata Models (V10.2.2) (B5A52G)
- IBM Cognos BI Administration (V10.2.2) (B5A55G)
- IBM Cognos Report Studio: Authoring Professional Reports Fundamentals (V10.2.2) (B5A58G)
- IBM Cognos Report Studio: Author Professional Reports Advanced (V10.2.2) (B5A59G)
- IBM Cognos Report Studio: Author Reports with Multidimensional Data (V10.2.2) (B5A61G)
- IBM Cognos Cube Designer: Design Dynamic Cubes (V10.2.2) (B5A63G)
- Essentials for IBM Cognos BI (V10.2.2) (B5A70G)
- IBM Cognos Workspace Advanced: Author Self-Service Reports (V10.2.2) (B5A81G)
- IBM Cognos Transformer: Design OLAP Models (v10.2.2) (B5A82G)
- IBM Cognos Report Studio: Author Active Reports (V10.2.2) (B5A98G)
- Overview of IBM Cognos Analytics (v11.0) (B6008G)
- IBM Cognos Analytics - Enterprise Administration (v11.0) (B6055G)
- IBM Cognos Analytics - Author Reports Fundamentals (v11.0) (B6058G)
- IBM Cognos Analytics - Author Reports Advanced (v11.0) (B6059G)
- IBM Cognos Planning Analyst: Build Models (V10.1) (P8101G)
- IBM Cognos Planning: Explore and Contribute to Plans (V10.1) (P8104G)
- IBM Cognos Planning Contributor: Develop Applications (V10.1) (P8105G)
- IBM Cognos Planning: Overview (V10.1) - ILO (P8106G)
- IBM Cognos Planning: Administer the Technical Environment (V10.1) (P8107G)
- IBM Cognos Controller: Develop Applications (v10.2) (P8221G)
- IBM Cognos TM1: Design and Develop Models (V10.2) (P8252G)
- IBM Cognos TM1: Administer the Technical Environment (V10.2) (P8255G)
- IBM Cognos TM1: Analyze and Share Data (V10.2) (P8257G)
- IBM Cognos TM1: Whats New (V10.2) (P8258G)
- IBM Cognos TM1: Create Scorecards (V10.2) (P8259G)
- IBM Cognos TM1: Design and Develop Models in Architect (V10.2) (P8261G)
- IBM Cognos ICM: Building the Model (v10) (1R216G)
- Essentials for IBM Cognos Analytics: Supplement for Metadata Modelers (v11.0) (B6005G)
- IBM Cognos Analytics: Architecture and Logging (v11.0) (B6019G)
- IBM Cognos Framework Manager: Design Metadata Models (v11.0) (B6052G)
- IBM Cognos Analytics - Author Reports with Multidimensional Data (V11.0) (B6061G)
- IBM Cognos Cube Designer - Design Dynamic Cubes (v11.0) (B6063G)
- IBM Cognos Analytics - Author Active Reports (v11.0) (B6098G)
- IBM Planning Analytics: Design and Develop Models in Performance Modeler (v2.0) (P8352G)
- IBM Planning Analytics: Design and Develop Models in Architect (v2.0) (P8361G)



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## Enterprise Content Manager

- IBM FileNet Content Manager 5.2: Implementation and Administration (F115G)
- IBM FileNet CM 5.0: Java API Programming (F143G)
- IBM Enterprise Records 5.1: Records Management (F174G)
- IBM Enterprise Records 5.1: System Administration (F175G)
- IBM Enterprise Records 5.1: Core Skills (SPVC) (F178G)
- IBM Enterprise Records 5.1: System Configuration (F179G)
- IBM Enterprise Records 5.1: System Maintenance (SPVC) (F180G)
- IBM Enterprise Records 5.1: File Plan Design (SPVC) (F181G)
- IBM Enterprise Records 5.1: Automate Declaration (F182G)
- IBM FileNet P8 Platform 5.2: Installation (F211G)
- IBM Case Manager 5.2: Integrated Rules (F214G)
- IBM Case Manager 5.2: Introduction to Case Manager (F215G)
- IBM Case Manager 5.2: Security (F216G)
- IBM Case Manager 5.2: Customize and Extend the Features (F217G)
- IBM Case Manager 5.2: Integrating Case Analytic tools (F218G)
- IBM Case Manager 5.2: Solution Implementation (F219G)
- IBM Datacap 9.0: Introduction (F220G)
- IBM Datacap 9.0 Application Builder with FastDoc (F221G)
- IBM Datacap 9.0: Application Builder with FastDoc and Datacap Studio (F222G)
- IBM Datacap 9.0 Configuration (F224G)
- IBM Datacap 9.0 Administration (F225G)
- IBM StoredIQ 7.6: Core Skills (F226G)
- IBM Case Foundation 5.2.1: Configure the workflow system (F231G)
- IBM Case Foundation 5.2.1: Maintain the Workflow System (F233G)
- IBM Case Foundation 5.2.1: Manage Work in Progress (F234G)
- IBM Case Foundation 5.2.1: Workflow application deployment (F237G)
- IBM Case Foundation 5.2.1 - Administration (F247G)
- IBM Content Navigator 2.0.2 - Administration (F121G)
- IBM Content Navigator 2.0.2 - Plug-ins and External Data Services (F122G)
- IBM Case Manager 5.2: Migrating and Deploying Solutions (F213G)
- IBM Case Foundation 5.2.1: Security (F232G)
- IBM Case Foundation 5.2.1 - Component integration (F236G)
- IBM Case Foundation 5.2.1: Control Workflow Progress (F241G)
- IBM Case Foundation 5.2.1: External Communication (F243G)
- IBM Case Foundation 5.2.1: Process Design (F245G)
- IBM Datacap 9.0.1 - Introduction (F251G)
- IBM Datacap 9.0.1: FastDoc Local Mode (F252G)
- IBM Datacap 9.0.1: FastDoc Server Mode (F253G)
- IBM Datacap 9.0.1 FastDoc Multi-Page Document (F254G)
- IBM Datacap 9.0.1: Datacap Studio (F255G)
- IBM Datacap 9.0.1 - Datacap Configuration (F256G)
- IBM Datacap 9.0.1 - Datacap Navigator Configuration (F257G)
- IBM Datacap 9.0.1 - Administration (F258G)
- IBM Datacap 9.0.1: Application Builder (F261G)
- IBM Datacap 9.0.1 - Configuration & Administration (F262G)
- IBM Content Navigator 2.0.3.6 - Introduction (F270G)
- IBMContent Navigator 2.0.3.6 - Configuration (F271G)
- IBM Content Navigator 2.0.3.6 - Sync (F273G)
- IBM Content Navigator 2.0.3.6 - Entry Templates (F274G)
- IBM Content Navigator 2.0.3.6 - Customize a Desktop (F275G)
- IBM Content Navigator 2.0.3.6 Administration (F278G)
- FileNet Content Manager 5.2.1 - Introduction (F280G)
- FileNet Content Manager 5.2.1 - Build a FileNet Content Repository (F281G)
- IBM FileNet Content Manager 5.2.1 - Security (F283G)
- IBM FileNet Content Manager 5.2.1: Manage Sweep Jobs (F286G)
- IBM FileNet Content Manager 5.2.1: Auditing and Logging (F287G)
- IBM FileNet Content Manager 5.2.1: Administration (F288G)
- IBM Content Manager System Administration 8.4 (SPVC) (IM52G)

## Information Management

- DB2 Family Fundamentals (CE031G)
- DB2 SQL Workshop (CE121G)
- DB2 SQL Workshop for Experienced Users (CE131G)
- DB2 10.5 Administration Workshop for Linux (CL205G)
- DB2 10 for LUW: Basic Administration for AIX (CL213G)
- DB2 10.5 Administration Workshop for Windows V12.0 (CL235G)
- Quick Basics of DB2 10.5 Administration for Windows (CL285G)
- DB2 10 for LUW: Basic Administration for Linux and Windows (CL2X3G)
- DB2 for Linux, UNIX, and Windows Performance Tuning and Monitoring Workshop (CL413G)
- DB2 LUW Performance Tuning and Monitoring for Single and Multiple Partition DBs (CL443G)
- Implementation and Use of DB2 BLU Acceleration (CL450G)
- DB2 10.5 for LUW Advanced Database Administration with DB2 BLU Acceleration (CL463G)
- DB2 10.1 for Linux, UNIX, and Windows Quickstart for Experienced Relational DBAs (CL484G)
- DB2 10 for Linux, UNIX, and Windows Quickstart for Experienced Relational DBAs (CL485G)
- DB2 10 for LUW Advanced Database Recovery (CL493G)
- Introduction to DB2 for z/OS for Systems and Operations Personnel (CV021G)
- z/OS and DB2 Basics for DB2 for z/OS DBA Beginners (CV041G)
- DB2 11 for z/OS Application Programming Workshop (CV722G)
- DB2 11 for z/OS Database Administration Workshop Part 1 (CV832G)
- DB2 10 for z/OS Database Administration Part 2 (CV842G)
- DB2 10 for z/OS System Administration (CV851G)
- DB2 11 for z/OS System Administration (CV852G)
- DB2 11 for z/OS Implementation Workshop (CV862G)
- DB2 for z/OS Utilities per Database Administrator (CV871G)
- DB2 11 for z/OS Application Performance and Tuning (CV963G)
- Using IBM InfoSphere Optim Solutions for Distributed Platforms (DT225G)
- InfoSphere Optim Data Growth for Archiving on z/OS (DT802G)
- InfoSphere Optim Test Data Management and Data Masking on z/OS (DT812G)
- IBM BigInsights Overview (v4.0) (DW601G)
- IBM Open Platform with Apache Hadoop (DW606G)
- InfoSphere BigInsights Foundation (DW612G)
- IBM BigInsights Foundation (DW613G)
- IBM BigInsights Big SQL (DW632G)
- IBM BigInsights Big SQL (DW633G)
- BigInsights Analytics for Business Analysts (DW643G)
- IBM BigInsights BigSheets (DW644G)
- BigInsights Analytics for Programmers (DW653G)
- IBM BigInsights Text Analytics (V4) (DW654G)
- Programming for IBM InfoSphere Streams V4 with SPL (DW724G)
- Administration of IBM Streams v4.0 (DW732G)
- Developing Applications Using Informix 4GL (IX101G)
- Informix Structured Query Language (IX131G)
- Developing Applications Using IBM Informix ESQ/C (IX150G)
- Informix 11.7 Database Administration (IX222G)

## Information Management

- Fast Path to Informix for Experienced Relational Database Administrators (IX480G)
- Informix 11.7 System Administration (IX812G)
- IBM InfoSphere Data Replication Change Data Capture Essentials (KM020G)
- IBM InfoSphere DataStage Essentials (v11.5) (KM204G)
- IBM InfoSphere QualityStage Essentials v11.5 (KM213G)
- Data Click V10 for BigInsights (KM230G)
- IBM InfoSphere DataStage v11.5 - Advanced Data Processing (KM423G)
- IBM InfoSphere Information Server Administration 9.1 (KM502G)
- IBM InfoSphere Information Server Administration - Administrative Tasks V11.3 (KM510G)
- IBM InfoSphere DataStage engine Administration for Information Server v11.5 (KM520G)
- IBM InfoSphere Information Governance Catalog v11.5 - Building the Governance Catalog (KM614G)
- IBM InfoSphere IGC 1 - Understanding Your Information Assets V11.3 (KM623G)
- IBM InfoSphere FastTrack Essentials V9.1 (KM632G)
- What is New in IBM InfoSphere Data Integration and Governance V11.3? (KM650G)
- IBM InfoSphere Information Analysis 9.1 (KM802G)
- IBM InfoSphere Information Analysis V11.3 (KM803G)
- Using InfoSphere MDM Collaborative Edition V10.1 (ZZ520G)
- Programming with InfoSphere MDM Collaborative Edition V10.1 (ZZ540G)
- InfoSphere MDM Reference Data Management V10 (ZZ670G)
- InfoSphere MDM Virtual Foundation V11.4 (ZZ720G)
- InfoSphere MDM Algorithms v11 (ZZ780G)
- InfoSphere MDM Architecture V11 (ZZ820G)
- InfoSphere MDM Workbench v11 (ZZ840G)
- InfoSphere BigMatch for Hadoop v11.4 (ZZ850G)
- InfoSphere MDM Application Toolkit V11.3 (ZZ870G)
- Virtual Module Algorithms for InfoSphere MDM v11 (ZZ880G)
- InfoSphere MDM Physical Domains V11.4 (ZZ930G)
- Physical Module Algorithms for InfoSphere MDM V11 (ZZ980G)
- Db2 11.1 Administration Workshop for Linux (CL207G)
- DB2 10.5 for LUW Multiple Partition DBA Workshop (CL241G)
- DB2 11 BLU Acceleration Implementation and Use (CL451G)
- Db2 11.1 Quickstart for Experienced Relational DBAs (CL487G)
- DB2 11 for zOS Database Administration Workshop Part 2 (CV843G)
- IBM Netezza Analytics for Data Scientists - Using R and NZSQL (DW540G)
- IBM PureData System for Analytics Administration (DW575G)
- IBM PureData System for Analytics Programming and Usage (DW585G)
- IBM Big SQL for Developers (v5.0) (DW634G)
- IBM Big SQL for Administrators (v5.0) (DW664G)
- Informix 12.10 Database Administration (IX223G)
- Informix 12.10 System Administration (IX813G)
- IBM InfoSphere Advanced DataStage - Parallel Framework v11.5 (KM404G)

## PureSystems

- IBM Netezza Analytics for Data Scientists - Using R and NZSQL (DW540G)
- IBM PureData System for Analytics Programming and Usage (DW585G)

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## SPSS

- Introduction to IBM SPSS Collaboration and Deployment Services (v8) (OS006G)
- Introduction to Analytical Decision Management (v18) (OS114G)

## IBM Collaboration Solutions

- IBM Connections 4.0 - Social Software for Business (CNW42G)
- Domino 8.5 Help Desk Troubleshooting (D8L36G)
- Fundamentals of IBM Lotus Domino 8.5.1 Application Development (D8L51G)
- Developing IBM Lotus Domino 8.5 Applications XPage Design (D8L53G)
- Developing IBM Lotus Domino 8.5.2 Applications: Advanced XPage Design (D8L54G)
- IBM Lotus Domino 8.5 System Administration Fundamentals (D8L75G)
- Building the IBM Lotus Domino 8.5 Infrastructure (D8L76G)
- Managing IBM Lotus Domino 8.5 Servers and Users (D8L77G)
- IBM Domino 9 Administration Fundamentals (ND900G)
- Whats new in IBM Connections 4.5 (CNW43G)
- IBM Connections 5.0 Administration (CNW50G)
- Exploring New Features in IBM Lotus Domino 8.5 Administration (D8730G)
- Modernizing IBM Lotus Domino 8.5.2 Applications (D8L56G)
- IBM Lotus Domino 8.5 System Administration Boot Camp (D8L89G)

More information: [www.flane.com.pa/ibm-training](http://www.flane.com.pa/ibm-training)

## IBM Mobile Training

### Mobile

- Mobile Application Development and Deployment with IBM MobileFirst Platform Foundation V7.1 (CK500G)
- Mobile Application Development with IBM Worklight Foundation V6.2 (WD602G)

More information: [www.flane.com.pa/ibm-training](http://www.flane.com.pa/ibm-training)

## IBM Social Training

### IBM Collaboration Solutions

- IBM Connections 4.0 - Social Software for Business (CNW42G)
- Domino 8.5 Help Desk Troubleshooting (D8L36G)
- Fundamentals of IBM Lotus Domino 8.5.1 Application Development (D8L51G)
- Developing IBM Lotus Domino 8.5 Applications XPage Design (D8L53G)
- Developing IBM Lotus Domino 8.5.2 Applications: Advanced XPage Design (D8L54G)
- IBM Lotus Domino 8.5 System Administration Fundamentals (D8L75G)
- Building the IBM Lotus Domino 8.5 Infrastructure (D8L76G)
- Managing IBM Lotus Domino 8.5 Servers and Users (D8L77G)
- IBM Domino 9 Administration Fundamentals (ND900G)
- Whats new in IBM Connections 4.5 (CNW43G)
- IBM Connections 5.0 Administration (CNW50G)
- Exploring New Features in IBM Lotus Domino 8.5 Administration (D8730G)
- Modernizing IBM Lotus Domino 8.5.2 Applications (D8L56G)
- IBM Lotus Domino 8.5 System Administration Boot Camp (D8L89G)

