

ENSEMBLE CONTROLLER with ENSEMBLE OPTICAL DIRECTOR

3 days *remote* technical training



Ensemble Controller Software is an advanced platform for reliable, secure and user-friendly management and surveillance of ADVA FSP and OSA networks, with full FCAPS support. With our Ensemble Optical Director, service-based management enables you to actively track, manage and support your network with ease.

Objective

This training course explains Ensemble Controller software for management of ADVA FSP networks. We also introduce the basics of network management. Installation of Ensemble Controller server and client software is also included. Practical exercises focus on the discovery of network elements (NEs), on creating WDM services as well as getting familiar with alarms and events on the network elements.

The last training day is devoted to Ensemble Optical Director. We will prepare the Network Elements with dedicated Control Plane/Network Intelligence (NI) settings, NI server (if applicable) and fiber map. After these preparations, we explore Ensemble Optical Director in practice.

Please, note: In case of a remote training session GoToTraining application or another remote training tool, e.g. Teams will be used. We will arrange a short test of the tool upfront the training – you will get invited for both – test and training session, if required.

For the practical exercises trainer will hand over keyboard and mouse to one student at a time for e.g. a configuration exercise. This will require the desktop version of GoToTraining Client installed on the student's computer/laptop.

Please note: recording of the remote training sessions is not permitted.

Benefits & Audience

- Benefits: To achieve self-sufficiency at installation, configuration and maintenance of the Ensemble Controller applications, including Ensemble Optical Director for automated service provisioning.
- Class size: 8 attendants maximum
- Certificate of attendance, ACE exam available on request (separate order)

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Prerequisites

The attendees should have basic knowledge about Networking, TCP/IP, SNMP and Fault Monitoring. Basic Windows and Linux OS skills are required.

Agenda

Theory/Lecture

- Ensemble Controller Overview
- Ensemble Controller Client GUI
- Fault, Configuration-, Performance- and User Management
- Reporting Tools
- Ensemble Optical Director with GMPLS Control Plane/Network Intelligence

Practice/Lab

- Server and Client Installation
- Server/Client Provisioning
- Manage a FSP network via the Ensemble Controller
- Centralized NE Database backup
- Centralized NE Software update
- Ensemble Controller High-Availability
- Ensemble Optical Director for automated service provisioning

Contact

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Ordering Information

Part Number

7036042001

7042604001

Description

Per Enrollment (Student)

Per course