

Net.Campus

Certified Allied Telesis Expert: AMF Enterprise Solution

This course is designed to teach attendees how to design, install and perform centralized management using the Allied Telesis Autonomous Management Framework. The attendees learn how an entire network can be managed from any single device, through a simple and intuitive CLI. Configuration and firmware files are automatically and regularly backed up and can automatically regenerate failed devices; configuration changes can be made on multiple devices simultaneously. The participants will have the opportunity to practice in a lab environment.



 [AlliedTelesis.com/training](https://www.AlliedTelesis.com/training)

Objectives

After successful completion candidates will be able to demonstrate the ability to:

- ▶ AMF Centralized Management
- ▶ AMF Auto-Backup
- ▶ AMF Auto-Upgrade
- ▶ AMF Auto-Provisioning
- ▶ AMF Auto-Recovery

Course Outline

AMF Overview

This module describes the main concepts and content of the Allied Telesis Autonomous Management Framework; including a description of each management capability, the key features, the management tasks that can be fulfilled and the Allied Telesis products supporting AMF. Candidates will also study the prerequisites to set up the framework, understand the Master and Member role of each node participating in the AMF network and the feature licensing policy for each of those roles.

AMF Concepts and Architecture

This section includes a detailed explanation of the different types of

participating network nodes and the architecture of the domains that they can belong to. It elaborates on the different types of links over the LAN, used for node and domain interconnection, as well as the capability to create virtual links to run AMF over a WAN environment. The trainee will acquire a clear understanding of all the link and domain sizing rules. The module also includes an introduction to the Working Set concept, that enables the division of a single AMF network, into different operatives running single command management tasks individually. Each concept is presented with topology examples for better comprehension.

AMF Configuration

This part of the course uses a simplified network topology, as a configuration example to explain the steps required to configure and verify AMF, including configuration of AMF Master and Member and verification commands to check AMF operational status. It goes through a live presentation of each management task: Auto-Backup locally on the master network node or at a remote backup server, zero touch Auto-Provisioning, Auto-Upgrade and Auto-Recovery. It also covers the AMF operation over VCStack™ and presents the security and SNMP Monitoring supported features of the framework. The attendees get hands on practice, in a live lab set up, on basic AMF configuration and use, remote server backup, AMF tunneling (virtual links) and zero-touch provisioning.

Duration | One and a half days

Delivery format | Classroom based with hands on practice

Certification | CAE-AMF/ENT
Attendees are required to pass a Web exam
Valid for two years

Intended audience | Engineers who wish to design, install and perform centralized management using the Allied Telesis Management Framework

Prerequisites | CAP/ENT

Key products/technology | AlliedWare Plus, x-Series switches



Certified Allied Telesis
Expert (CAE)



Certified Allied Telesis
Professional (CAP)



Certified Allied Telesis
Technician (CAT)