## IBM Security Training

### Security Systems

- IBM Security QRadar SIEM Administration (BQ150G)
- IBM Security SiteProtector System: Basic Implementation and Administration (IS604G)
- IBM QRadar SIEM Foundations (BQ103G)
- IBM Security QRadar SIEM Advanced Topics (BQ132G)
- IBM Network Protection Advanced Topics (IS680G)
- IBM BigFix Content Development (IS730G)
- IBM Security zSecure UNIX System Services (USS) Security Overview (TK223G)
- IBM Security zSecure RACF and SMF Auditing (TK243G)
- IBM Security zSecure RACF Management Workshop (TK253G)
- IBM AppScan Enterprise Foundations (TK301G)
- IBM Access Manager Federated Single Sign-on (TW066G)
- IBM Security Directory Suite Foundations (TW070G)
- IBM Directory Server 6.4 Fundamentals (TW085G)
- IBM Access Manager Platform Foundations (TW107G)
- IBM Identity Manager Virtual Appliance Foundations (TW254G)
- IBM Identity Governance and Intelligence Foundations (TW400G)

More information: [www.flane.com.pa/ibm-training](http://www.flane.com.pa/ibm-training)

## IBM Commerce Training

### IBM Commerce

- IBM Sterling Connect Direct for Unix V4.2.0 (6C02G)
- IBM Sterling Connect:Direct for Windows Fundamentals (6C03G)
- IBM Sterling Connect:Direct for Windows 4.7 - Secure Plus Configuration by using SSL (6C06G)
- IBM® Sterling B2B Integrator Workshop (6F01G)
- IBM Sterling Call Center and Sterling Store Administration (6T836G)
- IBM Sterling Field Sales - Administer Sterling Field Sales (6T841G)
- IBM Sterling Configurator Visual Modeler Fundamentals (6T853G)
- IBM Sterling Connect:Direct for z/OS v5.2.0 Fundamentals (6C07G)
- IBM Sterling B2B Integrator Advanced Business Process Modelling (6F100G)
- IBM Sterling Order Management (V9.4) Extending the IBM Sterling Store and IBM Call Center for Commerce Applications (6F80G)
- IBM® Sterling File Gateway Managing Sterling File Gateway (6F86G)
- IBM Sterling B2B Integrator Fundamentals (6F87G)
- IBM Sterling B2B Integrator Data Mapping and EDI Processing (X12) v5.2.6.1 (6F88G)
- IBM Sterling B2B Integrator Administration and Tuning v5.2.6.1 (6F89G)
- IBM Global Mailbox v1.0.0.1 (6F90G)
- IBM Sterling Order Management (V9.5) Configuring Participant Modeling, Process Modeling, and User Security (6F91G)
- IBM Sterling Order Management (V9.5) Configuring Item and Pricing (6F92G)
- IBM Sterling Order Management (V9.5) Inventory Management and Order Management Business Rules (6F93G)
- IBM Sterling Order Management (V9.5) Extending the Application (6F94G)
- IBM Sterling Secure Proxy Technical Fundamentals v3.4.2 (6F99G)
- Commerce Composer Customization for IBM WebSphere Commerce V7 Feature Pack 7 (6G01G)
- Commerce Composer Functionality for WebSphere Commerce V 7 for Feature Pack 7 (6G02G)
- IBM WebSphere Commerce v8 - Management Center Customization (6G70G)
- IBM WebSphere Commerce V8 Programming Essentials (6G80G)
- IBM Transformation Extender Fundamentals (6J03G)
- IBM WebSphere Commerce V7 System Administration (6T223G)
- Programming Essentials for IBM WebSphere Commerce V7 Customization (6T225G)
- Advanced Programming Topics for IBM WebSphere Commerce V7 Customization (6T226G)
- IBM WebSphere Commerce V7 Management Center Functionality for Feature Pack 5 (6T231G)

### ExperienceOne

- IBM Building Campaigns 9x (9U01G)
- IBM Building Interactive Campaigns (9U04G)
- IBM Campaign 9.x Administration (9U05G)
- IBM Marketing Operations 9.x: Marketing Contributor (9U11G)
- IBM Marketing Operations Project Manager (9U12G)
- IBM Marketing Operations Administration (9U13G)
- IBM Campaign Advanced Techniques 9.x (9U21G)
- IBM Campaign 9.x Architecture and Installation (9U23G)
- IBM Interact Building Interactive Campaigns 9.1.x (9U29G)
- IBM Interact 9.1.x Advanced Topics (9U30G)
- Working with IBM® Opportunity Detect 9.1.x (9U31G)

More information: [www.flane.com.pa/ibm-training](http://www.flane.com.pa/ibm-training)

### WebSphere

- Commerce Composer Customization for IBM WebSphere Commerce V7 Feature Pack 7 (6G01G)
- Commerce Composer Functionality for WebSphere Commerce V 7 for Feature Pack 7 (6G02G)
- IBM WebSphere Commerce V7 System Administration (6T223G)
- Programming Essentials for IBM WebSphere Commerce V7 Customization (6T225G)
- Advanced Programming Topics for IBM WebSphere Commerce V7 Customization (6T226G)
- IBM WebSphere Commerce V7 Management Center Functionality for Feature Pack 5 (6T231G)
- Developing Applications with IBM Forms Experience Builder (WP860G)
- Developing websites using IBM Web Content Manager 8 (WPL43G)
- Administering IBM Web Content Manager 8.0 (WPL44G)
- Advanced IBM Web Content Manager 8.0 concepts (WPL45G)
- Developing Websites Using IBM Web Content Manager 8.5 (WPL47G)
- Build IBM WebSphere Portal 8.5 Applications using Rational Application Developer (WPL55G)
- Developing Multichannel Applications with IBM Web Experience Factory 8.5 (WPL56G)
- Installation and Administration of IBM WebSphere Portal 8 on Windows (WPL83G)
- Installation and Administration of IBM WebSphere Portal 8.5 on Windows (WPL85G)
- Installation and Administration of IBM WebSphere Portal 8.0 on Linux (WPL93G)
- Installation and Administration of IBM WebSphere Portal 8.5 on Linux (WPL95G)
- IBM Forms 8 Workshop (WPW20G)
- IBM WebSphere Commerce v8 - Management Center Customization (6G70G)
- IBM WebSphere Commerce V8 Programming Essentials (6G80G)
- IBM Transformation Extender Fundamentals (6J03G)
- Advanced IBM Web Content Manager 8.5 (WP490G)



# IBM Watson Healthcare Training

## Cloud & Smarter Infrastructure

- IBM TRIRIGA 10.3 Operations and Maintenance (TA511G)
- IBM TRIRIGA 10.3 Capital Projects (TA521G)
- IBM TRIRIGA Leased and Owned Property Contract Management 10.3 (TA531G)
- IBM TRIRIGA 10.3: Real Estate - Transaction Management (TA541G)
- IBM TRIRIGA Facilities - Space Management 10.3 (TA561G)

More information: [www.flane.com.pa/ibm-training](http://www.flane.com.pa/ibm-training)

## Rational

- IBM Rational DOORS Practitioner, V9.4 (QN114G)
- Customizing DOORS Using DXL V9.3 (QN118G)
- IBM Rational DOORS Foundation, V9.4 (QN164G)
- Developing Software with IBM Rational Team Concert V5.0.2 (RS843G)
- Test Management with IBM Rational Quality Manager, V4.0 (RT273G)
- Testing with IBM Rational Quality Manager V4 (RT283G)
- Configuring Projects in IBM Rational Team Concert V4.0 (RS727G)
- Developing Software with IBM Rational Team Concert V4.0 (RS842G)
- Jazz Team Server V6 Administration (WS605G)

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## Smarter Cities

- IBM Cúram Express Rules for Business Analysts 6.0.5 (9D48G)
- IBM Cúram Workflow for Developers 6.0.5 (9D52G)
- IBM Cúram Social Program Management (SPM) 6.x Technical Overview (9D63G)
- Fundamentals of the IBM Cúram SPM Platform for Business Analysts 7X (9D72G)
- IBM Cúram SPM for Developers (ADE) 7X (9D73G)
- IBM Cúram SPM for Developers (Customization) 7X (9D74G)
- Fundamentals of IBM Cúram SPM Platform for Developers 6.0.5 (9D44G)
- Fundamentals of the IBM Cúram SPM Platform for Business Analysts 6.0.5 (9D47G)
- Fundamentals of IBM Cúram Express Rules for Developers 6.0.5 (9D51G)



## IBM SPVC Training

### SPVC

- IBM OpenPages: Report Authoring (V7.0) SPVC (1O252G)
- IBM Cognos ICM: Fundamentals of Configuration (V8.0) SPVC (1R070G)
- IBM Cognos ICM: Advanced Configuration (V8.0) SPVC (1R071G)
- IBM Cognos ICM: Build Reports (V8.0) SPVC (1R073G)
- IBM Cognos ICM: Building the Model (V8.1) SPVC (1R081G)
- IBM Cognos ICM: Building Reports (V8.1) SPVC (1R083G)
- IBM Cognos ICM: Building Reports (v.9.0) SPVC (1R173G)
- SQL Workshop - SPVC (2E121G)
- DB2 SQL for Experienced Users - SPVC (2E131G)
- Federation Server Essentials - SPVC (2I900G)
- DB2 10.5 Administration Workshop for Linux SPVC (2L205G)
- DB2 10.5 Administration Workshop for Windows V12.0 - SPVC (2L235G)
- Quick Basics of DB2 10.5 Administration for Windows - SPVC (2L285G)
- DB2 for LUW Performance Tuning and Monitoring Workshop - SPVC (2L413G)
- Implementation and Use of DB2 BLU Acceleration - SPVC (2L450G)
- DB2 10.5 for LUW Advanced Database Administration with DB2 BLU Acceleration-SPVC (2L463G)
- DB2 10.1 for LUW Quickstart for Experienced Relational DBAs -SPVC (2L484G)
- DB2 10 for LUW Quickstart for Experienced Relational DBAs - SPVC (2L485G)
- DB2 10 for LUW Advanced Database Recovery - SPVC (2L493G)
- IBM InfoSphere DataStage Essentials (v11.5) - SPVC (2M204G)
- IBM InfoSphere Quality Stage Essentials V11.5 - SPVC (2M213G)
- Data Click V10 for Big Insights - SPVC (2M230G)
- IBM InfoSphere Advanced DataStage - Parallel Framework v11.5 SPVC (2M404G)
- IBM InfoSphere DataStage v11.5 - Advanced Data Processing SPVC (2M423G)
- IBM InfoSphere Information Server Administration V9.1 (SPVC) (2M502G)
- IBM InfoSphere Information Server Administrative Tasks V11.5 - SPVC (2M510G)
- IBM InfoSphere DataStage engine Administration for Information Server v11.5 - SPVC (2M520G)
- IBM InfoSphere Information Governance Catalog v11.5 - Building the Governance Catalog - SPVC (2M614G)
- IBM InfoSphere IGC 1 - Understanding Your Information Assets V11.3 - SPVC (2M623G)
- IBM InfoSphere Information Governance Catalog v11.5 - Understanding Your Information Assets - SPVC (2M624G)
- IBM InfoSphere FastTrack Essentials V9.1 - SPVC (2M632G)
- IBM InfoSphere Information Analysis V9.1 (SPVC) (2M802G)
- IBM Information Analyzer Essentials v 11.5 - SPVC (2M803G)
- Using IBM InfoSphere Optim Solutions for Distributed Platforms - SPVC (2T225G)
- InfoSphere Data Explorer Administrator Training - SPVC (2W220G)
- IBM BigInsights Overview (v4.0) - SPVC (2W601G)
- IBM Open Platform with Apache Hadoop (BigInsights V4.0) - SPVC (2W606G)
- InfoSphere BigInsights Foundation - SPVC (2W612G)
- IBM BigInsights Foundation - SPVC (2W613G)
- IBM BigInsights Big SQL - SPVC (2W631G)
- IBM BigInsights Big SQL - SPVC (2W632G)
- IBM BigInsights Big SQL - SPVC (2W633G)
- BigInsights Analytics for Business Analysts - SPVC (2W642G)
- BigInsights Analytics for Business Analysts - SPVC (2W643G)
- IBM BigInsights BigSheets - SPVC (2W644G)
- BigInsights Analytics for Programmers - SPVC (2W653G)
- IBM BigInsights Text Analytics (V4) - SPVC (2W654G)
- Programming for IBM InfoSphere Streams V4 with SPL - SPVC (2W724G)
- Administration of IBM Streams V4 - SPVC (2W732G)
- Developing Applications Using Informix 4GL - SPVC (2X101G)
- Informix Structured Query Language - SPVC (2X131G)
- Developing Applications Using IBM Informix ESQL/C (SPVC) (2X150G)
- Informix 11.7 Database Administration (SPVC) (2X222G)
- Fast Path to Informix for Experienced Relational Database Administrators (SPVC) (2X480G)
- IBM Informix Stored Procedures and Triggers - SPVC (2X711G)
- Informix 11.7 System Administration - SPVC (2X812G)
- Using InfoSphere MDM Collaborative Edition V10.1 - SPVC (2Z520G)
- Programming with InfoSphere MDM Collaborative Edition - SPVC (2Z540G)
- InfoSphere MDM Reference Data Management V10 - SPVC (2Z670G)
- InfoSphere Virtual MDM Architecture V11.4 - SPVC (2Z720G)
- InfoSphere MDM Algorithms V11 - SPVC (2Z780G)
- InfoSphere MDM Architecture V11 - SPVC (2Z820G)
- InfoSphere MDM Workbench V11 - SPVC (2Z840G)
- InfoSphere BigMatch for Hadoop v11.4 - SPVC (2Z850G)
- InfoSphere MDM Application Toolkit V11.3 - SPVC (2Z870G)
- Virtual Module Algorithms for InfoSphere MDM V11 - SPVC (2Z880G)
- InfoSphere MDM Physical Domains V11.4 - SPVC (2Z930G)
- Physical Module Algorithms for InfoSphere MDM V11 - SPVC (2Z981G)
- Commerce Composer Customization for IBM WebSphere Commerce V7 Feature Pack 7 (6G01G)
- Commerce Composer Functionality for WebSphere Commerce V 7 for Feature Pack 7 (6G02G)
- IBM WebSphere Commerce V7 Foundation (SPVC) (6S221G)
- IBM XML Essentials (SPVC) (6S405G)
- IBM Sterling B2B Integrator Advanced Business Process Modeling (SPVC) (6S632G)
- IBM Cúram Express Rules for Business Analysts 6.0.5 (9D48G)
- IBM Cúram Workflow for Developers 6.0.5 (9D52G)
- IBM Cúram SPM Platform Development Environment 6.0.5: Expert Arena (9D53G)
- IBM Cúram Universal Access for Developers 6.x (9D54G)
- IBM Cúram Outcome Management for Business Analysts 6.x (9D65G)
- IBM Building Campaigns 9x (9U01G)
- IBM Building Interactive Campaigns (9U04G)
- IBM Campaign 9.x Administration (9U05G)

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# IBM SPVC Training

More information: [www.flane.com.pa/ibm-training](http://www.flane.com.pa/ibm-training)

