DCN-INTRO Introduction to DCN IP & OSI Application

Brief Description

- DCN-INTRO is a preparatory course focused on the basic concepts related to Data Packet Transmission over Ethernet Local Area Networks integrated with Microwave Radio Transport equipments. Basic data networking concepts are included.

Target Group

- Service

Learning Target

- To provide students with detailed information about addressing rules and their applications in Siemens / Nokia Siemens Microwave Radio, a first step to DCN planning

Prerequisite

- Basic knowledge on Microwave PDH and SDH Radio system. Some basic knowledge on TCP/IP networks and protocols

Contents

- OSI Data Layer
- Ethernet basic
- Internetworking from local area to remote area networks
- IP Internet Protocol address
- VLAN Virtual LAN basic
- Routing Protocols
- ARP Address Resolution Protocol
- RIP Routing Internet Protocol
- OSPF Open Short Path First
- NSAP address Network Service Access Point
- Routing Protocol for OSI Elements
- DCN Data Communication Network concept
- SRAL addressing rules
- SRAL XD addressing rules
- Flexi Metro addressing rules
- SRAL Xd and Flexi Metro interconnection
- SRT1F addressing rules
- DQA Dual Q Adapter
- Flexi Hopper addressing rules

For additional information:
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- Flexi Packet addressing rules

Notes

- This course can be delivered as face-to face classroom
- The training contents can be reduce according the Network Element Types delivered to the customer

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Duration

5 days for the full programs; variable according the Network Element Types requested by the Customer

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Max number of participants (suggested)

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Course Type

Theoretical course