EDUCATION SERVICES

Aviat
NETWORKS

CTR8583 L2 Installation, Operation and Maintenance
VILT Course
TRN-CTR8583-VIL-A/B/D

Course Specifics

Duration:	6 Virtual sessions 2-3 hours each
Class capacity:	8 students
Delivery format:	Virtual Instructor Led
Materials provided:	Student Handbook (e-Book)

Course Description

The CTR 8500/8300 is the industry's first microwave router. It is a fully integrated microwave networking solution, delivering a unique combination of high capacity all-packet transport, Carrier Ethernet, IP/MPLS and PWE services and comprehensive mission critical microwave features. The CTR is purpose-built for microwave, enabling operators to prepare for the all-IP future.

The CTR8500/8300 Installation, Operation and Maintenance course teaches students key functions of the CTR8500/8300 platform. The course includes an overview of all available modules and the chassis, initial setup, install and login, basic configuration with the CLI, system commissioning, configuration, diagnostics, maintenance and troubleshooting. Extensive hands-on labs (nearly 50% of the course duration) and case studies offer students with scenarios they will face in real deployments in their networks.

Courses are conducted by AVIAT expert trainers in a mentoring environment backed by their deep technology expertise and experience in implementation of microwave wireless and IP networks.

The CTR 8500/8300 Installation, Operation and Maintenance course is conducted at the Aviat Training locations or can be arranged at customer sites.

Target Audience

This course is intended for installation and service personnel responsible for installation, configuration, test and maintenance procedures for the CTR 8500/8300 platform.

Prerequisites

1.   Participants must complete CTR 8500/8300 System Overview e-learning course.

2.   Participants should have a basic understanding of Electronics, Telecommunications and IP Fundamentals and have basic computer skills.

3.   Each student must have an IBM compatible laptop PC and have administrator rights on the PC (to allow installation of the Portal craft tool).

The PC must have minimum parameters of:
- Pentium 4 or later w/ 1GB of RAM and 250 Mb of free hard drive space
- Microsoft Windows XP, Vista, or Windows 7
- USB Port
- Network card (LAN Port)
- DB9 serial port connection or adapter (optional)

EDUCATION SERVICES

Objectives

Upon successfully completing this course, participants will be able to:

- Basic installation and configuration of CTR 8500/8300 equipment
- Provisioning of features such as Management, RF Links, Ethernet VLANs, QoS, and Link Aggregation
- Basic diagnostics, troubleshooting and preventive maintenance for CTR 8500/8300

Key Features:

- Session will be conducted by an Aviat Certified Trainer
- Multiple sessions of 2- or 3-hours maximum depending on the course curriculum & standard duration
- Realtime video conference sessions to be scheduled according to your availability
- Maximum 8 students per WebEx session
- Trainer will have direct access to equipment setup in a lab environment for demonstration
- Realtime equipment configuration demonstration from the trainer
- All students will have real-time video interaction with trainer for question and answers
- All students will receive Certificate of Completion
- Post Virtual Classroom Support: 2- hours consulting and remote support- per case basis.

Course Outline

- Product Theory and Presentation
- Functionality, Features, and How to Configure
- Commissioning and Maintenance
- Equipment Lab Access Using Remote Lab Connection
- Question and Answers

Session Requirements:

- Internet Access
- All students need an IBM (Windows) computer and they need administrative rights.

There are 3 programs students need to run and they will need administrative rights to install these 3 programs.

1.   WebEx, they will need to run WebEx to do the VILT. This can surely be done on a non-Widows computer such as a Mac, but they will need to have administrative rights to install it. This is the absolute minimum to do VILT.

2.   Pulse Secure, to do labs they will need to install the Pulse Secure VPN client to connect to our San Antonio lab. The software we give them for this is Windows based so they will need a Windows computer with administrative rights to install and run this.

3.   Portal, they will need to install Portal to do the labs once connected to the VPN. Portal is also Windows based, so they will need the Windows computer with administrative rights.

EDUCATION SERVICES

Pricing & Scheduling

Please contact your Aviat local sales team for a quote or email aviatcareeducate@aviatnet.com and request pricing.

TRN-CTR8583-VIL-A   CTR 8540/8300: INSTALLATION, OPERATION AND MAINTENANCE, - VIRTUAL INSTRUCTOR LED TRAINING - PRICE PER STUDENT

TRN-CTR8583-VIL-B   CTR 8540/8300: INSTALLATION, OPERATION, AND MAINTENANCE – VIRTUAL INSTRUCTOR LED TRAINING – 8 STUDENTS MAX