## SPVC

- IBM Marketing Operations 9.x: Marketing Contributor (9U11G)
- IBM Marketing Operations Project Manager (9U12G)
- IBM Marketing Operations Administration (9U13G)
- IBM Campaign 9.x Architecture and Installation (9U23G)
- Omni-Channel Marketing Expert Arena (9U26G)
- IBM Lotus Domino 8.5.x Help Desk Troubleshooting (SPVC) (D8P36G)
- Fundamentals of IBM Lotus Domino 8.5.1 Application Development (SPVC) (D8P51G)
- Developing IBM Lotus Domino 8.5.2 Applications: Intermediate XPage Design (SPVC) (D8P53G)
- Developing IBM® Lotus® Domino® 8.5.2 Applications: Advanced XPage Design (SPVC) (D8P54G)
- Modernizing IBM Lotus Domino 8.5.2 Applications (D8P56G)
- IBM FileNet Content Manager 5.2: Implementation and Administration (F115G)
- IBM FileNet CM 5.0: Java API Programming (F143G)
- IBM Enterprise Records 5.1: Core Skills (SPVC) (F178G)
- IBM Enterprise Records 5.1: System Configuration (F179G)
- IBM Enterprise Records 5.1: System Maintenance (SPVC) (F180G)
- IBM Enterprise Records 5.1: File Plan Design (SPVC) (F181G)
- IBM Case Manager 5.2: Integrated Rules (F214G)
- IBM Case Manager 5.2: Introduction to Case Manager (F215G)
- IBM Case Manager 5.2: Security (F216G)
- IBM Case Manager 5.2: Customize and Extend the Features (F217G)
- IBM Case Manager 5.2: Integrating Case Analytic tools (F218G)
- IBM Datacap 9.0: Introduction (F220G)
- IBM Datacap 9.0 Application Builder with FastDoc (F221G)
- IBM Datacap 9.0: Application Builder with FastDoc and Datacap Studio (F222G)
- IBM Datacap 9.0 Configuration (F224G)
- IBM Datacap 9.0 Administration (F225G)
- IBM StoredIQ 7.6: Core Skills (F226G)
- IBM Case Foundation 5.2.1: Introduction (F230G)
- IBM Case Foundation 5.2.1: Configure the workflow system (F231G)
- IBM Case Foundation 5.2.1: Security (F232G)
- IBM Case Foundation 5.2.1: Maintain the Workflow System (F233G)
- IBM Case Foundation 5.2.1: Manage Work in Progress (F234G)
- IBM Case Foundation 5.2.1 - Component integration (F236G)
- IBM Case Foundation 5.2.1: Workflow application deployment (F237G)
- IBM Content Manager System Administration 8.4 (SPVC) (IM52G)
- IBM Cognos Planning Analyst: Build Models (V10.1) SPVC (J1101G)
- IBM Cognos Planning Contributor: Develop Applications (V10.1) SPVC (J1105G)
- IBM Cognos Planning: Administer the Technical Environment (V10.1) SPVC (J1107G)
- IBM Cognos Controller: Develop Application (v10.2) SPVC (J1221G)
- IBM Cognos Controller: Author Reports (v10.2) SPVC (J1222G)
- IBM Cognos TM1: Design and Develop Models (V10.2) SPVC (J1252G)
- IBM Cognos TM1: Administer the Technical Environment (V10.2) SPVC (J1255G)
- IBM Cognos TM1: Analyze and Share Data (V10.2) SPVC (J1257G)
- IBM Cognos TM1: Whats New (V10.2) SPVC (J1258G)
- IBM Cognos TM1: Create Scorecards (V10.2) SPVC (J1259G)
- IBM Cognos TM1: Design and Develop Models in Architect (V10.2) SPVC (J1261G)
- IBM Cognos Report Studio: Author Professional Reports Advanced (V10.2) SPVC (J2259G)
- IBM Cognos Data Manager: Build Data Marts with Enterprise Data (V10.2) SPVC (J2280G)
- Essentials for IBM Cognos BI: Supplement for Metadata Modelers (V10.2.2) SPVC (J2A05G)
- Overview of IBM Cognos BI (V10.2.2) SPVC (J2A08G)
- IBM Cognos BI Administration: Architecture and Logging (V10.2.2) SPVC (J2A19G)
- IBM Cognos Framework Manager: Design Metadata Models (V10.2.2) SPVC (J2A52G)
- IBM Cognos BI Administration (V10.2.2) SPVC (J2A55G)
- IBM Cognos Report Studio: Authoring Professional Reports Fundamentals (V10.2.2) (J2A58G)
- IBM Cognos Report Studio: Author Professional Reports Advanced (V10.2.2) SPVC (J2A59G)
- IBM Cognos Report Studio: Author Reports with Multidimensional Data (V10.2.2) SPVC (J2A61G)
- IBM Cognos Cube Designer: Design Dynamic Cubes (V10.2.2) SPVC (J2A63G)
- IBM Cognos Workspace Advanced: Author Self-Service Reports (V10.2.2) SPVC (J2A81G)
- IBM Cognos Transformer: Design OLAP Models (v10.2.2) SPVC (J2A82G)
- IBM Cognos Report Studio: Author Active Reports (V10.2.2) SPVC (J2A98G)
- Overview of IBM Cognos Analytics (v11.0) SPVC (J4008G)
- IBM Cognos Analytics - Enterprise Administration (v11.0) SPVC (J4055G)
- IBM Cognos Analytics - Author Reports Fundamentals (v11.0) SPVC (J4058G)
- IBM Cognos Analytics - Author Reports Advanced (v11.0) SPVC (J4059G)
- IBM Cognos Analytics - Author Reports with Multidimensional Data (V11.0) SPVC (J4061G)
- IBM Cognos Cube Designer - Design Dynamic Cubes (v11.0) SPVC (J4063G)
- IBM Cognos Analytics - Author Active Reports (v11.0) SPVC (J4098G)
- Application Performance Management 8.1.1 - APM and Application Diagnostics Fundamentals (SPVC) (TOD31G)
- IBM Netcool Operations Insight 1.3 - Fundamentals (SPVC) (TOD34G)
- IBM Operations Analytics Log Analysis 1.3.2 - Differences (SPVC) (TOD35G)
- Application Performance Management 8.1.1 Implementation and Administration (SPVC) (TOD36G)
- IBM Maximo Asset Management Scheduler 7.5.1 (SPVC) (TOS36G)
- IBM SmartCloud Control Desk 7.5 IT Asset Management Fundamentals (SPVC) (TOS38G)
- IBM Tivoli Monitoring 6.3.1 Agent Builder (SPVC) (TOS40G)
- IBM Maximo Asset Management 7.5 Fundamentals (SPVC) (TOS43G)
- IBM Tivoli Monitoring 6.3 Fundamentals (SPVC) (TOS57G)
- IBM Tivoli Monitoring 6.3 for Implementers (SPVC) (TOS59G)
- IBM Tivoli Monitoring 6.3 Advanced Administration (SPVC) (TOS63G)

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## IBM SPVC Training

### SPVC

- IBM Maximo Health, Safety and Environment 7.5.1 (SPVC) (TOS66G)
- IBM SmartCloud Control Desk 7.5.1 Service Request Management Fundamentals (SPVC) (TOS68G)
- Developing Applications with IBM Forms Experience Builder (WP860G)
- WebSphere Application Server V8.5 Scripting and Automation (Self Paced Virtual Class) (ZA680G)
- WebSphere Application Server V8.5.5 Administration (Self-paced) (ZA855G)
- IBM Blueworks Live Account Administration (SPVC) (ZB030G)
- Process Discovery and Modeling in IBM Blueworks Live (ZB031G)
- Developing Rule Solutions in IBM Operational Decision Manager V8.5 (Self-paced) (ZB383G)
- Managing Decisions in IBM Operational Decision Manager V8.5 (ZB386G)
- Administering IBM Operational Decision Manager V8.5 - SPVC (ZB389G)
- Developing Rule Solutions in IBM Operational Decision Manager V8.6 (ZB390G)
- Managing Decisions in IBM Operational Decision Manager V8.6 (ZB391G)
- Developing Rule Solutions in IBM Operational Decision Manager V8.7 (ZB392G)
- Administering IBM Operational Decision Manager V8.7.1 (ZB393G)
- Developing Solutions with IBM Decision Server Insights V8.7 (ZB394G)
- Developing Rule Solutions in IBM Operational Decision Manager V8.8 (ZB395G)
- Managing Decisions in IBM Operational Decision Manager V8.7.1 (ZB396G)
- Developing Solutions with IBM Decision Server Insights V8.7.1 (ZB398G)
- Developing Applications for IBM WebSphere Enterprise Service Bus V7 (Self-paced) (ZB713G)
- WebSphere Enterprise Service Bus V7.0 Administration (Self-paced) (ZB723G)
- Developing Applications for IBM WebSphere Enterprise Service Bus V7.5 (SPVC) (ZB753G)
- Process Modeling with IBM Business Process Manager Standard V8.5 (SPVC) (ZB807G)
- Process Implementing with IBM Business Process Manager Standard V8.5 - II - SPVC (ZB809G)
- Administration of IBM Business Process Manager Standard V8.5 (SPVC) (ZB812G)
- Process Modeling with IBM Business Process Manager Standard V8.5.5 (ZB813G)
- Process Implementing with IBM Business Process Manager Standard V8.5.5 - I -SPVC (ZB814G)
- Process Implementing with IBM Business Process Manager Standard V8.5.5 - II (ZB815G)
- Process Modeling with IBM Business Process Manager Standard-Adv V8.5.6 (ZB818G)
- Process Implementing with IBM Business Process Manager Standard/Adv V8.5.6 - I (ZB819G)
- Process Implementing with IBM Business Process Manager Standard/Adv V8.5.6 - II (ZB820G)
- Developing Applications in IBM Business Process Manager Advanced V8.5 - I (SPVC) (ZB855G)
- Developing Applications in IBM Business Process Manager Advanced V8.5.5 - I (ZB857G)
- Developing Applications in IBM Business Process Manager Advanced V8.5.5 - II (ZB858G)
- Administration of IBM Business Process Manager Advanced V8.5 (SPVC) (ZB867G)
- IBM Business Process Manager V8.5 Performance and Tuning (ZB868G)
- IBM Business Process Manager V8.5 Problem Determination - SPVC (ZB869G)
- Administration of IBM Business Process Manager Advanced V8.5.5 (ZB870G)
- Developing Applications with IBM Business Monitor V8.5.5 (ZB895G)
- Accelerate, Secure and Integrate with IBM DataPower V7.1 (ZE711G)
- IBM MQ V8 System Administration (Using Windows for Labs) - SPVC (ZM207G)
- IBM MQ V8 Advanced System Administration (Distributed) - SPVC (ZM212G)
- IBM Integration Bus V10 System Administration (ZM646G)
- IBM Integration Bus V9 Application Development I (SPVC) (ZM665G)
- IBM Integration Bus V10 Application Development I (ZM666G)
- IBM Integration Bus V9 Application Development II (SPVC) (ZM675G)
- Agile Planning and Tracking with IBM CLM V6 (ZS600G)
- Introduction to IBM SPSS Modeler and Data Mining (v18) SPVC (OE007G)
- Advanced Predictive Modeling Using IBM SPSS Modeler (v18) SPVC (OE037G)
- Clustering and Association Modeling Using IBM SPSS Modeler (v18) SPVC (OE047G)
- Advanced Data Preparation Using IBM SPSS Modeler (v18) SPVC (OE057G)
- Predictive Modeling for Categorical Targets Using IBM SPSS Modeler (v18) SPVC (OE0U7G)
- Predictive Modeling for Continuous Targets Using IBM SPSS Modeler (v18) SPVC (OE0V7G)
- Introduction to IBM SPSS Text Analytics (v18) SPVC (OE107G)
- Introduction to IBM SPSS Collaboration and Deployment Services (v8) SPVC (0W006G)
- IBM Sterling B2B Integrator Fundamentals (6F87G)
- IBM Sterling B2B Integrator Data Mapping and EDI Processing (X12) v5.2.6.1 (6F88G)
- IBM Sterling B2B Integrator Administration and Tuning v5.2.6.1 (6F89G)
- IBM Sterling Secure Proxy Technical Fundamentals v3.4.2 (6F99G)
- IBM Cúram Express Rules for Developers (ADE) 6.0.5 (SPVC) (9D60G)
- IBM Cúram Social Program Management (SPM) 6.x Technical Overview (9D63G)
- IBM Content Navigator 2.0.2 - Administration (F121G)
- IBM Content Navigator 2.0.2 - Plug-ins and External Data Services (F122G)
- IBM Case Manager 5.2: Migrating and Deploying Solutions (F213G)
- IBM Cloud Object Storage - Implementation and Administration

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# IBM SPVC Training

## SPVC

(GST11DG)

- Network Performance Insight 1.1 - Fundamentals (SPVC) (TOD37G)
- IBM Workload Scheduler 9.3 - Differences (TOD38G)
- Network Performance Insight 1.4 - Fundamentals (TOD42G)
- IBM Netcool Operations Insight 1.4 - Fundamentals (TOD43G)
- IBM Tivoli Netcool Configuration Manager 6.4.2 Operations and Configuration (TOD44G)
- IBM Application Performance Management Advanced 8.1.3 Fundamentals (SPVC) (TOD45G)
- IBM Monitoring 8.1.3 - Implementation and Administration (SPVC) (TOD46G)
- IBM Spectrum Protect 7.1.4 Implementation and Administration (TS615DG)
- WebSphere Application Server V9 Administration (ZA590G)
- Introduction to IBM Operational Decision Manager for Rule Authors (ZB036G)
- Developing Solutions with IBM Decision Server Insights V8.8 (ZB399G)
- Process Implementing with IBM Business Process Manager Standard V8.5 - I (SPVC) (ZB808G)
- Administration of IBM Business Process Manager Standard V8.5.6 (ZB821G)
- Process Modeling with IBM Business Process Manager Standard V8.5.7 (ZB822G)
- Process Implementing with IBM Business Process Manager Standard V8.5.7 - I (ZB823G)
- Process Implementing with IBM Business Process Manager Standard V8.5.7 - II (ZB824G)
- Developing Applications in IBM Business Process Manager Advanced V8.5.6 - I (ZB859G)
- Developing Applications in IBM Business Process Manager Advanced V8.5.7 - I (ZB860G)
- Essentials of Service Development for IBM DataPower Gateway V7.5 (ZE751G)
- Supporting REST and JOSE in IBM DataPower Gateway V7.5 (ZE752G)
- Technical Introduction to IBM MQ (ZM103G)
- IBM Integration Bus V10 Application Development II (ZM676G)
- Administering WebSphere Application Server Liberty Profile V9 (ZX190G)
- Introduction to IBM SPSS Modeler and Data Science (v18.1.1) SPVC (OE008G)
- Data Science without a Ph.D. Using IBM SPSS Modeler (v18.1.1) SPVC (OE018G)
- Introduction to Time Series Analysis Using IBM SPSS Modeler (v18.1.1) SPVC (OE028G)
- Advanced Predictive Modeling Using IBM SPSS Modeler (v18.1.1) SPVC (OE038G)
- Clustering and Association Modeling Using IBM SPSS Modeler (v18.1) SPVC (OE048G)
- Advanced Data Preparation Using IBM SPSS Modeler (v18.1.1) SPVC (OE058G)
- Predictive Modeling for Categorical Targets Using IBM SPSS Modeler (v18.1) SPVC (OE0U8G)
- Predictive Modeling for Continuous Targets Using IBM SPSS Modeler (v18.1.1) SPVC (OE0V8G)
- Introduction to IBM SPSS Modeler Text Analytics (v18.1.1) SPVC

(OE108G)

