

Net.Campus

Certified Allied Telesis Expert / AMF Enterprise Solution





Introduction

This course is designed to teach attendees how to design, install and perform centralized management using the Allied Telesis 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.

Prerequisites

Candidates must be certified to the Allied Telesis Professional / Enterprise Solution (CAP/ENT) level.

Objectives

After successful completion, candidates will be able to demonstrate the ability to design and configure:

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

Learn More

For more information or further assistance please contact your local sales office.

 alliedtelesis.com/support

Duration	One and a half days
Delivery format	Classroom based with hands on practice
Certification	CAE-AMF/ENT
	Attendees will be 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



Course Outline

AMF Overview

This module describes the main concepts and content of the Allied Telesis 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.

TECHNICAL CERTIFICATION