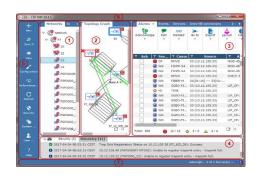


FSP 3000R7 and ENSEMBLE CONTROLLER - OPERATION & MONITORING

4 days remote technical training





Course Description & Level

Getting familiar with the FSP 3000R7 Product and using Ensemble Controller (management) Software. The equipment and Ensemble Controller server will be fully operational when the class begins. Students will learn how to provision modules using WebGUI, pull database backups, perform upgrades add network elements and services to the Ensemble Controller and troubleshoot network as well as service failures. Introduction to ADVA licensing included.

Please note: Control Plane and Ensemble Optical Director are not covered in this class.

Level: Introductory

Please note: the training will be provided using GoToTraining application – we will arrange a short test of the tool upfront the training – you will get invited for both – test and training session.

For the practical exercise trainer will hand over keyboard and mouse to one student at a time for e.g. a configuration exercise.

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

Audience and Benefits

- Potential candidates for this course are network support engineers responsible for monitoring and troubleshooting network problems. NOC team oriented.
- Small courses, 8 attendants maximum
- Certificate of Attendance only, no exam

- Certificate of Atternative Orly, no exam		
Agenda	THEORY	PRACTICE
	 System & Component overview ADVA Licensing (short) - if applicable Optical system architectures Supported topologies and protection mechanism Management Concepts, Basic DCN 	 Provisioning modules with WebGUI NED (Network Element Director) Operating Ensemble Controller Fault Finding with Ensemble Controller



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Pre-requisites

Basic knowledge on WDM and TCP/IP. We enroll you upfront the class to eLearning module *Getting Familiar with FSP 3000R7 Hardware (ca. 30min)* and expect you to complete it before the class starts.

For trainings onsite: students need to have Ensemble Controller Client installed on their laptops for practical exercises or are allowed to install the client software on their laptops

Contact

Training: training@adva.com



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Day 1 9 am-4 pm Lunchbreak 12am-1pm	Introduction to FSP 3000R7 product & training setup Basic DCN setup Provisioning modules with NED ADVA Licensing	
Lab Exercises	 Provisioning modules with NED, ADVA Licensing Access to training setup – WebGUI (serial) Introducing WebGUI NED (Network Element Director) General settings Provisioning selected active channel cards Provisioning selected passive filters 	
Day 2 9 am-4 pm Lunchbreak 12am-1pm	Proceed: Provisioning modules with NED Maintenance	
Lab Exercises	 Provisioning selected optical amplifiers Provisioning selected ROADMs – if required Provisioning line protection with OPPM – if required Database Backup/Restore Software Upgrade Firmware Upgrade 	
Day 3 9 am-4 pm Lunchbreak 12am-1pm	Introduction to Ensemble Controller Getting Familiar with Ensemble Controller	
Lab Exercises	 Connecting remote Ensemble Controller Clients to Server Discovering Network Elements Defining and monitoring network services within Ensemble Controller Embedded WebGUI NED for configuration of Network Elements 	
Day 4 9 am-4 pm Lunchbreak 12am-1pm	Maintenance & Troubleshooting with Ensemble Controller Fault Finding	