- Introduction to IBM SPSS Statistics (v24) SPVC (OK505G)
- Introduction to Statistical Analysis Using IBM SPSS Statistics (v24) SPVC (OK515G)
- Data Management and Manipulation Using IBM SPSS Statistics (v24) SPVC (OK525G)
- Introduction to Analytical Decision Management (v18) SPVC (OW114G)
- IBM Cognos ICM: Building the Model (V9.0) SPVC (1R170G)
- IBM Cognos ICM: Building the Model (v10) SPVC (1R271G)
- IBM ICM: Building Reports (v10) SPVC (1R273G)
- Db2 11.1 Administration Workshop for Linux - SPVC (2L207G)
- DB2 10.5 for LUW Multiple Partition DBA Workshop - SPVC (2L241G)
- Db2 11.1 Quickstart for Experienced Relational DBAs SPVC (2L487G)
- Db2 11.1 HADR Workshop SPVC (2L810G)
- IBM InfoSphere Advanced QualityStage V11.5 SPVC (2M413G)
- IBM Stewardship Center for Information Server v11.5 SPVC (2M618G)
- IBM InfoSphere Information Governance Catalog v11.5.0.2: Understanding Your Information Assets - SPVC (2M625G)
- IBM BigIntegrate for Data Engineers v11.5.0.2 SPVC (2M700G)
- IBM PureData System for Analytics Administration - SPVC (2W575G)
- IBM PureData System for Analytics Programming and Usage SPVC (2W585G)
- IBM Big SQL for Developers (v5.0) SPVC (2W634G)
- IBM Big SQL for Administrators (v5.0) SPVC (2W664G)
- Informix 12.10 Database Administration SPVC (2X223G)
- Informix 12.10 System Administration SPVC (2X813G)
- IBM Sterling B2B Integrator Advanced Business Process Modelling (6F100G)
- IBM Sterling Configure, Price, Quote 9.5 Sterling Configurator Visual Modeler Fundamentals (6F103G)
- IBM Sterling Configure, Price, Quote (V9.5) Configuring Item and Pricing (6F104G)
- IBM® Sterling File Gateway Managing Sterling File Gateway (6F86G)
- IBM Sterling Order Management (V9.5) Configuring Participant Modeling, Process Modeling, and User Security (6F91G)
- IBM Sterling Order Management (V9.5) Configuring Item and Pricing (6F92G)
- IBM Sterling Order Management (V9.5) Inventory Management and Order Management Business Rules (6F93G)
- IBM Sterling Order Management (V9.5) Extending the Application (6F94G)
- Commerce Composer Customization for IBM WebSphere Commerce V8 (6G81G)
- Customizing WebSphere Commerce Search (Self-Paced Virtual Course) (6G82G)
- Introduction to IBM Management Center for WebSphere Commerce (6G83G)
- Advanced Web Services Customization in IBM WebSphere Commerce (Self-Paced Virtual Course) (6G85G)
- IBM Transformation Extender Fundamentals (6J04G)
- IBM Partner Engagement Manager Advanced for Sponsor Administrator (6K04G)
- IBM B2B Advanced Communications v 1.0.0.4 (6M01G)
- Fundamentals of the IBM Cúram SPM Platform for Business Analysts

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## IBM SPVC Training



### SPVC

#### 6.0.5 (9D47G)

- Fundamentals of IBM Cúram SPM Platform for Developers (ADE) 6.0.5 (SPVC) (9D49G)
- Fundamentals of the IBM Cúram SPM Platform for Developers (Customization) 6.0.5 (SPVC) (9D50G)
- IBM Cúram Intelligent Evidence Gathering for Developers 6.x (9D55G)
- IBM Cúram SPM Platform Runtime Environment 6.0.5 - Expert Arena (9D56G)
- IBM Cúram Express Rules for Developers (Application Integration) 6.0.5 (SPVC) (9D61G)
- IBM Cúram SPM 6.1 Integrating Cúram REST APIs (9D68G)
- Fundamentals of the IBM Cúram SPM Platform for Business Analysts 7X (9D72G)
- IBM Cúram SPM for Developers (ADE) 7X (9D73G)
- IBM Cúram SPM for Developers (Customization) 7X (9D74G)
- IBM Cúram SPM Development Environment 7X: Expert Arena (9D77G)
- Watson Customer Engagement Expert Arena (SPVC) (9U36G)
- AIX Basics (AN10DG)
- IBM Case Foundation 5.2.1: Control Workflow Progress (F241G)
- IBM Case Foundation 5.2.1: External Communication (F243G)
- IBM Datacap 9.0.1 - Introduction (F251G)
- IBM Datacap 9.0.1: FastDoc Local Mode (F252G)
- IBM Datacap 9.0.1: FastDoc Server Mode (F253G)
- IBM Datacap 9.0.1 FastDoc Multi-Page Document (F254G)
- IBM Datacap 9.0.1: Datacap Studio (F255G)

- IBM Datacap 9.0.1 - Datacap Configuration (F256G)
- IBM Datacap 9.0.1 - Datacap Navigator Configuration (F257G)
- IBM Datacap 9.0.1 - Administration (F258G)
- IBM Content Navigator 2.0.3.6 - Introduction (F270G)
- IBMContent Navigator 2.0.3.6 - Configuration (F271G)
- IBM Content Navigator 2.0.3.6 - Sync (F273G)
- IBM Content Navigator 2.0.3.6 - Entry Templates (F274G)
- IBM Content Navigator 2.0.3.6 - Customize a Desktop (F275G)
- FileNet Content Manager 5.2.1 - Introduction (F280G)
- FileNet Content Manager 5.2.1 - Build a FileNet Content Repository (F281G)
- IBM FileNet Content Manager 5.2.1 - Security (F283G)
- IBM FileNet Content Manager 5.2.1 - Migrate Applications (F285G)
- IBM FileNet Content Manager 5.2.1: Manage Sweep Jobs (F286G)
- IBM FileNet Content Manager 5.2.1: Auditing and Logging (F287G)
- IBM Algorithmics Introduction to Algo Credit Manager (v5.3) SPVC (G3064G)
- Introduction to Spectrum Scale Administration and Configuration for Linux (H004DG)
- IBM BigFix Platform Foundations - Japanese (IS720JG)
- IBM Planning Analytics: Design and Develop Models in Performance Modeler (v2.0) SPVC (J1352G)
- IBM Planning Analytics: Design and Develop Models in Architect (v2.0) SPVC (J1361G)

## IBM WBT Training

### WBT

- DB2 Family Fundamentals (WBT) (1E031G)
- SQL Workshop (WBT) (1E121G)
- Federation Server Essentials - Web Based (1I900G)
- DB2 10 Administration Workshop for Linux and Windows - WBT (1L2X3G)
- DB2 10.5 for LUW New Features and Database Migration Considerations - WBT (1L314G)
- Implementation and Use of DB2 BLU Acceleration - WBT (1L450G)
- DB2 10.5 for LUW Advanced Database Administration with DB2 BLU Acceleration - WBT (1L463G)
- DB2 10.1 for Linux, UNIX, and Windows Quickstart for Experienced Relational DBAs - WBT (1L484G)
- DB2 10 for LUW Advanced Database Recovery - WBT (1L493G)
- Data Replication Essentials - WBT (1M001G)
- IBM InfoSphere DataStage Essentials V11.3 - WBT (1M203G)
- Data Click v10 for BigInsights - WBT (1M230G)
- IBM InfoSphere Advanced QualityStage V9.1 - WBT (1M412G)
- IBM InfoSphere Advanced DataStage - Advanced Data Processing v9.1 - WBT (1M422G)
- IBM InfoSphere Information Server Administration 9.1 (WBT) (1M502G)
- IBM InfoSphere IGC 1 - Understanding Your Information Assets V11.3 - WBT (1M623G)
- IBM InfoSphere FastTrack Essentials V9.1 - WBT (1M632G)
- IBM InfoSphere Information Analysis 9.1 (WBT) (1M802G)
- IBM OpenPages: Common Business Processes (v7.0) eLearning (1O280G)
- IBM OpenPages: ORM Business Processes (v7.0) eLearning (1O282G)
- IBM OpenPages: Policy Management (v7.1) eLearning (1O283G)
- IBM OpenPages: Compliance Management (v7.1) eLearning (1O284G)
- IBM OpenPages - Internal Audit Management (v7.1) eLearning (1O285G)
- IBM Cognos ICM: Use the Admin Client (v8.0) - eLearning (1R095G)
- IBM Cognos ICM: System Administration (v8.0) - eLearning (1R097G)
- IBM Cognos ICM: Introduction to Discovery (V8.0) - eLearning (1R099G)
- IBM Cognos ICM: Use the Admin Client (v8.08.1) - Japanese eLearning (1R0J5G)
- IBM Cognos ICM: System Administrator (v8.08.1) -Japanese eLearning (1R0J7G)
- IBM Cognos ICM: Introduction to Discovery (V1.0) eLearning - Japanese (1R0J9G)
- Using IBM InfoSphere Optim Solutions for Distributed Platforms - WBT (1T225G)
- InfoSphere Optim Data Growth for Archiving on z/OS - WBT (1T802G)
- InfoSphere Optim Test Data Management and Data Masking on z/OS - WBT (1T812G)
- DB2 11 for z/OS Application Programming Workshop - WBT (1V722G)
- IBM PureData System for Analytics Programming and Usage - WBT (1W585G)
- InfoSphere BigInsights Foundation - WBT (1W612G)

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# IBM WBT Training

## WBT

- IBM BigInsights Big SQL - WBT (1W632G)
- BigInsights Analytics for Business Analysts - WBT (1W642G)
- BigInsights Analytics for Business Analysts - WBT (1W643G)
- BigInsights Analytics for Programmers - WBT (1W653G)
- Informix Structured Query Language (Web) (1X131G)
- Informix 11.70 New Features (Web) (1X302G)
- IBM Informix Stored Procedures and Triggers - (Web) (1X711G)
- Using Inspector v9.x - Web Based (1Z031G)
- Using InfoSphere MDM Collaborative Edition v10.1 - WBT (1Z520G)
- Programming with InfoSphere MDM Collaborative Edition - WBT (1Z540G)
- InfoSphere MDM Reference Data Management V10 (WBT) (1Z670G)
- InfoSphere MDM Algorithms V11 - WBT (1Z780G)
- Introduction to InfoSphere Master Data Management V11.3 - WBT (1Z801G)
- InfoSphere MDM Architecture v11 - WBT (1Z820G)
- InfoSphere MDM Workbench v11 - WBT (1Z840G)
- InfoSphere MDM Application Toolkit V11.3 - WBT (1Z870G)
- Virtual Module Algorithms for InfoSphere MDM V11 - WBT (1Z880G)
- IBM Control Center Overview (6B01G)
- IBM Control Center for Control Center Administrators (6B02G)
- IBM Control Center for Sterling B2B Integrator Administrators (6B03G)
- IBM Control Center for Connect:Direct Administrators (6B04G)
- IBM Control Center for Sterling File Gateway Administrators (6B06G)
- IBM Emptoris Contract Management-Security Model (V10.0.1) (6D115G)
- IBM SSFF Introduction to Sterling Order Management (6F19G)
- IBM SSFF Introduction to Applications Manager (6F20G)
- IBM SSFF Overview of Participants and Roles (6F21G)
- IBM Sterling Selling and Fulfillment Foundation Overview of Users and Teams (6F22G)
- IBM Sterling Selling and Fulfillment Foundation Item and Pricing Basics (6F23G)
- IBM Sterling Selling and Fulfillment Foundation Business Center Overview (6F24G)
- IBM Sterling Selling and Fulfillment Foundation Managing Catalog Administration (6F25G)
- IBM Sterling Selling and Fulfillment Foundation Setting up Customer Definitions (6F26G)
- IBM Sterling Selling and Fulfillment Foundation Performing Item Configuration (6F27G)
- IBM Sterling Selling and Fulfillment Foundation Managing Item Attributes (6F28G)
- IBM SSFF Performing Services and Fulfillment Configuration (6F29G)
- IBM SSFS Performing Services and Fulfillment Price Lists Overview (6F30G)
- IBM Sterling Selling and Fulfillment Foundation Managing Price Lists (6F31G)
- IBM Sterling Selling and Fulfillment Foundation Managing Pricing Rules (6F32G)
- IBM Sterling Selling and Fulfillment Foundation Using Coupons (6F33G)
- IBM Sterling Selling and Fulfillment Foundation Validation and Override Rules (6F34G)
- IBM Sterling Selling and Fulfillment Foundation Basics of Inventory Management (6F35G)
- IBM Sterling Selling and Fulfillment Foundation Process Modeling Basics (6F36G)
- IBM SSFF Overview on Sales Order Specific Configuration (6F37G)
- IBM Sterling Selling and Fulfillment Foundation Managing Returns (6F38G)
- IBM Sterling Selling and Fulfillment Foundation Call Center for Commerce (6F39G)
- IBM SSFF Managing Call Center Configurations (6F40G)
- IBM SSFF Managing Order Related Configurations (6F41G)
- IBM Sterling Selling and Fulfillment Foundation Queue Configuration (6F43G)
- IBM SSFF Basic Item Concepts and Sterling Business Center Overview (6F44G)
- IBM Sterling Selling and Fulfillment Foundation Overview of Product Integration (6F45G)
- IBM Sterling Selling and Fulfillment Foundation Configuring Organizations (6F47G)
- IBM Sterling Selling and Fulfillment Foundation Assigning Attributes to Roles (6F48G)
- IBM SSFF Creating Users and Configuring Access Policies (6F49G)
- IBM Sterling Selling and Fulfillment Foundation Configuring Sales Order Specific Rules (6F50G)
- IBM SSFF Defining Order Scheduling and Order Sourcing (6F51G)
- IBM Sterling Selling and Fulfillment Foundation Configuring Sourcing and Scheduling Rules (6F52G)
- IBM SSFF Configuring Order Fulfillment Rules (6F53G)
- IBM Sterling Selling and Fulfillment Foundation Configuring Service Capacity (6F54G)
- IBM Sterling Selling and Fulfillment Foundation Configuring Payment Rules (6F55G)
- IBM SSFF Sterling Store Fundamentals (6F56G)
- IBM Sterling Selling and Fulfillment Foundation Administering Store Operations (6F57G)
- IBM Sterling Selling and Fulfillment Foundation Configuring Sterling Store Rules (6F58G)
- IBM Sterling Selling and Fulfillment Foundation Overview of Price Types (6F59G)
- IBM Sterling Selling and Fulfillment Foundation Working with Web UI Framework (6F62G)
- IBM Sterling Selling and Fulfillment Foundation Configuring Statuses and Conditions (6F64G)
- IBM Sterling Selling and Fulfillment Foundation Configuring Process Modeling Components (6F65G)
- IBM Sterling Selling and Fulfillment Foundation Understanding System Tasks (6F67G)
- IBM Sterling Selling and Fulfillment Foundation Overview of Agent Framework (6F72G)
- IBM Sterling Selling and Fulfillment Foundation Working with Agent Framework (6F73G)
- Introduction to IBM WebSphere Commerce Management Center (6G24G)
- Introduction to Product Catalog for IBM WebSphere Commerce Version 7 FEP 7 (6G25G)

