Fast Lane

Advanced IT Training

Authorized VMware &
Fast Lane Virtualization Courses

www.FastLaneUS.com

2012

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INDC Institute for Networking & Data Center Technologies

ubuntu training partner

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Microsoft GOLD CERTIFIED Partner Learning Solutions

GSA Schedule Contract GS-35F-0341X

Fast Lane, with locations and partners in more than 60 countries, has been providing advanced technology training and consulting since 2002. We offer multiple solutions to our customers and partners in the areas of training delivery, education consulting, content development and managed services.

Our instructors, located around the globe, are real world practitioners of advanced technologies and not only teach in the classroom, in your local language, but also regularly provide consulting services.

Fast Lane partners with important technology vendors to ensure you have access to the most comprehensive and effective training programs available today. We are the only training provider authorized on a worldwide basis by Cisco®, NetApp® and VMware®.

Fast Lane recognizes that people learn in different ways and has created training programs that reflect this multi-disciplinary approach. Programs include some or all of the following features and benefits:

- Accelerated learning methodologies that save time and money while increasing knowledge retention and pass rates.

- You come to class for training and certification, but leave with more—real IT and security experts lead the class, solving real business problems in-class.

- Expert mentoring included for specific classes and pre and post class assistance to ensure your success.

Delivery Methods

Fast Lane offers several methods for course delivery. We provide our world class training in most major metro areas. We also provide online virtual classrooms that allow you to conserve valuable travel time and funding. Our private onsite training can be customized for your needs and delivered at your location.

We offer a robust GTR - Guaranteed to Run™ schedule, so you can enroll with confidence.

You will notice the following icons used in our course schedules on our website and throughout this catalog:

ILT - Instructor-Led Classroom Training

ILT sessions are conducted in a physical classroom environment.

ILO - Instructor-Led Online Training

ILO sessions are conducted via WebEx™ in a VoIP environment, and require an internet connection and a headset with a microphone connected to your computer or laptop.

FLEX Classroom™ - Combined ILT & ILO

FLEX Classroom sessions are delivered via ILO and ILT giving you the ultimate flexibility.

Private Onsite Training

We can customize our award winning training and deliver to you via any of our methods.

GTR - Guaranteed to Run™

With our GTR classes, you won't have to worry about rescheduling your training. No matter how many students are enrolled, we will run the class, guaranteed.

Fast Lane For VCP Success

Fast Lane goes the extra mile to help you achieve your VCP Certification. Beyond delivering the courses in both ILO and ILT, all students of our vSphere Install, Configure, Manage or VMware vSphere 5 Fast Track Boot Camp courses receive:

✔ Voucher for the VCP certification

✔ Expert Mentor Support before and after class

✔ Access to pre-class Assessments via the Fast Lane Community Site

✔ Access to the Learning Center VCP Portal

✔ Access to online Forums for VCP Preparation moderated by VCP Certification experts

✔ Optional post-class lab access (daily rental)

✔ Additional exam prep lab exercises, tailored for your exam success

✔ VCP exam prep guide

Role Based Training - The Right Training Based on Job Role and Environment

Fast Lane recommends the following course tracks to support these specific job roles:

System Administrator:
Option 1: vSphere 5: Install, Configure, Manage (VICM): 5 days, meets VCP Certification training requirement.
                              or
Option 2: vSphere 5: What´s New (VIWN): 2 days, Meets VCP Certification training requirement, assumes you have attended VICM 4.0.
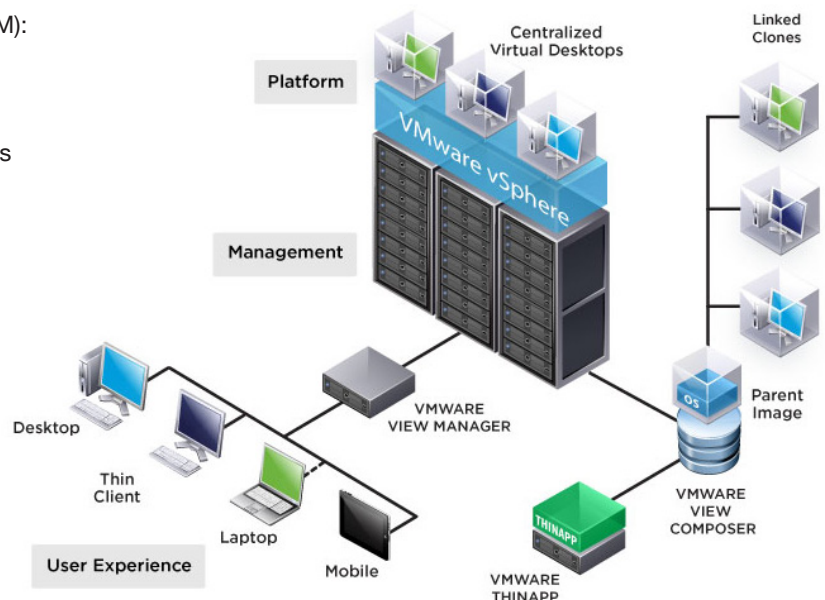
(Virtual) Network / Data Center Engineer:
- vSphere: Troubleshooting (VSTS)
- vSphere: Manage Scalability (VMS)
- vSphere: Manage Availability (VMA)
- vSphere: Manage for Performance (VMP)
- FlexPod for VMware Essentials (FPVE)
- FlexPod for VMWare Administration (FPVA)
- vSphere on NetApp (VVNA)

