SCANDINAVIAN ACADEMY
For Training and Development

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Course: ATM Frame Relay and IP Integregation

Code	City	hotel	Start	End	price	Hours
431	Brussels (Belgium)	Hotel Meeting Room	2024-11-18	2024-11-22	5450 €	25

Overview

This seminar discusses the latest trends in the integration of ATM, Frame Relay and IP. It provides only enough tutorial information on each subject to ensure that all delegates are able to follow the rest of the agenda but it is a distinct advantage if the delegate is already familiar with all three technologies. The integration that is discussed includes ATM with Frame Relay, IP with ATM and IP with Frame Relay and is discussed at a technical rather than a commercial or marketing level, so we go into the how as well as discussing the what.

Modules

Review of ATM (2 topics)

- Principles of cell switching
- Virtual connections

Review of Frame Relay (3 topics)

- virtual paths and virtual channels
- ATM connection characteristics
- Point to point

ATM Frame Relay and IP Integration (3 topics)

- point to multipoint and soft permanent connections
- ATM header format
- ATM adaptation protocols

Building an IP Transmission Platform (1 topic)

- AAL1

ATM Forum IP over ATM (1 topic)

- AAL2

Review of IP Routeing (2 topics)

- AAL5
- ATM quality of service and service categories

Multiprotocol Label Switching (MPLS) (1 topic)

- CBR

Differentiated Services (Diff-serv) (1 topic)

- VBR

IPv6 considerations (2 topics)

- UBR etc.
- ATM signalling principles

The Scandinavian Academy for Training and Development employs modern methods in training and skills development, enhancing the efficiency of human resource development. We follow these practices:

- **Theoretical Lectures:**
  - We deliver knowledge through advanced presentations such as PowerPoint and visual materials, including videos and short films.
- **Scientific Assessment:**
  - We evaluate trainees skills before and after the course to ensure their progress.
- **Brainstorming and Interaction:**
  - We encourage active participation through brainstorming sessions and applying concepts through role play.
- **Practical Cases:**
  - We provide practical cases that align with the scientific content and the participants specific needs.
- **Examinations:**
  - Tests are conducted at the end of the program to assess knowledge retention.
- **Educational Materials:**
  - We provide both printed and digital scientific and practical materials to participants.
- **Attendance and Final Result Reports:**
  - We prepare detailed attendance reports for participants and offer a comprehensive program evaluation.
- **Professionals and Experts:**
  - The programs scientific content is prepared by the best professors and trainers in various fields.
- **Professional Completion Certificate:**
  - Participants receive a professional completion certificate issued by the Scandinavian Academy for Training and Development in the Kingdom of Sweden, with the option for international authentication.
- **Program Timings:**
  - Training programs are held from 10:00 AM to 2:00 PM and include buffet sessions for light meals during lectures.