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## IBM WBT Training

### WBT

- Managing Sales Catalogs for IBM WebSphere Commerce V7 (6G26G)
- Product and Category Search Optimization for IBM WebSphere Commerce V7 (6G27G)
- Marketing with Search for WebSphere Commerce Feature Pack 7 (6G28G)
- Installments Management for IBM WebSphere Commerce Version 7 FEP 7 (6G30G)
- Introduction to IBM WebSphere Commerce Extended Sites (6G31G)
- Using the Store Management Tool for IBM WebSphere Commerce V7 (6G32G)
- Management Center Integrations for WebSphere Commerce Feature Pack 7 (6G33G)
- Asset Management for IBM WebSphere Commerce Version 7 FEP 7 (6G34G)
- Catalog Upload for IBM WebSphere Commerce V7 (6G35G)
- Product Information Management for IBM WebSphere Commerce Version 7 FEP 7 (6G36G)
- Pricing Management for WebSphere Commerce V7 Feature Pack 7 (6G37G)
- Introduction to Marketing Management for IBM WebSphere Commerce Version 7 FEP 7 (6G38G)
- Marketing Activities for IBM WebSphere Commerce Version 7 FEP 7 (6G39G)
- Managing Promotions for IBM WebSphere Commerce Version 7 FEP 7 (6G40G)
- Workspace Management for IBM WebSphere Commerce Version 7 FEP 7 (6G41G)
- Catalog Management for Direct Sales Store for IBM WebSphere Commerce V7 FEP 7 (6G42G)
- Marketing and Promotions for Direct Sales Store for WebSphere Commerce FEP 7 (6G43G)
- IBM WebSphere Commerce Server Administration Introduction for Version 7 FEP 8 (6G44G)
- Installing and Planning WebSphere Commerce V7 Server Solutions (6G45G)
- Loading, Transforming and Exporting Data for IBM WebSphere Commerce FEP 8 (6G46G)
- WebSphere Commerce Build and Deployment(Web based) (6G47G)
- Working with WebSphere Commerce Accelerator for IBM WebSphere Commerce V7 FEP 8 (6G48G)
- WebSphere B2B Administration (Web-based) (6G49G)
- Administering a WebSphere Commerce Site (Web based) (6G50G)
- Managing features for IBM WebSphere Commerce Version 7 FEP 8 (6G52G)
- Administering the WebSphere Commerce Database for WebSphere Commerce V8 FEP 8 (6G53G)
- WebSphere Commerce Server Caching for WebSphere Commerce V7 for Feature Pack 8 (6G54G)
- WebSphere Commerce Search Administration (Web based) (6G55G)
- WebSphere Commerce Security and Auditing (6G56G)
- WebSphere Commerce Server Performance (6G57G)
- IBM Payments for WebSphere Commerce for WebSphere Commerce V7 for Feature Pack 8 (6G58G)
- Using Commerce Composer Functionality for WebSphere Commerce V7 for Feature Pack (6G63G)
- WebSphere Commerce Security and Auditing (6G65G)
- Installing and Planning WebSphere Commerce Server Solutions V8 (6G66G)
- WebSphere Commerce V8 Developer Toolkit (6G69G)
- IBM Transformation Extender Overview (6J01G)
- IBM Universal Behavior Exchange (UBX) Technical Enablement Webinars (6U01G)
- Introduction to IBM Universal Behavior Exchange (UBX) (6U02G)
- IBM Sterling Selling and Fulfillment Suite Supply Chain Concepts (6W856G)
- Introducing IBM Cúram Universal Access 6.0.5 (9D57G)
- The IBM Cúram Child Welfare 6.0.5 Solution: Functional Primer (9D58G)
- Batch Processing in IBM Cúram 6.0.5 (9D62G)
- IBM Care Management 6.0 - Functional and Technical Overview (9D64G)
- IBM Cúram SPM Platform 6.1: New Features (9D67G)
- Introduction to IBM Tealeaf Collection (9F06G)
- IBM Tealeaf xOverstat 8.8 Usability Analysis and Configuration (9F08G)
- IBM Tealeaf 9.0 Goal-Based Dimensions and Events (WBT) (9F21G)
- IBM Tealeaf xOverstat 9.0 Usability Analysis and Configuration (9F22G)
- Introduction to IBM eMessage: Video Demo Collection (WBT) (9U02G)
- IBM Contact Optimization Optimizing Your Contact Strategy (9U08G)
- IBM Building Interactive Campaigns (WBT) (9U14G)
- IBM Building Campaigns 9.x (WBT) (9U25G)
- IBM Campaign Architecture Web-based Training (9U27G)
- IBM Campaign 9.x Installation (9U28G)
- IBM eMessage Document Composer (WBT) (9W344G)
- IBM Cognos Workspace: Create Workspaces (V10.2.2) (B5A17G)
- IBM Cognos Workspace Advanced: Introduction (V10.2.2) - eLearning (B5A83G)
- IBM Cognos Workspace Advanced: Intermediate (V10.2.2) - eLearning (B5A84G)
- IBM Cognos BI for Consumers (V10.2.2) eLearning (B5A88G)
- IBM Cognos Analytics for Consumers (v11.0) eLearning (B6088G)
- IBM Cognos Analytics - Create Dashboards (v11.0) eLearning (B6089G)
- IBM Cognos Analytics - Create Data Modules (v11.0) - eLearning (B6090G)
- IBM Cognos Analytics - Departmental Administration (v11.0) eLearning (B6091G)
- What's new for Power Systems Running Linux (LX01WG)
- IBM Cognos Planning: Explore and Contribute to Plans (V10.1) - eLearning (P8103G)
- IBM Cognos Integration Server: Extract Data from Oracle Essbase (v10.2) (P8218G)
- IBM Cognos Integration Server: Extract Data from Oracle HFM (v10.2) (P8219G)
- IBM Cognos TM1: Interact with Data (v10.2) - eLearning (P8253G)
- IBM Cognos TM1: Work with IBM Cognos Analysis for Microsoft Excel

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# IBM WBT Training

## WBT

- (v10.2) eLearning (P8254G)
- IBM Cognos TM1: Explore Data (v10.2) eLearning (P8256G)
- IBM Cognos Command Center: Automation Using Plugin Tasks (V10.2) eLearning - WBT (P8280G)
- Introduction to cloud computing fundamentals for Power Systems: WBT (QZCIWG)
- IBM XIV Host Attachment and Interoperability - WBT (SSA10WG)
- What's New in IBM DataPower Version 7.1 (VW710G)
- JOSE and JOSE support in IBM DataPower V7.2 (VW712G)
- Introducing IBM Business Process Manager (VW902G)
- IBM WebSphere Cast Iron V7 Configuration (VW945G)
- WebSphere Cast Iron V7 Administration (VW955G)
- Introduction to WebSphere eXtreme Scale 8.6 (VX899G)
- Introduction to Predictive Modeling Using IBM SPSS Modeler (v18) eLearning (0D007G)
- IBM OpenPages: Questionnaires (v7.2) eLearning (1O265G)
- IBM Control Center Overview (6B11G)
- IBM Control Center V6.1 for Control Center Administrators (6B12G)
- IBM Control Center V6.1 for Sterling B2B Integrator Administrators (6B13G)
- IBM Control Center V6.1 for Sterling File Gateway Administrators (6B15G)
- IBM Commerce on Cloud (V16.2) Overview of IBM Order Management on Cloud (6F102G)
- Introduction to IBM Cúram Social Program Management 6.0.5: Functional Overview (9D59G)
- IBM Cúram SPM Platform 6.2: New Features (9D69G)
- Introducing IBM Watson Care Manager (9D70G)
- IBM Cognos Analytics: Introduction to Authoring (v11.0) eLearning (B6025G)
- IBM Datacap 9.0.1: Mobile (F250G)
- Introduction to IBM i for New Users (OE98WG)
- SAN Volume Controller (SVC) Planning and Implementation Workshop - WBT (SNV1WG)
- IBM Flash Storage Fundamentals (SSFS1WG)
- WebSphere Liberty Intelligent Management and Auto-Scaling (VW585G)
- IBM WebSphere Application Server V9 Installation (VW590G)
- Essentials of Rational Test Workbench Web UI Tester 9.0 (VW900G)
- IBM InfoSphere DataStage v11.5 Data Masking eLearning (1M424G)
- IBM OpenPages: Role Based Security (v7.3) eLearning (1O266G)
- IBM OpenPages: Security Rules (v7.3) eLearning (1O267G)
- IBM OpenPages: Object Types, Fields, and Custom Security (v7.3) eLearning (1O268G)
- IBM OpenPages: Profiles (v7.3) eLearning (1O269G)
- Using IBM OpenPages (v7.3) - eLearning (1O297G)
- Introduction into the IBM DB2 Analytics Accelerator - Handling Tables - eLearning (1V500G)
- Introduction to Informix Terminology and Data Types (v12.10) eLearning (1X101G)
- IBM Cúram SPM 7.0: New Features (9D71G)
- Introduction to IBM Cúram Social Program Management 7.X: Functional Overview (9D75G)
- UNIX / AIX User Additional Skills (AN204DG)
- IBMContent Navigator 2.0.3.6 - Box Integration (F272G)
- IBMContent Navigator 2.0.3.6 - Mobile (F277G)
- IBM Spectrum Scale 4.2.1 New Features (H005ADG)
- Create Reports using IBM Cognos Analytics - Reporting - eLearning (K01001G)
- Extend Report Functionality in IBM Cognos Analytics - Reporting - eLearning (K01003G)
- Create Advanced Reports using IBM Cognos Analytics - Reporting - eLearning (K01004G)
- Create Active Reports using IBM Cognos Analytics - Reporting - eLearning (K01006G)
- Create Advanced Reports with Multidimensional Data using IBM Cognos Analytics - Reporting - eLearning (K01008G)
- Creating Data Modules using IBM Cognos Analytics - eLearning (K01009G)
- Introduction to IBM Cognos Analytics Framework Manager (K01010G)
- Power Systems Running Linux: Red Hat Administration (PowerVM Base) (LX031DG)
- Watson Explorer Foundational Components (v11) eLearning (O3134G)
- Watson Explorer Analytical Components (v11) eLearning (O3144G)
- IBM PowerVM NovaLink (QZP11DG)
- Storage Area Networking Fundamentals (SN71DG)
- IBM DS8880 Family of Storage Systems (SS02DG)
- Introduction to IBM Spectrum Accelerate (SSC30DG)
- IBM Spectrum Archive - Enterprise Edition (SSC40DG)
- Monitoring the IBM Elastic Storage Server (SSE11DG)
- IBM DS8000 Implementation Workshop for z Systems (SSF1DG)
- IBM FlashSystem A9000 and A9000R Storage Implementation (SSFS4DG)
- Working with WebSphere Application Server on Bluemix (VW595G)
- Mobile Application Development with IBM MobileFirst Platform Foundation V8 (VY502G)
- IBM WebSphere Commerce V8 Foundation (6G84G)
- IBM Transformation Extender Advanced Overview (6J02G)
- IBM Partner Engagement Manager for System Administrator (6K01G)
- IBM Partner Engagement Manager Fundamentals for Sponsor Administrator (6K02G)
- IBM Partner Engagement Manager for Partner Administrator and User (6K03G)



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## VMware Certifications

### Digital Business Transformation

Preparatory training	Test
<b>VMware Certified Associate – Digital Business Transformation (VCA-DBT)</b>	
<ul style="list-style-type: none"> <li>VCA-DBT Trainingsmodule / VMware Learning Zone</li> </ul>	VCA-DBT Test

### Data Center Virtualization

Preparatory training	Test
<b>VMware Certified Associate – Data Center Virtualization (VCA6-DCV)</b>	
<ul style="list-style-type: none"> <li>VMware Data Center Virtualization Fundamentals E-Learning</li> </ul>	VCA6-DCV Test
<b>VMware Certified Professional – Data Center Virtualization (VCP6.5-DCV)</b>	
<ul style="list-style-type: none"> <li>VMware vSphere: Install, Configure, Manage (VICM) oder</li> <li>VMware vSphere: Fast Track (VVFT) oder</li> <li>VMware vSphere: Optimize &amp; Scale (VOS) oder</li> <li>VMware vSphere: Troubleshooting (VSTS) oder</li> <li>VMware vSphere: Install, Configure, Manage plus Optimize &amp; Scale Fast Track (VICMOSFT)</li> </ul>	vSphere 6 oder 6.5 Foundations Test VCP6.5-DCV Test

### Network Virtualization

Preparatory training	Test
<b>VMware Certified Associate – Network Virtualization (VCA6-NV)</b>	
<ul style="list-style-type: none"> <li>Network Virtualization Fundamentals E-Learning</li> </ul>	VCA6-NV Test
<b>VMware Certified Professional – Network Virtualization (VCP6-NV)</b>	
<ul style="list-style-type: none"> <li>VMware NSX: Install, Configure Manage (NSXICM) oder</li> <li>VMware NSX Fast Track (NSXFT) oder</li> <li>VMware NSX: Design &amp; Deploy (NSXDD) oder</li> <li>VMware NSX: Troubleshooting &amp; Operations (NSXTO) oder</li> <li>Security Operations for the Software Defined Data Center (SOSDDC)</li> </ul>	vSphere 6 oder 6.5 Foundations Test VCP6-NV Test

### Cloud Management & Automation

Preparatory training	Test
<b>VMware Certified Associate – Hybrid Cloud (VCA6-HC)</b>	
<ul style="list-style-type: none"> <li>vCloud Air Fundamentals E-Learning</li> </ul>	VCA6-HC Test
<b>VMware Certified Associate – Cloud Management &amp; Automation (VCA6-CMA)</b>	
<ul style="list-style-type: none"> <li>VMware Cloud Fundamentals E-Learning</li> </ul>	VCA6-CMA Test
<b>VMware Certified Professional – Cloud Management &amp; Automation (VCP6-CMA)</b>	
<ul style="list-style-type: none"> <li>VMware Cloud Automation: Design &amp; Deploy (CADD) oder</li> <li>VMware vRealize Automation: Install, Configure, Manage (VRAICM) oder</li> <li>VMware Cloud Orchestration &amp; Extensibility (VCOE) oder</li> <li>VMware vRealize Operations Manager: Install, Configure, Manage (VROMICM)</li> </ul>	vSphere 6 oder 6.5 Foundations Test VCP6-CMA Test

### Desktop & Mobility

Preparatory training	Test
<b>VMware Certified Associate – Desktop &amp; Mobility (VCA6-DTM)</b>	
<ul style="list-style-type: none"> <li>VMware Workforce Mobility Fundamentals E-Learning</li> </ul>	VCA6-DTM Test
<b>VMware Certified Professional – Desktop &amp; Mobility (VCP7-DTM)</b>	
<ul style="list-style-type: none"> <li>VMware Horizon 7: Install, Configure, Manage (VHVICM) oder</li> <li>VMware Horizon 7: Troubleshooting &amp; Performance Optimization (VHPTO) oder</li> <li>VMware Horizon 7: Install, Configure, Manage plus App Volumes Fast Track (VHICMAVFT)</li> </ul>	vSphere 6 oder 6.5 Foundations Test VCP7-DTM Test

## VMware vSphere Training

### vSphere

- VMware vSphere: Fast Track (VVFT)
- VMware vSphere: What's New (V6.0) (VIWN)
- VMware vSphere: Optimize and Scale (VOS)
- VMware vSphere: Design Workshop (VDW)
- VMware vSphere: Skills for Operators (VSO)
- VMware vSphere 6.5: Troubleshooting Workshop (VSTS)
- VMware vSphere: Install, Configure, Manage [V6.5] (VICM6.5)



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## VMware Software-defined Data Center Training

### Software-Defined Data Center

- VMware vSphere on NetApp (VVNA)
- Designing the FlexPod Solution (FPDESIGN)
- Implementing and Administering the FlexPod Solution (FPIMPADM)
- VMware NSX: Install, Configure, Manage (NSXICM)



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## VMware Cloud Training

### Software-Defined Data Center

- VMware vSphere on NetApp (VVNA)
- Designing the FlexPod Solution (FPDESIGN)
- Implementing and Administering the FlexPod Solution (FPIMPADM)
- VMware NSX: Install, Configure, Manage (NSXICM)



### Software-Defined Data Center

- VMware vSphere on NetApp (VVNA)
- Designing the FlexPod Solution (FPDESIGN)
- Implementing and Administering the FlexPod Solution (FPIMPADM)

- VMware NSX: Install, Configure, Manage (NSXICM)

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## VMware vCenter Training

### vCenter

- VMware Site Recovery Manager: Install, Configure, Manage v6.1 (VSRM)
- VMware vCenter Operations Manager: Analyze and Predict (VCOPS)
- VMware vCenter Operations Manager: Advanced Usage and Dashboard Design (VCOMUD)
- VMware vCenter Configuration Manager for Virtual Infrastructure Management (VCMIM)
- VMware vCenter Orchestrator: Develop Workflows (VCODW)

- VMware vCenter Configuration Manager: Install, Configure, Manage (VCMICM)



More information: [www.flane.com.pa/vmware-courses](http://www.flane.com.pa/vmware-courses)



## VMware Desktop Virtualization Training

### Desktop (Horizon)

- VMware Mirage: Install, Configure, Manage (VHMICM)
- VMware Horizon 7: Install, Configure, Manage (VHVICM)
- VMware View 5.1: Desktop Fast Track (VIEWFT)
- VMware View 5.x: Design Best Practices (VVD)
- Application Virtualization Using VMware ThinApp (THIN)
- VMware vCenter Configuration Manager for Virtual Infrastructure Management (VCMIM)

- VMware Mirage [V5.0] and Horizon with View [V6.0]: Fast Track (MHVFT)



More information: [www.flane.com.pa/vmware-courses](http://www.flane.com.pa/vmware-courses)

## VMware Data Center Virtualization Training

### Data Center Virtualization

- VMware vSphere: Design Workshop (VDW)
- VMware vSphere 6.5: Troubleshooting Workshop (VSTS)
- VMware vSphere: Skills for Operators (VSO)
- VMware vCenter Operations Manager: Analyze and Predict (VCOPS)
- VMware Site Recovery Manager: Install, Configure, Manage v6.1 (VSRM)
- VMware vSphere: Install, Configure, Manage (Version 6.0) (VICM)
- VMware vSphere: Optimize and Scale (VOS)

- VMware vSphere: Fast Track (VFT)
- VMware vSAN: Deploy and Manage [6.6] (VSDM)



More information: [www.flane.com.pa/vmware-courses](http://www.flane.com.pa/vmware-courses)

## Fast Track Training

### Fast Track

- VMware vSphere: Fast Track (VFT)
- VMware View 5.1: Desktop Fast Track (VIEWFT)

More information: [www.flane.com.pa/vmware-courses](http://www.flane.com.pa/vmware-courses)

## On Demand Training

### on-demand

- VMware vSphere 5.5: Install, Configure, Manage - Lab Connect (VICMLC)
- VMware vSphere 5.1: Fast Track - Lab Connect (VFTLC)
- VMware vSphere 5.5: Optimize and Scale - Lab Connect (VOSLC)

- VMware vSphere 5.5: What's New - Lab Connect (VWNLC)

More information: [www.flane.com.pa/vmware-courses](http://www.flane.com.pa/vmware-courses)

## E-Learning Training

### on-demand

- VMware Virtual SAN: Deploy and Manage (VSDM)
- VMware vCloud Automation Center: Install, Configure, Manage [v6.0] (VCACICM)
- VMware vSphere: Install, Configure, Manage (Version 5.5) (VICM)
- VMware vCloud Director: Install, Configure, Manage (Version 5.5) (VCDICM)
- VMware Horizon View 6.0: Install, Configure, Manage (VHVICM)

- VMware vSphere: Optimize and Scale (VOS)



More information: [www.flane.com.pa/vmware-courses](http://www.flane.com.pa/vmware-courses)



# Arista Training

# ARISTA

We offer original Arista training. Our training is hands-on and offers practical tips and problem-solving strategies for company networks.

