



REFERENCE	ENTPTE902US	DELIVERY LANGUAGE	English (course material in English)
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DURATION

i-learning

6 hours

c-learning

5 days

v-learning

METHODSVirtual self-paced training on the computer. 5 hours before and 1 hour after c-learning

Traditional classroom or practical sessions with tutorials (TAP LAB)

Tutored virtual training sessions accessible via an internet connection

MAXIMUM NUMBER OF PARTICIPANTS 12**PUBLIC**

System Installers

Technicians and Engineers in charge of the configuration and the maintenance of an Alcatel-Lucent OmniPCX Enterprise in network

OBJECTIVES

At the end of the course, the participant will be able to:

- Configure and maintain a complex networking solution on Alcatel-Lucent OmniPCX Enterprise
- Configure and maintain hybrid links
- Configure and maintain the dedicated networking phone services
- Ensure the maintenance of a networking configuration

PREREQUISITES

- To have attended Alcatel-Lucent OmniPCX Enterprise VoIP Advanced & Backup training course (Ref.: ENTPTE904US)

REQUIRED TECHNICAL CONFIGURATION*For i-learning*

Access to the Business Partner Web Site. Internet Explorer version 5.5 or better, Macromedia Flash 7 and Acrobat Reader version 6 or better. Virtual Microsoft Java Machine (MSJVM).



PROGRAM DESCRIPTION

Phase 1: i-learning 5 hours

To describe the networking architecture

- Homogeneous network
- Heterogeneous network
- ABC network structure

To describe network links structure:

- ABC-F Links
- ABC-F Trunk groups

To describe the different types of routing

To describe the principles of a dialing plan in network

To describe the principles of the synchronization plan in network

To describe the principles of the IP addressing plan in network

To describe the principles of the audit

To describe the principles of the broadcast

To describe the network supervision tool: SUPROUTAGE

To describe the principles of the private to public overflow

To describe the principles of the public to private rerouting

To describe the centralized services:

- Voicemail centralization
- System messages centralization

To describe the principles of the hybrid links

To describe how to configure and maintain the non IP hybrid links

To describe the principles of the VPN overflow

To describe the network facilities:

- Set supervision
- Manager / Assistant groups
- Hunt groups
- Meet-me conference
- DECT network mobility
- Shared Trunk groups
- Calls distribution
- Ubiquity

To describe Voice over IP protocols:

- H323
- RTP
- RTCP



Phase 2: c-learning 5 days

To configure the IP addressing plan of an Alcatel-Lucent OmniPCX Enterprise in networking configuration

To configure the synchronization plan of an Alcatel-Lucent OmniPCX Enterprise in networking configuration

To describe, configure and maintain the network links:

- ABC-F links
- ABC-F Trunk groups

To supervise the network links via the embedded tool SUPROUTAGE

To describe, configure and perform an audit

To describe, configure and initialize the broadcast

To describe and configure the areas for the audit and the broadcast services

To describe, configure and maintain the VPN overflow

To describe, configure and maintain a full IP hybrid link

To describe, configure and maintain the internal Gatekeeper in ABC-F IP network configuration

To configure and maintain the network services:

- Set supervision
- Manager / Assistant group
- Voicemail centralization
- System messages centralization
- DECT mobility
- Shared Trunk groups
- Hunt groups

To configure the private to public overflow

To configure the public to private rerouting

To describe and configure the ARS Server

To ensure the maintenance of the managed elements

Phase 3: i-learning 1 hour

To describe the principles of:

- Direct RTP in network
- Redirect
- IP Domains in network

To describe how to configure:

- Direct RTP in network
- Redirect