

Essentials of Network Monitoring and Analysis

Course: ACAD-102-ILT

A two-day course covering configuration, network monitoring and analysis with the OptiView® Portable Network Analyzer, OptiView Reporter and ClearSight™ Analyzer

The Essentials of Network Monitoring and Analysis course delivers two days of hands-on exercises designed to take your monitoring and troubleshooting processes to new levels. Teaching real-world troubleshooting techniques and using tools such as the OptiView Portable Network Analyzer, ClearSight Analyzer, OptiView Management Appliance and OptiView Reporter, students will learn how to approach network monitoring, troubleshooting and documentation to identify problems on their networks and achieve real performance improvements. All skills are reinforced through hands-on exercises and a feature called “Try This Now!”, brief exercises that run through the entire course to enhance skills and concepts.

Participants learn how to:

- Configure OptiView Portable Network Analyzer
- Test and troubleshoot common network problems
- Manage and optimize network performance
- Do packet capture and analysis
- Troubleshoot application performance

Required prerequisites:

- Students must have a working knowledge of LAN technologies and topologies
- Basic router and switch technologies

Who should attend:

Network engineers and technicians who are tasked with network troubleshooting and protocol analysis.



For More information:

Contact your local Fluke Networks Sales representative, email us at academy@flukenetworks.com or register online at www.flukenetworks.com/training

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Course Agenda

Day 1

- Connecting your OptiView Portable Analyzer to the network
 - Physical features
 - Use of connections and slots
 - OptiView Navigation
 - Network configuration
- Network Validation
 - New Servers
 - New Switches
 - VoIP Phones
 - Workstations
- Network Management
 - Discovering devices on the network
 - Mapping device connectivity
 - Monitoring critical services
 - Identifying switch ports with errors
 - Discovering and locating IPv6 devices

Day 2

- Network Optimization
 - Monitoring bandwidth utilization
 - Determining which devices are using the most bandwidth
- Network Security
 - Scanning routers and servers for open ports
 - Monitoring inbound and outbound conversations
- Solving Specific Network Problems
 - No connectivity
 - Slow network connection
 - Unable to access service on server
 - Lots more
- Packet Capture and Analysis
 - Analyzer Placement
 - Using the Portable Network Analyzer to capture packets
 - Free String Match filtering
 - Using triggers to start and stop the trace
 - View and analyze the trace in the ClearSight Analyzer

Sign-up today at
www.flukenetworks.com/training

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