More information:

[www.flane.com.pa/arista](http://www.flane.com.pa/arista)

## Arista Training

### Arista Configuration Essentials Training (ACE)

- Arista Configuration Essentials Training (ACE)

This 3-day, instructor-led, hands-on course covers an overview of Arista hardware and software (Extensible Operating System EOS), and the theory, operation and configuration of Arista differentiated features such as VM Tracer, Latency Analyzer (LANZ), Multi-Chassis Lag (MLAG) and Advanced Event Management (AEM). This course is designed to provide the student with a significant amount of meaningful hands-on lab time to support topics covered in class. Candidates for this course should have a working knowledge of L2 and L3 protocols. Experience with Linux, Bash and Python is a plus

More information: [www.flane.com.pa/arista](http://www.flane.com.pa/arista)





# Brocade Training



Fast Lane offers a complete portfolio of courses covering Brocade's SAN, IP Network, and Ethernet Fabric protocols. Professionals who have acquired this knowledge can skillfully sell, administer, maintain, and troubleshoot networks containing Brocade products. Using the Brocade courses, professionals can take their technical career to the next level and maximize the value of a company's Brocade investments.

Weitere Informationen und Kursbuchung:  
[www.flane.com.pa/brocade](http://www.flane.com.pa/brocade)

## Brocade 16 Gbit/sec

### Brocade 16 Gbit/sec

- Brocade SAN Fundamentals (BRF)
- Brocade SAN Advanced Accelerated (BRAX)
- Brocade SAN Advanced (BRA)
- Brocade SAN Power Workshop (BRPW)

More information: [www.flane.com.pa/brocade](http://www.flane.com.pa/brocade)



### Brocade 16 Gbps Fundamentals (BRF)



Brocade 16 Gbps  
Advanced (BRA)



Brocade 16 Gbps  
Advanced  
Accelerated (BRAX)

# Barracuda Training



We offer original Barracuda training. Our training is hands-on and offers practical tips and problem-solving strategies for company networks.

More information:  
[www.flane.com.pa/barracuda](http://www.flane.com.pa/barracuda)

## Barracuda NextGen Firewall Training

Learn how to improve performance, availability, and security of distributed networks!

- Barracuda NextGen Firewall F Certified Engineer (BTN300)
- Barracuda NextGen Firewall F Certified Expert (BTN350)

More information: [www.flane.com.pa/barracuda](http://www.flane.com.pa/barracuda)



## Barracuda Web Application Firewall Training

Learn how to fully protect your critical applications!

- Barracuda Web Application Firewall Certified Engineer (BTW300)

More information: [www.flane.com.pa/barracuda](http://www.flane.com.pa/barracuda)



# Palo Alto Networks Training



AUTHORIZED  
TRAINING CENTER

In Partnership with an authorized Palo Alto Networks Training Partner we offer you the official Palo Alto curriculum. The Palo Alto Networks Training gives you the next-generation firewall knowledge you need to secure your network and safely enable applications. The classes feature lecture and many hands-on labs.

More information:

[www.flane.com.pa/paloaltonetworks](http://www.flane.com.pa/paloaltonetworks)

## Firewall

### Firewall

- Firewall: Install, Configure, and Manage (201)
- Firewall: Configure Extended Features (205)
- Panorama 8.0: Manage Multiple Firewalls (221)
- Firewall: Manage Cyberthreats (231)
- Firewall 8.0: Debug and Troubleshoot (311)



More information:

[www.flane.com.pa/paloaltonetworks](http://www.flane.com.pa/paloaltonetworks)

## Endpoint

### Endpoint

- Traps 4.0: Install, Configure and Manage (281)
- Traps 4.0: Deploy and Optimize (285)



More information:

[www.flane.com.pa/paloaltonetworks](http://www.flane.com.pa/paloaltonetworks)

# Red Hat Training



**redhat**  
**ALLIANCE**  
**TRAINING**  
**PARTNER**

As a Red Hat Alliance Training Partner we offer you the official Red Hat Training Curriculum. Invest in your skills or the skills of your team with our hands-on, role-based training for IT professionals and developers. Master key tasks for Red Hat Enterprise Linux, JBoss Enterprise Middleware, Red Hat Enterprise Virtualization, and more.

More information: [www.flane.com.pa/redhat](http://www.flane.com.pa/redhat)

## Linux System Administration

### Core System Administration

- Red Hat System Administration I (RH124)
- Red Hat System Administration II (RH134)
- Red Hat System Administration II + EX200 (RH135)
- Red Hat System Administration III (RH254)
- Red Hat System Administration III + EX200 & EX300 (RH255)
- Red Hat Virtualization (RH318)
- Red Hat Virtualization + EX318 (RH319)

More information: [www.flane.com.pa/redhat](http://www.flane.com.pa/redhat)

## Advanced Administration

### Advanced System Administration

- Red Hat High Availability Clustering (RH436)
- Red Hat High Availability Clustering + EX436 (RH437)

More information: [www.flane.com.pa/redhat](http://www.flane.com.pa/redhat)

## Cloud

### Cloud

- Red Hat OpenStack Administration I (CL110)
- Red Hat OpenStack Administration II (CL210)
- Red Hat OpenStack Administration III (CL310)
- Red Hat OpenStack Administration III + EX310 (CL311)

More information: [www.flane.com.pa/redhat](http://www.flane.com.pa/redhat)

## JBoss

### JBoss

- Red Hat JBoss Application Administration I (JB248)
- Red Hat JBoss Application Administration I + EX248 (JB249)
- Red Hat JBoss Application Administration II (JB348)
- Camel Development with Red Hat JBoss Fuse (JB421)
- Camel Development with Red Hat JBoss Fuse + EX421 (JB422)
- Enterprise Service Bus Deployment with Red Hat JBoss Fuse (JB435)

More information: [www.flane.com.pa/redhat](http://www.flane.com.pa/redhat)



# CWNP (Certified Wireless Network Professional) Training



Fast Lane is a worldwide CWNP (Certified Wireless Network Professional) Authorized Learning Partner for all your CWNP wireless training and certification needs. We deliver the courses you need to prepare for the official CWNP certifications – from entry-level to expert.

More information: [www.flane.com.pa/cwnp](http://www.flane.com.pa/cwnp)

## CWTS® - Certified Wireless Technology Specialist

CWTS® - Certified Wireless Technology Specialist



CWTS is an entry level certification for sales professionals, project managers, and networkers who are new to enterprise Wi-Fi. Learn what Wi-Fi is before you learn how it works.

- **Enterprise Wi-Fi Fundamentals, CWTS Certification (CWTS)**

More information: [www.flane.com.pa/cwnp](http://www.flane.com.pa/cwnp)

## CWNA® - Enterprise Wi-Fi Administration (CWNA)

ID CWNA Preis 1.990,00 € (zzgl. MwSt.) Dauer 4 Tage



CWNA is an administrator level career certification for networkers who are in the field and need to thoroughly understand RF behavior, site surveying, installation, and basic enterprise Wi-Fi security. CWNA is where you learn how RF and IP come together as a Wi-Fi network.

- **Certified Wireless Network Administrator - CWNA (CWNA)**

More information: [www.flane.com.pa/cwnp](http://www.flane.com.pa/cwnp)

## CWSP® - Enterprise Wi-Fi Security (CWSP)

CWSP® - Certified Wireless Security Professional



CWSP is a professional level certification for network engineers who seek to establish their expertise in enterprise Wi-Fi security. Contrary to popular belief, enterprise Wi-Fi can be secure, if the IT pros installing and configuring it understand how to secure the wireless network.

- **Certified Wireless Security Professional Course (CWSP)**

More information: [www.flane.com.pa/cwnp](http://www.flane.com.pa/cwnp)

## CWDP® - Certified Wireless Design Professional

CWDP® - Certified Wireless Design Professional



CWDP is a professional level career certification for networkers who are already CWNA certified and have a thorough understanding of RF technologies and applications of 802.11 networks. The CWDP curriculum prepares WLAN professionals to properly design wireless LANs for different applications to perform optimally in different environments.

- **Certified Wireless Design Professional (CWDP)**

More information: [www.flane.com.pa/cwnp](http://www.flane.com.pa/cwnp)

## CWAP® - Certified Wireless Analysis Professional

CWAP® - Certified Wireless Analysis Professional



CWAP is a professional level career certification for networkers who are already CWNA certified and have a thorough understanding of RF technologies and applications of 802.11 networks. The CWAP curriculum prepares WLAN professionals to analyze, troubleshoot, and optimize any wireless LAN.

- **Enterprise Wi-Fi Analysis & Troubleshooting - CWAP Certification (CWAP)**



# Gigamon Training

As the only Global Premium Training Provider and exclusive content provider for Gigamon, Fast Lane is able to offer you security training on Gigamon's products that provide active visibility into physical and virtual network traffic leading to improved security and optimized performance.

More information::

[www.flane.com.pa/gigamon-training](http://www.flane.com.pa/gigamon-training)

## Network Security and Visibility

### Gigamon® Visibility Fabric™ Overview and Configuration (GVFOC)

- Gigamon® Visibility Fabric™ Overview and Configuration (GVFOC)

More information: [www.flane.com.pa/gigamon-training](http://www.flane.com.pa/gigamon-training)

### Gigamon® Visibility Fabric™ Advanced Implementation (GVFAI)

- Gigamon® Visibility Fabric™ Advanced Implementation (GVFAI)

More information: [www.flane.com.pa/gigamon-training](http://www.flane.com.pa/gigamon-training)

### Gigamon® Visibility Fabric™ Overview and Advanced Implementation Bundle (GVFAIBDL)

- Gigamon® Visibility Fabric™ Overview and Advanced Implementation Bundle (GVFAIBDL)

More information: [www.flane.com.pa/gigamon-training](http://www.flane.com.pa/gigamon-training)

# NotSoSecure Hacking Training



As an authorized NotSoSecure Training Partner Fast Lane offers a beautifully architected set of Hacking Training courses which brings real-world Penetration Testing experience, research, conference content and "know-how" together.

More information:

[www.flane.com.pa/notsosecure](http://www.flane.com.pa/notsosecure)

## Introductory Track



### Introductory Track

- Infrastructure Hacking (ISH)
- Web Hacking (WH)
- The Art of Hacking (TAOH)

**75%**

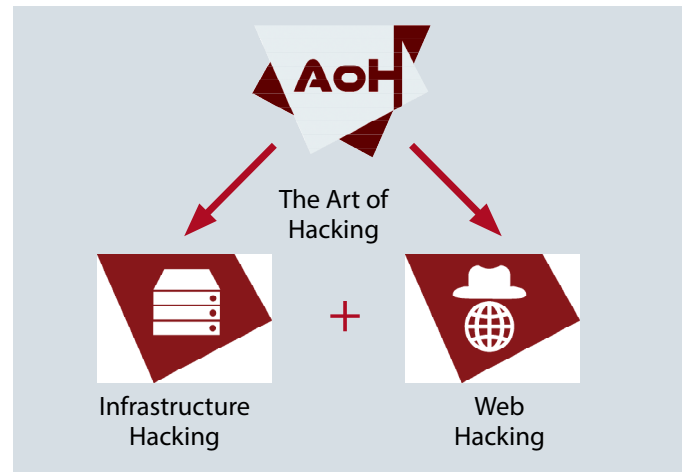
75% real hacking and practical training in our Advanced „Hack-Lab“



Developed by experienced penetration testers who regularly attend international conferences such as Black Hat, AppSec, OWASP, Defcon, and others



Continuously updated course content and coverage of latest exploits



### Advanced Track

- Advanced Infrastructure Hacking (AIH)
- Advanced Web Hacking (AWH)

More information: [www.flane.com.pa/notsosecure](http://www.flane.com.pa/notsosecure)

### Specialised Track

- AppSec for Developers (ASD)
- Advanced Mobile Exploitation (AME)

More information: [www.flane.com.pa/notsosecure](http://www.flane.com.pa/notsosecure)

### Specialist Plus

- Offensive IoT Exploitation Foundation (OIEF)
- Offensive IoT Exploitation Intermediate (OIEI)
- Offensive IoT Exploitation Advanced (OIEA)
- Offensive IoT Exploitation Boot Camp (OIEBC)
- Xtreme Exploitation (XE)
- PowerShell for Penetration Testers Foundation (PPTF)
- Powershell for Penetration Testers Intermediate (PPTI)
- Powershell for Penetration Testers Advanced (PPTA)

More information: [www.flane.com.pa/notsosecure](http://www.flane.com.pa/notsosecure)

# Check Point Training



In cooperation with our Partners we offer you the original training of Check Point. In addition, we offer an intensive power workshop to prepare you for certification as a Check Point Certified Security Administrator (CCSA) or Check Point Certified Security Expert (CCSE).

More information:

[www.flane.com.pa/checkpoint](http://www.flane.com.pa/checkpoint)

## Check Point Training

### Core Security

- Check Point Certified Security Administrator R80 (CCSA-R80)
- Check Point Certified Security Engineering R80 (CCSE-R80)

More information: [www.flane.com.pa/checkpoint](http://www.flane.com.pa/checkpoint)

### Advanced Security

- Check Point Multi-Domain Security Management with Virtual System Extension R77 (MDSM)
- Check Point Security Master R77 (CCSMR77)

More information: [www.flane.com.pa/checkpoint](http://www.flane.com.pa/checkpoint)

### Advanced Security

- Check Point Advanced IPS (CPIPS)
- Check Point Endpoint Security (ESR80)
- Check Point Secure Web Gateway (SWG)
- Check Point Threat Prevention (CCTP)

More information: [www.flane.com.pa/checkpoint](http://www.flane.com.pa/checkpoint)





# Citrix Training

In cooperation with our partners we offer the original training from Citrix.



