

OmniSwitch 8800, 7000, and 6600 series

Advanced IP Routing and Applications (9300)



REFERENCE : DT00TE613US

LANGUAGE : ENGLISH

DELIVERY METHOD : c-learning

DURATIONS :

C
2 days

I

V

PARTICIPANTS : 6 Min - 12 Max

Part of the certifying curriculum up to : **ACSS Rel5**

Who should attend this course ?

- Networks and technical support engineers, technicians, network operators

Prerequisites :

- Students must be familiar with the overall operation of the OmniSwitch. This can be demonstrated in : Previous attendance in the basic OmniSwitch Training course DT00TE610 (6001) and Attainment of the Alcatel Certified Switch Professional Certification designation.
- In addition, the student is required to understand the operation of routing principles (IP, RIP and OSPF).

Main course objectives :

- The **2-day Advanced IP Routing course provides students with an understanding of the operation and configuration of the routing functionality as implemented on Alcatel's OmniSwitch**. The following IP routing protocols covered are: RIP, RIP II, OSPF, VRRP, and BGP. In addition to standard routing services, special filtering tools are available to control route distribution. Multicast routing using IGMP and DVMRP is covered.
- The course begins with a discussion of the different IP routing options available on the OmniSwitch. Configurations, installation, and problem resolution are topics covered. The class consists of approximately 40% lecture and 60% hands-on lab exercises.

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c-learning

i-learning

v-learning

Review of Routing and Switching Technology.



Review of RIP Configuration.



Configuration of OSPF.



Configuration of Multicast Routing and Switching,
including DVMRP & PIM-SM.



Configuration of BGP.



Comprehensive Routing labs incorporating several
Alcatel products, including original OmniSwitch,
6/7/8000 series OmniSwitch.



Introduction to NMS Capabilities for Routing.