Infrastructure / Data Center Architect:
- vSphere: Design Workshop (Version 5.0 (VDW)
- vCloud: Architecting the VMware Cloud (AVC)
- FlexPod for VMware Design and Implementation (FPVI)

Security Administrators/Engineers:
- vSphere 4: Manage and Design for Security (VMDS)
- VMware Site Recovery Manager (VSRM)
- Implementing Enhanced Secure Multi-tenancy Solutions (IESMT)

vSphere 5: Install Configure Manage (VICM) $3,495 - 5 days - Type: Hands On

Delivery Methods:

OVERVIEW
This fundamental course explores installation, configuration, and management of VMware vSphere, which consists of VMware ESXi and vCenter Server.

WHO SHOULD ATTEND
VCP Candidates, systems administrators, engineers and operators responsible for ESXi and vCenter Server

THE FAST LANE DIFFERENCE
This hand on course includes a free exam voucher, access to our VCP prep portal that includes assessments, access to exam success lab guides.

COURSE OBJECTIVES
After attending this course, you will be able to:
- Install and configure ESXi and vCenter Server components
- Configure and manage ESXi networking and storage
- Deploy, manage and migrate virtual machines
- Manage user access to the VMware infrastructure
- Use vCenter Server to monitor resource usage
- Use vCenter Server to increase scalability and High Availability
- Use VMware vCenter Update Manager to apply patches

vSphere 5: Fast Track Boot Camp (VVFT) $5,495 - 5 days - Type: Hands On

Delivery Methods:

OVERVIEW
This rigorous course is a combination of the VICM course with 14 hours of additional content including Enterprise Plus features, host profiles and distributed vSwitches.

WHO SHOULD ATTEND
Experienced vSphere operators wanting VCP certification

THE FAST LANE DIFFERENCE
This extended hours course (50 total training hours) covers all you need to know for VCP Certification, a free exam voucher and access to our VCP Prep Portal, loaded with assessments and additional exam success lab guides.

COURSE OBJECTIVES
After attending this course, you will be able to:
- Configure and manage ESXi networking and storage
- Create, configure, migrate, manage, convert and monitor virtual machines and virtual appliances
- Manage user access to the virtual infrastructure
- Use vCenter Server to monitor resource usage
- Scale the vSphere virtual infrastructure
- Implement business continuity solutions
- Manage changes to the vSphere environment
- Use a command line interface to manage vSphere
- Install and configure ESXi and vCenter Server
- Use vSphere Auto Deploy to provision ESXi hosts

vSphere: What's New (VIWN) $1,495 - 2 days - Type: Hands On

Delivery Methods:

OVERVIEW
This essential course covers the methodology for designing a VMware VIEW solution for the VMware vSphere infrastructure.

WHO SHOULD ATTEND
IT professionals that have taken the VICM and VIEW courses, or have the equivalent experience

THE FAST LANE DIFFERENCE
Our instructors take pride in bringing their consulting experience into the class, focusing on real-world examples.

COURSE OBJECTIVES
After attending this course, you will be able to:
- Upgrade VMware deployments
- Deploy distributed virtual switches
- Migrate virtual machines' storage with Storage vMotion
- Grow virtual disks and VMFS volumes while live
- Understand VMware's new Pluggable Storage Architecture
- Use application availability with VMware Fault Tolerance
- Manage multiple vCenter Servers from the same client
- Use new host profiles feature to configure hosts

vCloud: Overview (VCO) — $795 - 1 day - Type: Hands On

Delivery Methods:

OVERVIEW
In this course, focused on enterprise private clouds, you will learn how to support moving to a hybrid or public cloud. With our hands-on labs, you will learn how IT resources are delivered and consumed in a vCloud environment.