More information:

[www.flane.com.pa/citrix-training](http://www.flane.com.pa/citrix-training)

## XenApp

- Citrix XenApp 6.5 Administration (CXA-206)
- Citrix XenApp and XenDesktop 7.x Helpdesk Support (CXD-105)



More information: [www.flane.com.pa/citrix-training](http://www.flane.com.pa/citrix-training)

## Xen Desktop

- Designing App and Desktop Solutions with Citrix XenDesktop 7 (CXD-400)
- Managing App and Desktop Solutions with Citrix XenApp and XenDesktop 7.6 (CXD-203)
- Citrix XenApp and XenDesktop Fast Track (CMB-207)
- Deploy and Manage Citrix XenApp/XenDesktop 7.6 Fast Track (CMB-300)
- XenApp and XenDesktop Advanced Concepts - Troubleshooting (CXD-302)

- XenApp and XenDesktop Advanced Concepts - Optimizing the End User Experience (CXD-301)
- XenApp and XenDesktop Current Release Update (CXD-230)

More information: [www.flane.com.pa/citrix-training](http://www.flane.com.pa/citrix-training)

## Netscaler

- Citrix NetScaler 11 Advanced Implementation (CNS-301)
- Citrix NetScaler 10.5 Essentials for ACE Migration (CNS-208)
- Citrix NetScaler Essentials and Traffic Management (CNS-220)

- Citrix NetScaler Essentials and Unified Gateway (CNS-222)

More information: [www.flane.com.pa/citrix-training](http://www.flane.com.pa/citrix-training)

## Xen Mobile

- Deploying Enterprise Mobility Solutions with Citrix XenMobile 10 (CXM-303)
- Managing and Supporting a Mobility Solution with Citrix XenMobile (CXM-202)

More information: [www.flane.com.pa/citrix-training](http://www.flane.com.pa/citrix-training)

## Xen Server

- Citrix XenServer 6.5 Administration (CXS-300)

More information: [www.flane.com.pa/citrix-training](http://www.flane.com.pa/citrix-training)

# Juniper Training

Fast Lane has partnered to bring you Authorized Juniper training. Whether you desire a Juniper certification, have future deployments or are looking to expand your skill set, we can help with all of your Juniper training needs. Fast Lane provides hands-on training that will help you gain the knowledge and skills needed to deploy and maintain high-performance networks — keeping you ahead of the technology curve while also helping you advance your career.

More information:

[www.flane.com.pa/juniper](http://www.flane.com.pa/juniper)

## Certification Boot Camps

- Enterprise Networking Certification Boot Camp - JNCIA & JNCIS (JNCIS-ENTBC)
- Juniper Networks Certified Security Specialist Boot Camp (JNCIA & JNCIS) (JNCIS-SECBC)



More information: [www.flane.com.pa/juniper](http://www.flane.com.pa/juniper)

## Service Provider Courses

- Introduction to the Junos Operating System (IJS)
- Junos Service Provider Switching (JSPX)
- Advanced Junos Service Provider Routing (AJSPR)
- Junos Routing Essentials (JRE)
- Junos Intermediate Routing (JIR)
- Junos Class of Service (JCOS)
- Junos MPLS and VPNS (JMV)
- Junos Multicast Routing (JMR)

More information: [www.flane.com.pa/juniper](http://www.flane.com.pa/juniper)

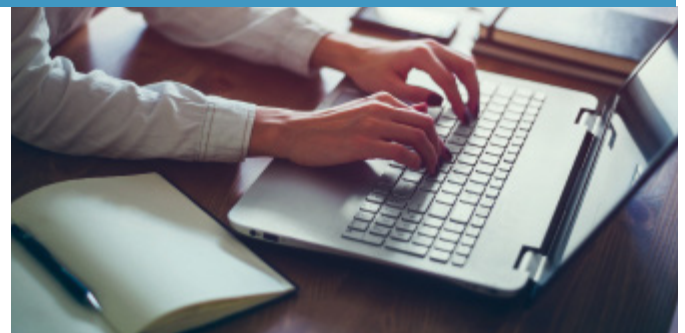
## Enterprise Routing and Switching Courses

- Introduction to the Junos Operating System (IJS)
- Junos Routing Essentials (JRE)
- Junos Intermediate Routing (JIR)
- Junos Enterprise Switching using ELS (JEX)
- Advanced Junos Enterprise Routing (AJER)
- Advanced Junos Enterprise Switching Using Enhanced Layer 2 Software (AJEX)
- Junos Enterprise Switching using ELS (JEX-ELS)

More information: [www.flane.com.pa/juniper](http://www.flane.com.pa/juniper)

## Security Courses

- Introduction to the Junos Operating System (IJS)
- Junos Security (JSEC)
- Advanced Junos Security (AJSEC)



More information: [www.flane.com.pa/juniper](http://www.flane.com.pa/juniper)

### Firewall / VPN Courses

- Advanced Juniper Networks IPSec VPN Implementations (AJVI)
- Attack Prevention with Juniper Networks Firewalls (APJF)
- Configuring Juniper Networks Firewall/IPSec VPN Products (CJFV)
- Integrating Juniper Networks Firewalls and VPNs into High-Performance Networks (IFVH)



More information: [www.flane.com.pa/juniper](http://www.flane.com.pa/juniper)

### Junos Software Courses

- Junos Platform Automation (JAUT)
- Junos Subscriber Management (JSM)



More information: [www.flane.com.pa/juniper](http://www.flane.com.pa/juniper)

### Junos Space

- Junos Space Essentials (JSE)
- Junos Space for the Service Provider (JS-SP)
- Junos Space - Network Director (JS-ND)
- Junos Space - Security Director (JS-SD)



More information: [www.flane.com.pa/juniper](http://www.flane.com.pa/juniper)

# Symantec and Blue Coat Training



Fast Lane offers you the original training for the endpoint protection solution from Symantec. We regularly hold Symantec training in our training centers. We are happy to offer you individually tailored trainings according to your wishes at your location.

More information:  
[www.flane.com.pa/symantec](http://www.flane.com.pa/symantec)

In cooperation with our partners we offer original Blue Coat training courses.

## Symantec Training

- Symantec Data Loss Prevention 12.5: Administration (SDLP)
- Symantec Messaging Gateway 10.5: Administration (SMGA)
- Symantec Endpoint Protection 12.1: Administration (SC1439)
- Symantec EndPoint Protection 12.x: Maintain and Troubleshoot (SC1433)
- PGP Universal Server 3.2: Administration (PGPUSA)
- Altiris Asset Management Suite 7.1 Administration (AAMSA)
- Symantec Client Management Suite 7.5: Administration (AT2998)
- Symantec Management Platform 7.1: Administration (AT8400)
- Symantec Advanced Threat Protection (SC1413)

More information: [www.flane.com.pa/symantec](http://www.flane.com.pa/symantec)



## Blue Coat Training

- Blue Coat Certified Proxy Administrator (BCCPA) (ADMIN)
- Blue Coat Certified Proxy Professional (BCCPP) (PROF)
- Blue Coat PacketShaper Administrator (PSA)
- Blue Coat Certified Security Analytics Administrator (BCSAA)
- Blue Coat Certified Security Analytics Professional (BCSAP)
- Blue Coat SSL Visibility Appliance (BCSSL)
- Blue Coat PacketShaper Professional (PSP)
- Blue Coat Content Analysis System (CAS)
- Blue Coat Certified ProxySG Administrator (BCCPA)
- Blue Coat Certified ProxySG Professional (BCCPP)
- Blue Coat Certified WAN-Acceleration Administrator (WAA)

More information: [www.flane.com.pa/bluecoat](http://www.flane.com.pa/bluecoat)

# Relayr Training

**relayr.**  
bring **things** to life

The comprehensive portfolio of relayr and Fast Lane empowers customers to unleash data from un-connected legacy and new devices, enables ecosystem partners to identify IoT market opportunities early, develop their pipeline and deliver solutions to customers across all industries.

More information:

[www.flane.com.pa/relayr](http://www.flane.com.pa/relayr)

Digitalize your company by building IoT solutions and expertise! Digitalization and the Internet of Things - the next industrial revolution - have already begun to have a significant impact on the way businesses run today. The benefits of smarter equipment and assets can be seen in every area, from operational efficiencies and cost reductions to new business models for incremental revenue. In this new world, your organization's business model is at stake. Your biggest competitor is ... doing nothing.

relayr is the company for the digital transformation of industries; a global IoT leader providing a device, hardware, and sensor-agnostic enterprise middleware platform, along with powerful, simple-to-use tools such as industrial retrofit kits which enable fast and cost effective prototyping of new solutions, equipment, and services for the Internet of Things.

## relayr Sales Enablement Training for Account Managers (RSEAM)

relayr Sales Enablement Training for Account Managers (RSEAM)

- relayr Sales Enablement Training for Account Managers (RL-RSEAM)



More information:

[www.flane.com.pa/relayr](http://www.flane.com.pa/relayr)

## relayr Sales Enablement Training for Pre-Sales Engineers (RSESE)

relayr Sales Enablement Training for Pre-Sales Engineers (RL-RSESE)

- relayr Sales Enablement Training for Account Managers (RL-RSEAM)

More information:

[www.flane.com.pa/relayr](http://www.flane.com.pa/relayr)

# Davra Networks Training



Davra is a global leader in the Industrial IoT Application Enablement Platform with strategic partnerships with companies like Cisco and Intel. Fast Lane, Davra's exclusive worldwide training partner offers important courses for both Davra's customers and partners.

More information:

[www.flane.com.pa/davra](http://www.flane.com.pa/davra)

Our Davra courses add to our expanding portfolio of IoT technical and solutions training and represent an important step in enabling a digital business to grow in some valuable verticals like transportation, oil and gas and security to name a few.

## Davra Sales Enablement Training

- Davra Networks Sales Enablement for Account Managers (DNSEAM)
- Davra Networks Sales Enablement for Sales Engineers (DNSESE)

More information: [www.flane.com.pa/davra](http://www.flane.com.pa/davra)



## Davra Design & Implementation Training

- Designing Davra IoT Solutions (DDIS)
- Deployment of Davra IoT Solutions for Developers (DDSD)

More information: [www.flane.com.pa/davra](http://www.flane.com.pa/davra)



# Azeti Training



Fast Lane and azeti: Rapid IoT adoption through a powerful package of solutions, services and education.

More information:

[www.flane.com.pa/azeti](http://www.flane.com.pa/azeti)

Fast Lane and azeti have formed a powerful partnership focused on bringing the power of IoT into traditional IT organizations.

Enterprise customers are driving demand for IoT solutions that impact their current businesses, but IT vendors, system integrators and value added resellers have concerns as building an IoT practice is not an easy task, given different sales cycles, new buyer types and more complex ROI models.

Fast Lane and azeti bring the power of IoT into traditional IT organizations. IT vendors and system integrators traditionally focus on infrastructure solutions for their customers, but with disruptors like cloud, mobility, analytics and social media, it is time for these companies to find new ways into relevance with their customers. IoT offers that potential, but it can require that a vendor / integrator take substantial risks in order to build out the appropriate competencies and offerings. azeti and Fast Lane reduce that risk dramatically.

azeti Networks is a global provider of IoT technology to a variety of verticals including telecommunications, oil and gas, manufacturing, finance and health-care. azeti's solution works in multiple IoT vendor solution stacks and helps businesses manage and monitor their complex infrastructures, enabling them to operate at the highest level of efficiency while maintaining operations continuity.

## IoT Program Development

### IoT Practice Builder Workshop (IOT-PB-WS)

- **IoT Practice Builder Workshop (IOT-PB-WS)**

azeti IoT Training Portfolio (typically customized for a particular IT vendor)

- Sales Enablement for Account Managers
- Sales Enablement for System Engineers
- Solutions Design
- Implementation Training for Field Engineers
- Implementation Training for Developers
- Operations & Maintenance Training
- Advanced Troubleshooting

More information:

[www.flane.com.pa/azeti](http://www.flane.com.pa/azeti)



# CompTIA Training



Fast Lane offers official CompTIA training and certification preparation. CompTIA is the leading provider of internationally recognized technology-neutral and vendor-neutral IT certifications and Fast Lane provides the CompTIA courses to get your IT career on the move and help you prepare for numerous CompTIA certifications, including A+, Network+ and Security+.

More information:  
[www.flane.com.pa/comptia](http://www.flane.com.pa/comptia)

## Cloud+

- Cloud Essentials (CLOUDE)

More information: [www.flane.com.pa/comptia](http://www.flane.com.pa/comptia)

## Network+

- Network+ (N260)

More information: [www.flane.com.pa/comptia](http://www.flane.com.pa/comptia)

## Security+

- CompTIA Security+ (SEC+)
- Advanced Security Practitioner CASP (CASP)

More information: [www.flane.com.pa/comptia](http://www.flane.com.pa/comptia)

## FORTINET TRAINING

# Fortinet Training



In cooperation with a Fortinet authorized partner we offer you the official curriculum of Fortinet. Fortinet is one the leading supplier with a broad product portfolio of ASIC-accelerated multifunction security solutions via switches and Wi-Fi access architectures today to authentication and reporting solutions. With these products, we help companies of all sizes to create their connectivity data center operators and service providers, and increase their security level.

More information:  
[www.flane.com.pa/fortinet](http://www.flane.com.pa/fortinet)

## Davra Sales Enablement Training

- FortiGate I - NSE 4 - The Administration, Content Inspection and SSL VPN, FortiOS Version 5.4.1 (SECI)
- FortiGate II - NSE 4 - The Secured Network Deployment and IPSec VPN course, FortiOS Version 5.4.1 (SECI)
- FortiAnalyzer Administration 5.2 (ADMIN)
- FortiManager Centralized Device Management 5.2 (MNGR)
- FortiWeb - NSE 6 - Web Application Firewall (WEB)

More information: [www.flane.com.pa/fortinet](http://www.flane.com.pa/fortinet)







# F5 Training

Fast Lane has partnered with leading providers of F5 Networks Training to bring you the largest available schedule of F5 courses.

Grow your knowledge and expertise, while advancing your career. Validate your technical capabilities and distinguish yourself as an IT professional by signing up for any of our F5-Networks training classes listed below.

More information:

[www.flane.com.pa/f5-networks](http://www.flane.com.pa/f5-networks)

## Local Traffic Manager

- Administering BIG-IP (LTMADMIN)
- Configuring BIG-IP LTM v12: Local Traffic Manager (LTMCONF)
- Developing iRules For BIG-IP v12 (DEVIRULE)
- Troubleshooting BIG-IP® LTM v11 Local Traffic Manager (BIG-TRBL-INT2)

More information: [www.flane.com.pa/f5-networks](http://www.flane.com.pa/f5-networks)

## Access Policy Manager

- Configuring BIG-IP APM: Access Policy Manager (APM)

More information: [www.flane.com.pa/f5-networks](http://www.flane.com.pa/f5-networks)

## Advanced Firewall Manager

- Configuring BIG-IP AFM v12 : Advanced Firewall Manager (AFM)

More information: [www.flane.com.pa/f5-networks](http://www.flane.com.pa/f5-networks)

## Application Acceleration Manager

- Configuring BIG-IP AAM: Application Acceleration Manager (BIGIPAAM)

More information: [www.flane.com.pa/f5-networks](http://www.flane.com.pa/f5-networks)

## Application Security Manager

- Configuring BIG-IP ASM v12: Application Security Manager (BIGIPASM)

More information: [www.flane.com.pa/f5-networks](http://www.flane.com.pa/f5-networks)

## Enterprise Manager

- Configuring Enterprise Manager V3 (CONG)

More information: [www.flane.com.pa/f5-networks](http://www.flane.com.pa/f5-networks)

## Viprion

- Configuring BIG-IP VIPRION v12 (BIGIPVPR)

More information: [www.flane.com.pa/f5-networks](http://www.flane.com.pa/f5-networks)

# (ISC)² Training



Your pursuit of an (ISC)² certification, the Gold Standard of information and application security credentials, depends on your access to the very best, very latest knowledge of the (ISC)² CBK.

More information:  
[www.flane.com.pa/isc2](http://www.flane.com.pa/isc2)

The (ISC)² CBK is a compendium of topics relevant to information security professionals around the world. The (ISC)² CBK is the accepted standard in the industry and continues to be updated to reflect the most current and relevant topics required to practice in the field.

As the creator and caretaker of the CBK, (ISC)² is uniquely qualified to bring you a comprehensive CBK Training Seminar to help you thoroughly understand your security knowledge. Official (ISC)² CBK Training Seminars are available in three different delivery methods and include:

- ✓ Official (ISC)² courseware
- ✓ Taught by an authorized (ISC)² instructor
- ✓ Student handbook
- ✓ Collaboration with classmates
- ✓ Real-world learning activities and scenarios

## Certified Secure Software Lifecycle Professional (CSSLP)

This official training seminar is your exclusive way to learn security best practices and industry standards for the software lifecycle – critical information to CSSLP. Through this program you will gain knowledge and learn how security should be built into each phase of the software lifecycle. It also details essential security measures that should take place, beginning with the requirement phase, through software specification and design, software testing and ultimately disposal.

