



# MFE-IT

Reference: NAS/EN/CA

## Centreon Administration Level Training Course

Automate, Optimise and Secure Your IT Monitoring

---

*Duration: 3 Days | Hours: 21 h*

---

*Remote · Sessions guaranteed from 1 registrant · 60% hands-on practice*

## DESCRIPTION

---

Centreon is an essential monitoring solution in modern IT environments — widely deployed across French enterprises and the public sector for supervising networks, servers, applications and cloud services from a unified interface. Once basic monitoring is in place, the next challenge is to industrialise it: scale to multi-site deployments, automate template management and integrate with the wider operational toolchain.

This administration-level training course is designed for administrators who have already set up basic monitoring and want to take their skills further in advanced management, automation, security and performance analysis. You will learn how to leverage collection engines, connectors and custom templates to enhance reliability, anticipate incidents and industrialise your operations.

## LEARNING OBJECTIVES

---

By the end of this training course, participants will be able to:

- Understand Centreon architecture (pollers, collectors, central server)
- Optimise alert collection and prioritisation
- Create and customise advanced service templates
- Secure exchanges between monitoring components
- Manage distributed, multi-site or hybrid environments
- Implement best practices for monitoring maintenance and documentation

## PREREQUISITES

---

- Good knowledge of Linux systems and network architectures
- First experience with Centreon or another monitoring tool is welcome

*Because each participant is unique, a personalised interview is systematically organised in advance with our expert to design a training programme perfectly aligned with their objectives, level and professional challenges.*

## TARGET AUDIENCE

---

System administrators, DevOps engineers, monitoring engineers and production managers responsible for enterprise monitoring platforms.

## DETAILED PROGRAMME

---

The training alternates between theoretical input and hands-on practice (approximately 60% of the time). Modules are built around practical exercises based on real-world business use cases.

### Module 1 – Centreon Architecture

- Multi-poller operation and collector management
- Flow synchronisation between central and remote pollers
- Security mechanisms and component communication

### Module 2 – Configuration Templates and Industrialisation

- Creating complex templates and inheritance
- Dynamically linked hosts and parent/child relationships
- Inherited settings and bulk configuration

### Module 3 – Intelligently Monitor Critical Services

- Service groups and alert escalations
- Contextual notification management
- Deduplication and correlation of alerts

### Module 4 – Security, Access and High Availability

- Rights control and user management
- RBAC and centralised authentication (LDAP, AD)
- Redundant supervision and HA patterns

### Module 5 – Maintenance, Logs and Optimisation

- Log analysis and slowdown diagnosis
- Maintenance planning and impact-free operations
- Technical documentation and knowledge transfer

## TEACHING METHODS

---

### Format and Delivery

The training is delivered remotely via an interactive virtual classroom. It can also be delivered on-site, with content customised to match the needs of your professional project. The theory/practice split is approximately 40%/60%.

### MFE-IT Ultra-Personalised Format

Each session accommodates between 1 and 3 participants, ensuring highly individualised support. A preliminary interview allows us to tailor the content to each participant's profile. Inter-company sessions are guaranteed from just 1 registrant (except in cases of force majeure).

### Skills Assessment

Throughout the training, the trainer assesses participant progress through multiple-choice questions, role-playing exercises and hands-on work. At the end, a certificate of achievement is issued to each participant.

### Post-Training Support

For one month following the training, each participant can contact MFE-IT trainers with questions about implementing acquired knowledge. A response is provided by email or telephone within 48 working hours.

### Accessibility

MFE-IT is committed to welcoming people with disabilities. Contact: [contact@mfe-it.com](mailto:contact@mfe-it.com).

## PRACTICAL INFORMATION

---

### Trainer Resources

- Structured demonstrations aligned with the detailed programme
- Exercise briefs and solutions throughout the training
- A ready-to-use technical environment for practical workshops
- Trainer validation of acquired knowledge at the end of each workshop
- Digital reference documents

### Certification and Validation

At the end of the training, a certificate is sent by email specifying the objectives, nature, duration and assessment results. A completion certificate can also be provided on request.

### **Benefits for Participants**

- Train from your workplace or home, with no travel required
- Benefit from an expert trainer-consultant on the subject
- Enjoy an ultra-personalised format (1 to 3 participants)
- Continue training even in the event of unforeseen circumstances

### **Benefits for the Organisation**

- Optimise the training budget by reducing travel and accommodation costs
- Offer quality training to all employees, regardless of location
- Reduce absence time linked to travel
- Support team upskilling in all contexts