WHO SHOULD ATTEND
vSphere operators wanting to ramp up on vCloud

THE FAST LANE DIFFERENCE
Our instructors bring real vCloud deployment experience into class, with experience across both private and public sectors.

COURSE OBJECTIVES
After attending this course, you will be able to:
- Understand the functionality and benefits of the vCloud solution
- Understand how cloud computing benefits both IT departments and their end users
- Understand how the VMware product portfolio supports the cloud computing approach
- Understand how IT resources are delivered, consumed, metered and secured in a vCloud environment

vCloud: Architecting the Cloud (AVC) — $2,395 - 3 days - Type: Lecture/Case Study

Delivery Methods:

OVERVIEW
This unique course guides students through the decision points and policy choices available for designing and implementing a VMware vCloud environment.

WHO SHOULD ATTEND
Sales partners, customers, consultants, and sales engineers who are responsible for designing public and private cloud architectures with VMware products

THE FAST LANE DIFFERENCE
We leverage our extensive experience with virtualized data center infrastructures to help you architect a scalable Cloud.

COURSE OBJECTIVES
After attending this course, you will be able to:
- Evaluate and design a multitenant environment to address both private cloud and public cloud customer needs
- Configure vCloud providers that can accommodate heterogeneous server, storage and network resources
- Design a network infrastructure optimized for vCloud
- Integrate vCloud Director security with existing LDAP systems and design appropriate security hierarchies with security roles
- Design a vCenter chargeback implementation

vSphere 4: Manage Design for Security (VMDS) — $2,475 - 3 days - Type: Hands On

Delivery Methods:

OVERVIEW
This exciting course covers best practices for secure design, deployment and operation. Gain the knowledge and skills necessary to defend your virtual infrastructure from attack.

WHO SHOULD ATTEND
IT and security professionals

THE FAST LANE DIFFERENCE
Fast Lane has developed several data center and virtualization courses focused on security.

COURSE OBJECTIVES
After attending this course, you will be able to:
- Identify vulnerabilities in the current design of a vSphere environment and recommend corrective actions
- Harden vSphere components as described in vSphere Hardening Guide
- Recommend configuration and change management policies, processes and systems

vSphere: Manage Scalability (VMS) — $795 - 1 day - Type: Hands On

Delivery Methods:

OVERVIEW
This hands on course equips systems administrators with the knowledge, skills and abilities to achieve competence in building and running a scalable VMware vSphere 4 virtual infrastructure.

WHO SHOULD ATTEND
vSphere operators and systems administrators who need to build scalability into their existing VMware vSphere deployments

THE FAST LANE DIFFERENCE
Fast Lane gives you hands on experience to prepare you to design a virtual environment with scalability in mind.

COURSE OBJECTIVES
After attending this course, you will be able to:
- Save disk space by thin-provisioning virtual machines
- Use Host Profiles to keep ESX/ESXi hosts uniformly configured and manage configuration compliance
- Configure VMware DRS clusters with non-default options
- Configure VMware Distributed Power Management
- Manage more than one vCenter Server from the same vSphere Client with VMware vCenter Linked Mode

vSphere: Manage Availability (VMA) — $795 - 1 day - Type: Hands On

Delivery Methods:

OVERVIEW
This one day course equips virtualization professionals with the knowledge, skills and abilities to ensure availability of their vSphere infrastructure.

WHO SHOULD ATTEND
vSphere operators who want to ensure the availability of their existing VMware vSphere deployments

THE FAST LANE DIFFERENCE
Our instructors offer clear guidance on how to build a highly available, fault tolerant vSphere infrastructure.

COURSE OBJECTIVES
After attending this course, you will be able to:
- List the components of business continuity
- Describe Microsoft Windows 2003 and 2008 cluster configurations
- Configure a VMware High Availability (HA) cluster using non-default options
- Deploy fault-tolerant virtual machines using VMware Fault Tolerance (FT)
- Deploy VMware vCenter Server Heartbeat

vSphere: Manage for Performance (VMP) — $2,475 - 3 days - Type: Hands On

Delivery Methods:

OVERVIEW
This key course provides the knowledge and skills necessary to make fundamental design decisions that enhance performance in already-deployed vSphere installations.

WHO SHOULD ATTEND
vSphere operators who want to enhance the performance of their existing VMware vSphere deployments

THE FAST LANE DIFFERENCE
This hands on course focuses on building your skills on troubleshooting complex performance issues, including application performance on virtual infrastructures.

