

Scandinavian Academy Training Center

Mobile | 00966536473335 : Mobile | 00966112695229 : Phone : 00966552365295
Email | info.en@scandinavianacademy.co Web site:https://scandinavianacademy.co/en :
Riyadh - Al Khaleej District - Sheikh Abdul Aziz Bin Abdul Rahman Bin Bishr Street - 13223 - Office No. 5 | P.O.BOX : 13224

# Course: ATM Frame Relay and IP Integregation

| Code | City | hotel | Start | End | price | Language - Hours |
|---|---|---|---|---|---|---|
| IT-431SA | Abha | Hotel Meeting Room | 2026-12-06 | 2026-12-10 | 9950 SR | En - 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 Center** adopts the latest scientific and professional methodologies in training and human resource development, aiming to enhance the efficiency of individuals and organizations. Training programs are delivered through a comprehensive approach that includes:

- Theoretical lectures supported by PowerPoint presentations and visual materials (videos and short films).
- Scientific evaluation of participants before and after the program to measure progress and knowledge acquisition.
- Brainstorming sessions and practical role-playing to simulate real-life scenarios.
- Case studies tailored to align with the training content and participants work nature.
- Assessment tests conducted at the end of the program to evaluate the achievement of training objectives.

Each participant receives the training material (both theoretical and practical) in printed form and saved on a CD or flash drive. Detailed reports, including attendance records, final results, and overall program evaluations, are also provided.

Training materials are prepared professionally by a team of experts and specialists in various fields. At the end of the program, participants are awarded a professional attendance certificate, signed and accredited by the Scandinavian Academy for Training Center.

**Program Timings:  9:00 AM to 2:00 PM**

**The program includes:**

- A daily buffet provided during the sessions to ensure participants comfort.
- A closing ceremony on the final day to distribute certificates and celebrate participants achievements.
- **Note: All prices are exclusive of 15% Value Added Tax (VAT).**

# Our Success Partners

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info@scandinavianacademy.co
المملكة العربية السعودية - الرياض - حي الخليج - شارع الشيخ عبد العزيز بن عبد الرحمن بن بشر - 13223 - مكتب رقم 5
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