

Net.Campus

Certified Allied Telesis Technician / Enterprise Solution

Certified Allied Telesis Expert (CAE)

Certified Allied Telesis Professional (CAP)

Certified Allied Telesis Technician (CAT)

Introduction

This course addresses technicians installing and configuring Allied Telesis edge switches. Includes the theory behind configuration tasks, opportunity to try configurations and explanations of simple networking debugging scenarios.

Duration	Two days
Delivery format	Classroom based with hands on practice
Certification	CAT/ENT
	Attendees are required to pass a Web exam
	Valid for two years
Intended Audience	Technicians who wish to install Allied Telesis x- Series switches
Prerequisites	Good theoretical knowledge of basic networking concepts
Key products / technology	AlliedWare Plus, x-Series switches

Objectives

After successful completion candidates will be able to:

- ▶ Describe the differences between Layer 2 and Layer 3 switches.
- ▶ Understand how networks are architecturally split into edge and core sections.
- ▶ Identify the key criteria for deploying Layer 2 or Layer 3 switches in a basic network design.
- ▶ Understand the operation and utilization of VLANs.
- ▶ Understand the concepts and implementation of RSTP.
- ▶ Use of CLI and GUI as configuration method.

Course Outline

Hardware Overview

Overview of the Allied Telesis product portfolio and where the products covered in the course fit.

Basic Switch Operations

Configuring basic switch operations using both the Command Line Interface (CLI) and Graphical User Interface (GUI). Initial connection, start up, port management and feature licencing.

Switching Concepts

Introduction and configuration of switching concepts such as forwarding databases, port security / mirroring, broadcast limiting / storm control and Layer 2 filtering.

RSTP

Introduction of Spanning Tree protocol and its parameters. Implementation and configuration of Rapid Spanning Tree Protocol.

Virtual LANs (VLAN)

VLAN theory and configuration is discussed, including VLAN trunks and private VLANs.

Link Aggregation

Introduction to link aggregation types and traffic split criteria. Configuring both static and LACP-based port aggregation.

IP

Covers the basic concepts and configuration of Layer 3 services in AlliedWare Plus™ switches.

Stacking

VCStack™ introduction and configuration, software and configuration file synchronization, rolling reboot, resiliency link and managing stack members.

Power over Ethernet (PoE)

Introduction to the Power over Ethernet standard technology and configuration.

SNMP

Overview of SNMP and MIBs, configuration and implementation.

TECHNICAL CERTIFICATION

Learn More

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

 alliedtelesis.com/support