COURSE OBJECTIVES
After attending this course, you will be able to:
- Explain the performance impact of using different monitor modes
- Use vSphere tools to monitor the performance of ESX/ESXi hosts
- Diagnose performance problems relating to CPU, memory, network and storage on an ESX/ESXi host
- Discuss how to achieve an optimal virtual machine configuration
- Discuss guidelines for monitoring application performance

VIEW: Install Configure Manage V5 (VIEW) — $2,995 - 4 days - Type: Hands On

Delivery Methods:

OVERVIEW
This comprehensive four day hands on course teaches you all you need to install, configure and manage your virtual desktop infrastructure. VIEW also prepares you for VMware Certified Associate 4–Desktop (VCA4-DT) Certification.

WHO SHOULD ATTEND
Systems administrators experienced with VMware Infrastructure and are responsible for their organization's deployment of VMware for virtual desktop infrastructure

THE FAST LANE DIFFERENCE
Learn how the latest version of VMware VIEW works with iPads and Android Tablets.

COURSE OBJECTIVES
After attending this course, you will be able to:
- Install and configure VIEW components
- Create and manage dedicated and floating desktop pools
- Deploy and manage linked-clone virtual desktops
- Configure user profiles with VIEW Persona Management
- Configure and manage desktops that run in local mode
- Secure access to desktops through a public network
- Use ThinApp to package applications

VIEW: Desktop Fast Track V4.5 (VIEWFT) — $4,495 - 5 days - Type: Hands On

Delivery Methods:

OVERVIEW
This intensive course provides the knowledge and skills to virtualize Windows applications with ThinApp and to choose the best desktop virtualization infrastructure for your environment.

WHO SHOULD ATTEND
Experienced vSphere operators (VCP preferred)

THE FAST LANE DIFFERENCE
This extended hours course (50 total training hours) covers all you need to know for the VMware Certified Associate-Desktop (VCA-DT) exam and includes a free exam voucher.

COURSE OBJECTIVES
After attending this course, you will be able to:
- Install and configure VIEW components
- Create and manage dedicated/floating desktop pools
- Deploy and manage linked-clone virtual desktops
- Configure and manage desktops in local mode
- Configure secure access to desktops
- Use ThinApp, Application Link and Application Sync
- Troubleshoot problems with ThinApp packages
- Identify design goals, requirements and constraints
- Construct a comprehensive VIEW solution

VIEW: Design Best Practices (VVD) — $1,495 - 2 days - Type: Hands On

Delivery Methods:

OVERVIEW
This unique course covers best practices for secure design, deployment, and operation. Gain the knowledge and skills necessary to defend your virtual infrastructure from attack.

WHO SHOULD ATTEND
IT Professionals and security professionals

THE FAST LANE DIFFERENCE
Fast Lane has developed several data center and virtualization courses focused on security.

COURSE OBJECTIVES
After attending this course, you will be able to:
- Identify design goals, requirements, and constraints
- Identify information that is required for design decisions
- Identify best-practice recommendations per situation
- Use the recommended design process
- Analyze design choices for vSphere and VIEW Manager infrastructure, View desktop options, Network infrastructure, Client access devices, and End-user management

Fast Lane

Fast Lane Company Information

Why Come to Fast Lane to Become a Virtualization Expert?

Fast Lane is a worldwide provider of authorized curricula from VMware, Cisco, NetApp and several other vendors with a focus on Advanced and Emerging technologies.

What makes Fast Lane different is a global training force of highly skilled instructors that maintain their own consulting practices, allowing them to bring their real-life experiences into the classroom. Fast Lane takes pride in our curriculum development with dozens of new courses covering VMware and virtualization, security, network infrastructure optimization and virtualized data center design.

Visit www.FastLaneUS.com/new-courses to learn more about our new course selections.

If you do not see the class you need, we want to hear from you. Email us your request at: newcourserequest@fastlaneus.com.

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2012 EMEA WINNER

The Fast Lane Difference

✓ **Trained and helped certify over thousands of VCPs worldwide**

✓ **Developed 25 unique courses on the subject of virtualized data center**

✓ **Cross-certified instructors that have the highest level certifications in VMware, Cisco, Microsoft, NetApp and other vendors**

✓ **VMware classes offered in multiple delivery methods: ILT, ILO, Onsite, and Flex Classroom™,**

✓ **Authorized VMware training locations in more than 20 countries**

✓ **Over $40 million in lab investments supporting training on virtualized data center and more**

✓ **Regularly scheduled GTR - Guaranteed to Run™ courses makes enrollment easy**

Contact Information & Resources

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Learn more about our GTR - Guaranteed to Run™ courses and schedule:
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www.FastLane-Community.com
This Fast Lane Community Site features pre-assessment tests for our courses, news, brochures and announcements regarding new courses and certification updates.