



Course overview

HP Fast Track for Network Technologies using Comware Software (HL320)

This course is an accelerated combination of HP Access Layer Network Technologies using Comware Software (HK652_00646170) and The HP Core/Distribution Network Technologies using Comware Software (HK742_00646344) courses. This course introduces network technicians to the technologies and products in the HP Comware based line of routers and switches.

Course description

This accelerated course also prepares learners to implement these products into network solutions based on HP Flex Network architecture. The course describes techniques for designing and implementing resilient switched and routed converged networks using the HP Comware based switches.

Audience

Professionals who deploy SMB and enterprise-edge solutions based on HP technologies, including HP Reseller Systems Engineers, Customer IT Staff, HP System Engineers, HP Services Field & Call Center Support Engineers.

Prerequisites

Required:

Getting Started with HP Switching and Routing v. 10.41 (WBT) Getting Started with HP Wireless Networks v. 10.41 (WBT)

Benefits to you

HP Comware Networking Technologies will provide you with the knowledge and skills necessary to configure HP Comware products in the contemporary enterprise network. The course provides hands-on experience with comware switches and introduces the comware routers and switches.

Why education services from HP?

- Unmatched technical expertise and support for HP products and technologies
- Streamlined purchase and management of training with HP Care Pack Services for Education

Course title:	HP Fast Track for Network Technologies using Comware Software
HP product number:	HL320
Category/Subcategory:	HP Networking
Course length:	5 Day instructor-led, 50% lecture and 50% lab
Level:	Intermediate
Delivery language:	English
To order:	You can register your interest for this course online at http://www.hp.com.au/education . At the site, select the course under Networking portfolio and you will see dates for the course. Register your interest for the date of your choice.

- Recognized as an IDC MarketScape leader for IT education (IDC MarketScape: Worldwide IT Education and Training 2012 Vendor Analysis, doc #232870, February 2012)
- More than 30 years of Education Consulting
- Comprehensive curriculum of job-specific training leading to vendor certification
- Top 20 training provider and content development – www.TrainingIndustry.com
- Global training with more than 90 training locations worldwide
- Training you need, when and where you need it with our Remotely Assisted Instructional Learning (RAIL)

- Award winning Virtual classrooms (SmallBiz Windows Collaboration Product of the Year 2010) and Virtual Labs for a real hands-on experience

Next steps

HP Comware Technologies, along with the prerequisite courses and ProVision Technologies, prepares participants for the Accredited Integration Specialist certification within the HP ExpertOne program. The exam number is HPO-Y30

Detailed course outline

Topics Covered

- Describe the Comware networking products and technologies
- Configure basic setup parameters
- Update software for Comware switches and routers
- Save and backup configuration files for Comware switches and routers
- Configure and verify VLANs
- Configure ports for trunk, access, or hybrid mode to support various VLAN configurations
- Configure device-access security features such as passwords, privilege levels, and SSH
- Configure and verify link aggregation
- Configure Spanning Tree
- Configure IP static routes
- Designing, implementing, and troubleshooting routed and bridged networks using industry-standard protocols, focusing on OSPF, VRRP, and MSTP.
- Designing and implementing “triple play” networks using HP prioritization and QoS features.
- Designing and implementing networks via the following multicasting technologies; IGMP, PIM Dense, and PIM Sparse.
- Designing and implementing IRF.
- Designing and implementing IPv6 and OSPFv3.

For more information

To locate contact information and to learn more about education services, please visit our web site at <http://www.hp.com.au/education> .

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