

Net.Campus Certified Allied Telesis Expert / Security Enterprise Solution

Certified Allied Telesis
Expert (CAE)

Certified Allied Telesis
Professional (CAP)

Certified Allied Telesis
Technician (CAT)

TECHNICAL CERTIFICATION

Introduction

This course is designed to teach attendees how to design, install, troubleshoot and perform advanced security configurations on Layer 3 core switches. The course provides the participants with the opportunity to practice in a lab environment.

Duration	Two days
Delivery format	Classroom based with hands on practice
Certification	CAE-S/ENT
	Attendees are required to pass a Web exam
	Valid for two years
Intended audience	Engineers who wish to plan, install, configure, maintain Allied Telesis products with a focus on network security topics
Prerequisites	CAP/ENT
Key products / technology	AlliedWare Plus, x-Series switches

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, troubleshoot and configure Allied Telesis switches.
- ▶ Configure Allied Telesis switches to the purpose of ensuring network security in terms of network access control using RADIUS server, IEEE 802.1x, MAC-based security and DHCP.

Course Outline

IEEE 802.1x

The planning, configuration and troubleshooting of IEEE 802.1x will be covered and how IEEE standard 802.1x provides a method of restricting access to networks based on authentication information. Authentication configuration on a per-port basis. The main components of an IEEE 802.1x implementation will also be discussed: the authenticator, the supplicant and the authentication server.

Web Authentication

This module gives an overview of Web-authentication and explains its main usage. An examination of the operation of Web-authentication is covered, as well as several examples of Web-authentication.

DHCP Snooping

This module explains how to configure DHCP snooping on Allied Telesis switches, in order to secure against common DHCP attacks. DHCP Relay Agent Option 82 and ARP security will also be covered.

Learn More

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

alliedtelesis.com/support