

Fluke Networks™ 660 Frame Relay Assistant I&M Course



NetForce Solutions, Inc.
17281 Simmons Road
Purcellville, VA 20132

phone (540) 338-5824
fax (509) 757-1661

info@netforcesolutions.com

www.netforcesolutions.com

Course Length	Two (2) days
Course Code	NFSFRA1
Course Title:	Frame Relay I&M Course
Prerequisites	None, however an Introduction to Data technologies course is extremely helpful.
Course Overview:	This course gives an overview of Frame Relay technology and standards as well as enables hands-on practice and exercises. All Frame Relay equipment interfaces and service parameters are also discussed.

*** This course can be customized or combined to meet specific system requirements ***

Course Outline

Product Overview

- Hardware Overview
- Graphical Display
- Buttons
- Connectors
- Battery
- Cables



Industry Overview

- Trends
- Drivers

Packet-Based Technologies

- Overview
- Drivers
- Market
- Comparison to other technologies

OSI Model

- Purposes
- Layers
- LAN vs. WAN
- Packets, Frames, and Cells
- Addressing/Routing
- Point-to-Point and Layer 2

Frame Relay Overview

- Market
- Advantages
- Comparison to other technologies

Frame Relay Applications

Frame Relay Basics

- Frame format
- Interfaces
- Addressing (DLCI)
- Dealing with Congestion
- Link Management (LMI)
- Frame Relay Equipment
- Frame Relay Networks

Service Parameters

- CIR
- Bc
- Be
- Service Level Agreements (SLA)

Frame Relay Maintenance

- Testing concepts
- Common Problems
- Physical Layer Testing
- Verifying LMI
- In Service Monitoring
- Out-of-Service Testing
- Percent of reliability



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