

# HP Access Layer Network Technologies using ProVision Software

00380790



**Delivery Type:** Classroom

**Duration:** 5 days

## Overview

This is 5-day instructor-led course. The course focuses on the advanced features required in enterprise level networks and how they can be implemented in HP Networking A-Series switches and routers. This course is equivalent to the HK742S.

## Pre-Requisites

- ✓ HP Switching and Routing Technologies (WBT).

## Target Audience

- ✓ Customers, partners and HP employees who install, maintain and troubleshoot HP A-Series Networks.

## Certification

- ✓ Implementing HP A-Series Networks prepares participants for ASE Network Infrastructure within the HP ExpertONE program.
- ✓ The exam number is HP0-Y31.

## Objectives

- ✓ Special VLAN Types: Port-based-, Protocol-based-, IP-subnet-based-, and MAC-address-based VLANs, SuperVLANs and Isolate-user VLANs.
- ✓ WAN Links: PPP and Frame Relay Fundamentals.
- ✓ IP Multicast: IGMP, IGMP Snooping, Multicast VLAN, PIM-DM and PIM-SM.
- ✓ Network Management: Port Mirroring (Local and Remote), SNMP Configuration and IMC Fundamentals.
- ✓ IP Gateway Features: Local-proxy-ARP, MSTP + VRRP Redundancy Solution.
- ✓ IP Routing: OSPF Network Types and Multi-Area Networks, and eBGP.
- ✓ QoS: QoS Policies, ACLs, Prioritization and QoS applications.
- ✓ IRF – Intelligent Resilient Framework.