More information: [www.flane.com.pa/isc2](http://www.flane.com.pa/isc2)



## Certified Information System Security Professional (CISSP)

The CISSP draws from a comprehensive, up-to-date, global common body of knowledge that ensures security leaders have a deep knowledge and understanding of new threats, technologies, regulations, standards, and practices. The CISSP exam tests one's competence in the 8 domains of the CISSP CBK, which cover: Security and Risk Management, Asset Security, Security Engineering, Communications and Network Security, Identity and Access Management, Security Assessment and Testing, Security Operations, Software Development Security.

More information: [www.flane.com.pa/isc2](http://www.flane.com.pa/isc2)



## Systems Security Certified Practitioner (SSCP)

The SSCP certification is the ideal credential for those with proven technical skills and practical, hands-on security knowledge in operational IT roles. It provides industry-leading confirmation of a practitioner's ability to implement, monitor and administer IT infrastructure in accordance with information security policies and procedures that ensure data confidentiality, integrity, and availability.

More information: [www.flane.com.pa/isc2](http://www.flane.com.pa/isc2)



## Certified Cloud Security Professional (CCSP)

The CCSP credential is designed for experienced information security professionals with at least five years of full-time IT experience, including three years of information security and at least one year of cloud security experience. The CCSP credential is suitable for mid-level to advanced professionals involved with IT architecture, web and cloud security engineering, information security, governance, risk and compliance, and even IT auditing.

More information: [www.flane.com.pa/isc2](http://www.flane.com.pa/isc2)



# Progress Training



Fast Lane is an authorized Education Partner of Progress in Latin America. We work closely to offer a comprehensive public calendar of the complete curriculum.

Select the courses authorized to register in a specific location or to join one of our virtual courses „Instructor-Led-Online (IOT)“. Fast Lane also offers private sessions of these training programs, either in their facilities or virtually to the participants of the course located in different locations.

More information:

[www.flane.com.pa/progress](http://www.flane.com.pa/progress)

## Progress Sitefinity Overview

Progress Sitefinity is a Content Management System (CMS) that facilitates the creation of personalized, cross-channel experiences using predictive analytics. Creating, editing, previewing and publishing content easily with the intuitive interface of Sitefinity edition. Sitefinity allows you to use a CMS as part of an integrated marketing strategy to get the most value from your website. Fast Lane is proud of its partnership with Progress as the first Sitefinity training developer!

## Sitefinity Training:

Sitefinity Training:

- **Advanced Sitefinity Development (ASFDEV)**



More information: [www.flane.com.pa/progress](http://www.flane.com.pa/progress)

# The Sip School Training



The Session Initiation Protocol (or SIP) has taken over the world of Telecommunications and can be found in VoIP telephones, IP based PBX systems, SIP telephone lines and now even Cloud based Unified Communication solutions. It's everywhere yet it's also a protocol that needs to be taken seriously and understood well in order for its full potential to be reached.

More information:

[www.flane.com.pa/the-sip-school](http://www.flane.com.pa/the-sip-school)

## Training Program Outlines

### SIP School Certified Associate – SSCA®

SIP training starts with the basics of SIP messaging and SIP Servers and moves on right through SIP Security, Firewalls, NAT, Testing & Troubleshooting, SIP Trunking, Enum, SIP in Unified Communications and finally SIP and Fax over IP.



Becoming a 'SIP School Certified Associate' or SSCA® proves to the world that you both understand the protocol called SIP and can work in the ever evolving world of Voice over IP. The SSCA® and associated courses are officially endorsed by many industry organizations and companies, including the Telecommunications Industry Association.

Passing the SSCA® Certification is also worth 16 CEC credits towards a Bicsi Certification

More information: [www.flane.com.pa/the-sip-school](http://www.flane.com.pa/the-sip-school)

### SIP Communications for Sales and Marketing Professionals - SSMP™

To effectively participate in the Unified Communications, Hosted PBX and SIP trunking boom, sales and marketing professionals need to understand the opportunities and techniques required to succeed.



This lively, clear and fully animated eLearning program has become the only place to learn about SIP and SIP Communication services prepared exclusively with the sales and marketing professional in mind.

This training is designed to suit anyone involved with the marketing or sales of UC, Hosted PBX and/or SIP trunking such as: Manufacturers of IP PBX and IP Phone equipment, SIP security manufacturers, SIP Trunk/Hosted PBX service providers and Carriers, Networking Design specialists, Sales and Management personnel working with VoIP equipment and services.

More information: [www.flane.com.pa/the-sip-school](http://www.flane.com.pa/the-sip-school)

### SIP School VVoIP Professional SSVVP™

This course will give delegates a good understanding of LANs, WANs and VVoIP (Voice and Video over IP). It is aimed at those who want to move into the world of VVoIP and require a solid foundation before attending any other manufacturers IP based equipment (Phone/PX/SBC etc.) courses, and ideal for those with a Data networking background who need to make a successful transition from TDM to VoIP.



The SSVVP™ exam is associated with the Networking 4 VVoIP training course and is worth 9 CEC Credits towards a Bicsi certification

More information: [www.flane.com.pa/the-sip-school](http://www.flane.com.pa/the-sip-school)

# The Sip School Training



## WebRTC School

WebRTC, which is also known as Web Real-Time-Communications, has two programs on offer: - the WebRTC Integrator and the WebRTC Developer.



More information: [www.flane.com.pa/the-sip-school](http://www.flane.com.pa/the-sip-school)

## WebRTC Integrator training + on-line WSQI™ certification test

For those needing to understand the underlying infrastructure that helps to make the WebRTC 'magic' happen - covering protocols, media flows, signalling, NAT traversal techniques and security plus various use case scenarios this program can be taken as a standalone course or used to complement the Developer program



More information: [www.flane.com.pa/the-sip-school](http://www.flane.com.pa/the-sip-school)

## WebRTC School Qualified Developer (WSQD™)

The Developer program is ideal for those looking to understand WebRTC but with a special focus on learning how to build WebRTC applications.



More information: [www.flane.com.pa/the-sip-school](http://www.flane.com.pa/the-sip-school)

SIP is still quite new and a lot of people will need to learn all about Data networking to make a successful transition from TDM to Voice and Video over IP. This course covers all you need to get started and is a great foundation for the SSCA® SIP certification program. It also includes a section on IPv6, the next generation of networking.

Each course is designed to give technical users the confidence to use the VOSS technology effectively. The delivery method is a combination of interactive discussion, lab exercises, real-life scenarios, presentations slides, as well as demonstrations of specific functions as applicable. Each course consists of multiple modules. These modules can be tailored to suit specific needs; for example modules can be added or removed, or a particular module can be looked at in greater detail as required.

More information:  
[www.flane.com.pa/voss](http://www.flane.com.pa/voss)

Our VOSS training provides information about these various options and functions, as well as a lot of best practice recommendations and suggestions, based on our extensive experience of real life deployments.

### The courses have these key objectives:

- ✓ Provide you with information which will be useful, and allow you to utilize it for you current deployment
- ✓ Offer business – as well as technical – suggestions and use cases for operational and process considerations, when deploying the system for a customer
- ✓ Present features, functionality and options for configuration which may be beyond the current customer requirements, but which may be needed in future deployments

While the training structure is standard and not specific to any customer, the courses include real life customer examples and use cases. Additionally, as part of the preparation for every course, the trainer will gather information about the specific customer(s) implementation, and will use this knowledge to adapt the examples and discussions in the course

### Voss CUCDM

- CUCDM 10.x Engineer Training (VCUCDM10E)
- CUCDM 8.x Admin Training (VCUCDM8A)
- CUCDM 8.x Engineer Training (VCUCDM8E)

More information: [www.flane.com.pa/voss](http://www.flane.com.pa/voss)



As an authorized Oracle Education Center, we offer you the official curriculum of Oracle University. We are happy to carry out the Oracle trainings in your local company for you.

More information:  
[www.flane.com.pa/oracle](http://www.flane.com.pa/oracle)

## Oracle Cloud Training

### Oracle Cloud

- Oracle Coherence 12c: New Features (D80864)
- Oracle Service Cloud (RightNow) Administration (D86614)
- Oracle HCM Cloud: Benefits (D88693)
- Oracle HCM Cloud: Compensation (D88697)
- Oracle HCM Cloud: Security (D88709)
- Oracle HCM Cloud: US Payroll (D88725)
- Oracle HCM Cloud: Profile, Goal, and Performance Management (D96201)
- Oracle Project Portfolio Management Cloud: Project Execution Management Functional Setup (D89253)
- Oracle Database Cloud for Oracle DBAs (D96069)
- Oracle Database Cloud for Oracle DBAs (D99336)
- Introduction to Oracle Project Portfolio Management Cloud (D96083)
- Oracle Financials Cloud: Enterprise Structures with General Ledger Implementation (D96139)
- Oracle Financials Cloud: Expenses Fundamentals (D96143)
- Oracle Financials Cloud: Financials Reporting (D96147)
- Oracle Financials Cloud: Payables to Cash Management Implementation (D96151)
- Oracle Financials Cloud: Receivables to Collections Implementation (D96155)
- Oracle Financials Cloud: Using General Ledger (D96163)
- Introduction to Oracle Financials Cloud (D96356)
- Oracle Financials Cloud: Administration Essentials (D96456)
- Introduction to Oracle SCM Cloud: Manufacturing (D96376)
- Oracle SCM Cloud: Manufacturing Foundation (D96233)
- Oracle SCM Cloud: Order Management and Fulfillment Cloud Implementation (D96237)
- Oracle SCM Cloud: Planning Central Implementation (D96241)
- Oracle SCM Cloud: Product Hub Implementation (D96320)
- Oracle Service Cloud Integration for Developers (D96332)
- Oracle Project Portfolio Management Cloud: Project Financial Management Functional Setup (D96500)
- Cloud Services Administration (D96913)
- Introduction to DevOps on Oracle Cloud (D96917)
- Oracle Cloud Applications: Security Overview (D98011)
- Oracle Private Cloud Appliance: Administration (D94331)
- Introduction to Oracle Procurement Cloud (D96364)
- Oracle Procurement Cloud: New Features for Rel 11 (D96412)
- Introduction to Oracle Sales Cloud (D96396)
- Oracle Sales Cloud: Sales Analytics (D96520)
- Oracle Sales Cloud: Analytics (D99427)
- Oracle Sales Cloud: Import and Export (D99439)
- Introduction to Oracle Service Cloud (D96524)
- Oracle Sales Cloud Implementation (D99435)
- Business Intelligence on Oracle Cloud (D96909)
- S Oracle SCM Cloud: New Features (D98054)
- Fusion Applications: Accounting Hub Fundamentals (D96071)

More information: [www.flane.com.pa/oracle](http://www.flane.com.pa/oracle)

### CPQ Cloud

- Using Oracle CPQ Cloud (D96925)
- Oracle CPQ Cloud Yellow Belt Rel 2016 R1 (D96985)
- Oracle CPQ Cloud Blue Belt Rel 16 R1 (D97717)
- Oracle CPQ Cloud New Features 2016 R2 (D97095)

More information: [www.flane.com.pa/oracle](http://www.flane.com.pa/oracle)

### Taleo

- Taleo (TEE): Essentials of Recruiting Configuration (REC-SA101) (D77562)
- Taleo (TEE): Advanced Recruiting Configuration (REC-SA201) (D77550)
- Taleo (TEE): Taleo ACE System Administrator - Recruiting (D78469)
- Taleo (TEE): Foundations of Oracle Business Intelligence for Taleo Enterprise (OBI-RP101) (D84520)
- Taleo (TBE): Recruit Essentials (D85677)

More information: [www.flane.com.pa/oracle](http://www.flane.com.pa/oracle)

# Best Practices Training



Fast Lane offers professional training on any topic, **Scrum, ITIL, PMI, and many other vendors.**

We optimally prepare you for your certification and help your projects efficiently and successfully.

In Partnership with ITpreneurs we offer you the official Best Practices curriculum.

More information:

[www.flane.com.pa/itpreneurs](http://www.flane.com.pa/itpreneurs)

## ITIL Training

- ITIL® Operational Support and Analysis Capability Course (OSAC)
- ITIL® Planning, Protection, and Optimization Capability Course (PPO)
- ITIL® Release, Control, and Validation Capability Course (RCV)
- ITIL® Service Offerings and Agreements Capability Course (SOA)
- ITIL® Service Design Lifecycle Course (SD)
- Blended ITIL® Operational Support and Analysis Capability Course (OSABL)
- Blended ITIL® Release, Control, and Validation Capability Course (RCVBL)
- ITIL® Continual Service Improvement Classroom Blended (ITILCSIBL)
- ITIL® Foundation (ITILF)
- ITIL Foundation Plus Cloud Introduction (FPCI)
- ITIL Service Strategy Lifecycle Course (SS)
- ITIL® Service Design (ITILSD)

- ITIL® Service Operation Lifecycle Course (SO)
- ITIL® Service Transition Lifecycle Course (ST)

- Blended ITIL® Managing

Across the Lifecycle Course (MALCBL)

- ITIL® Continual Service Improvement Classroom Blended (ITILCSIBL)
- Blended ITIL® Service Strategy Lifecycle Course (SSBL)
- Blended ITIL® Service Operation Lifecycle Course (SOBL)
- Blended ITIL® Service Transition Lifecycle Course (STBL)
- DevOps® Foundation (DOF)
- Professional Cloud Developer (PCD)
- Professional Cloud Security Manager (PCSM)
- Cloud Technology Associate (CTA)



More information: [www.flane.com.pa/itpreneurs](http://www.flane.com.pa/itpreneurs)

## PRINCE2® Training

- PRINCE 2 Foundation (PRINCE2F)
- PRINCE2® Practitioner (PRINCE2P)

More information: [www.flane.com.pa/itpreneurs](http://www.flane.com.pa/itpreneurs)



## COBIT Training

- Introducción a Cobit 4.1 (COB4)
- COBIT®5 Foundation (COBIT5F)
- COBIT® 5 Assessor Course (COBIT5A)
- COBIT 5 Implementation Course (COBIT5IC)

More information: [www.flane.com.pa/itpreneurs](http://www.flane.com.pa/itpreneurs)



## TOGAF Training

Fast Lane can help you organized accredited TOGAF courses through our partnership with ITpreneurs. This will help your participants understand the TOGAF methodology and how to effectively apply it within their own organization.

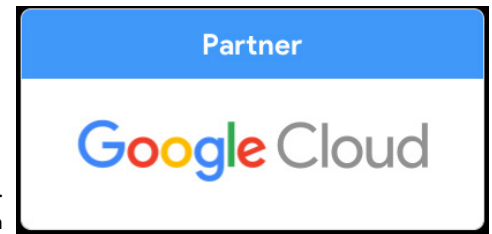
More information: [www.flane.com.pa/itpreneurs](http://www.flane.com.pa/itpreneurs)





# Google Cloud Training

Fast Lane offers the full range of Google Cloud training, from entry-level to high-end specialist courses. We offer specialized learning paths for Data and Machine Learning, Cloud Infrastructure and Application Development.



More information:  
[www.flane.com.pa/google](http://www.flane.com.pa/google)

## Google Cloud Training

- Architecting with Google Cloud Platform: Design and Process (AGCP-DP)
- Architecting with Google Cloud Platform: Infrastructure (AGCPI)
- Developing Applications with Google Cloud Platform (DAGCP)
- Data Engineering on Google Cloud Platform (DEGCP)
- From Data to Insights with Google Cloud Platform (DIGCP)
- Google Cloud Certification Workshop: Cloud Architect (GCCW-CA)
- Google Cloud Certification Workshop: Data Engineer (GCCW-DE)
- Google Cloud Fundamentals: Big Data and Machine Learning (GCF-BDM)
- Google Cloud Fundamentals: Core Infrastructure (GCF-CI)
- Google Cloud Platform Launchpad (GCPL)

More information: [www.flane.com.pa/google](http://www.flane.com.pa/google)



**Fast Lane**





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