Net.Campus

Certified Allied Telesis Professional: Enterprise Solution

This hands-on course aims to provide a more advance and in-depth knowledge of installation, configuration and troubleshooting Allied Telesis enterprise network solution products (supporting AlliedWare Plus™ OS). The course includes the theory behind configuration tasks, provides the opportunity to try the configurations and to understand how to debug any issues.

AlliedTelesis.com/training

Objectives

After successful completion candidates will be able to:

▶ Identify the key products used for the enterprise solution.

▶ Apply design rules to appropriately scale the solution.

▶ Understand the tasks required for essential system management.

▶ Understand the application and configuration of features such as resiliency, security, traffic control, and application support.

Course Outline

STP Advanced

How to securely enforce the topology of the switched Layer 2 network over and above the standard operation of the Spanning Tree Protocol, as well as protection mechanisms like loop detection and thrash limiting.

Advanced VLANs

A review of VLAN operation and configuration and the introduction and deployment of nested VLANs and private VLANs.

EPSRing

Introduces the concept of the Ethernet Protected Switching Ring protocol on AlliedWare Plus switches and details of EPSR implementation, troubleshooting and debugging the protocol operation.

ACL

Covers the basic Access Control List mechanism for enterprise networking and how to implement ACLs for traffic management.

LLDP

Presents the Link Layer Discovery Protocol and its configuration, including LLDP deployment for media endpoint devices and voice VLANs.

IP Routing

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

RIP

Overview of the operation and configuration of the Routing Information Protocol.

VRRP

Configuration of redundant routers using the Virtual Router Redundancy Protocol (VRRP).

Single Area OSPF

Introduction to OSPF concept and operations. Step-by-step configuration.

AMF

Overview of the Allied Telesis Management Framework, key features and concepts. Configuring and verifying an AMF network.

Duration	Three days
Delivery format	Classroom based with hands on practice
Certification	CAP/ENT
	Attendees are required to pass a Web exam
	Valid for two years
Intended audience	Engineers who wish to deploy professional enterprise Layer 3 switching solutions
Prerequisites	CAT/ENT
Key products/ technology	AlliedWare Plus, x-Series switches

Certified Allied Telesis **Expert (CAE)**

Certified Allied Telesis **Professional (CAP)**

Certified Allied Telesis **Technician (CAT)**