
Aviat Network Associate Certification

TRN-ANA-TRACK-X

Course Specifics

Duration:	Self-paced e-learning (~7hours)
Delivery Format	E-Learning



Online Training

Course Description

The **Aviat Networks ANA Certification covers the foundation technology and product knowledge for the AviatCARE Certification program.** It consists of eLearning courses and additional KB articles. All exams are part of the completion criteria and are included as part of the learning course. On completion of all courses, student will be certified as Aviat Networks Associate (ANA).

Target Audience

This course is intended for individuals requiring foundational knowledge of microwave and IP technologies and Aviat WTM CTR and Eclipse platform and related radio equipment.

Prerequisites

- No technical knowledge prerequisites are needed.
- PC with Internet access, Internet browser software, access and subscription to AviatCare LMS.

Objectives

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

- Demonstrates basic knowledge of Microwave, RF and IP technologies, some familiarity of Aviat products, namely Eclipse, CTR, WTM platform and Provision NMS.

Course Outline

Course content subject to change. Revisions of Certification course content are based on introduction of new and enhanced products and technologies.

- Aviat Cloud: How to Access the AviatCare Support Options
- Basic Microwave Theory eLearning
- Basic Networking and IP Routing eLearning
- System Overview CTR8540/8300 eLearning
- System Overview CTR8740 eLearning
- System Overview Eclipse eLearning
- System Overview WTM4000 eLearning
- Provision v7.0 Overview
- Provision Plus Overview
- Exams after each learning course

Aviat Cloud: How to Access the AviatCare Support Options

The AviatCare Support Portal allows you to create, submit and track all technical support tickets, track sales orders, access the Knowledgebase and Self-Help sections, download the latest software, request RMA's and hardware replacements.

Basic Microwave eLearning

The Basic Microwave Communications course introduces fundamental topics for microwave such as systems architecture, parameters, modulation techniques, bandwidth and capacity. Additionally, the course covers, antennas and microwave path design topics along with radio wave propagation, interference, protection schemes and diversity arrangements. Completing a short assessment at the end of the course will provide students with credentials necessary towards the Aviat Network Associate certification level.

CTR8540/8300 System Overview

The CTR8540/8300 System Overview course provides students with an overview of the basic features, equipment configuration and functionality for the CTR8540/8300 platform. Successfully completing a short assessment at the end of the course will provide students with credentials necessary towards the Aviat Network Associate certification level. The CTR8540/8300 product is the industry's first microwave router, highly modular and scalable Access and Pre-Aggregation platform that delivers a unique combination of high-capacity all-packet transport, Carrier Ethernet, IP/MPLS and PWE services

CTR8740 System Overview

The CTR8740 System Overview course provides students with an overview of the basic features, equipment configuration and functionality for the CTR8740. Successfully completing a short assessment at the end of the course will provide students with credentials necessary towards the Aviat Network Associate certification level.

Eclipse System Overview

The Eclipse System Overview course provides students with an overview of the basic features, equipment configuration and functionality for the Eclipse platform. Successfully completing a short assessment at the end of the course will provide students with credentials necessary towards the Aviat Network Associate certification level.

The Eclipse™ product family is a highly modular and scalable platform that delivers a unique combination of high-capacity hybrid or all-packet transport, Carrier Ethernet/IP networking, and comprehensive mission critical microwave features, enabling operators to prepare for the all-IP future.

WTM4000 Overview

The WTM System Overview course provides students with an overview of the basic features, equipment configuration and functionality for the WTM platform. Successfully completing a short assessment at the end of the course will provide students with credentials necessary towards the Aviat Network Associate certification level.

The WTM 4000 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

Basic Networking and IP Routing Overview

The Basic Networking and IP Routing Overview course is for field and operations persons who are involved with deploying, configuring and operating networking equipment, including microwave radios that transport Ethernet/IP data packets

Provision

The Provision overview course provides students with an overview of the basic features, equipment configuration, functionality and preventive maintenance of microwave network elements using Provision EMS.

Provision Plus

ProVision Plus Overview course provides the Basic diagnostics, troubleshooting and preventive maintenance of microwave network elements using ProVision Plus

EDUCATION SERVICES



Pricing & Scheduling

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

- TRN-ANA-TRACK-X ANA - Aviat Network Associate - Certification