

# Course : IBM Advanced Parallel Sysplex Operations and Recovery Workshop (ES90G)

Official IBM course

**Practical course - 4d - 28h00 - Ref. S90**

**Price : 3540 € E.T.**

With this training, you'll learn advanced operator actions to implement new policies, coupling installations, structures and operational improvements related to the sysplex. It diagnoses problems and demonstrates recovery techniques in these areas. Numerous hands-on exercises enable participants to work their way through the steps required to implement ECS, GRS star, JES checkpoint, Operlog, Logrec and SM duplexing on the CF. Participants will also identify potential problems, and much more.

## PARTICIPANTS

Personnel d'exploitation, de support technique et programmeurs système qui sont impliqués dans l'exploitation, le support système et le support logiciel de leur environnement Parallel Sysplex.

## PREREQUISITES

Experience with HMC and the Parallel Sysplex environment. Completion of one of the following training courses: ES42G or ES73G.

## TRAINER QUALIFICATIONS

The experts who lead the training courses are specialists in the subjects covered. They are approved by the publisher and certified for the course. They have also been validated by our teaching teams in terms of both professional knowledge and teaching skills for each course they teach. They have at least three to ten years of experience in their field and hold or have held positions of responsibility in companies.

## Teaching objectives

At the end of the training, the participant will be able to:

- ✓ Use the classic or tree-based HMC user interface, create HMC groups, load profiles
- ✓ Provide advice and recommendations for HMC use
- ✓ Initialize Sysplex system images and identify problems reported via system consoles and the HMC console
- ✓ Identify sysplex components, define differences in resource and data sharing
- ✓ Execute associated display commands to identify sysplex status, recovery actions, etc.
- ✓ Manage data sets, format CDS, define policies
- ✓ Implement configurations supporting GRS STAR, JES checkpoint and ECS using structures in CF
- ✓ Identify torque data set failures, CF failures and CF structure failures
- ✓ Identify pending policy change conditions and correct them if necessary
- ✓ Remove a CF from the sysplex, as in the case of maintenance required on a CF
- ✓ Identify and correct problems during the structural reconstruction process
- ✓ Dynamically add a new System z CF to the sysplex
- ✓ Execute recovery procedures with and without SFM policies
- ✓ Define server time protocol implementation, terminology and support

### ASSESSMENT TERMS

Assessment of targeted skills prior to training.

Assessment by the participant, at the end of the training course, of the skills acquired during the training course.

Validation by the trainer of the participant's learning outcomes, specifying the tools used: multiple-choice questions, role-playing exercises, etc.

At the end of each training course, ITTCERT provides participants with a course evaluation questionnaire, which is then analysed by our teaching teams. Participants also complete an official evaluation of the publisher.

An attendance sheet for each half-day of attendance is provided at the end of the training course, along with a certificate of completion if the participant has attended the entire session.

### TEACHING AIDS AND TECHNICAL RESOURCES

The teaching resources used are the publisher's official materials and practical exercises.

### TERMS AND DEADLINES

Registration must be completed 24 hours before the start of the training course.

### ACCESSIBILITY FOR PEOPLE WITH DISABILITIES

Do you have specific accessibility requirements? Contact Ms FOSSE, disability advisor, at the following address: psh-accueil@orsys.fr so that we can assess your request and its feasibility.

## Intended audience

Personnel d'exploitation, de support technique et programmeurs système qui sont impliqués dans l'exploitation, le support système et le support logiciel de leur environnement Parallel Sysplex.

## Prerequisites

Experience with HMC and the Parallel Sysplex environment. Completion of one of the following training courses: ES42G or ES73G.

## Practical details

### Teaching methods

Animation de la formation en français. Support de cours officiel au format numérique et en anglais. Bonne compréhension de l'anglais à l'écrit.

## Course schedule

### 1 Official program

- Introducing Parallel Sysplex.
- Sysplex initialization, CDS use and recovery.
- CF, structure, policy and recovery management.
- Dynamic implementation of CF, SFM and ARM.
- Overview of STP, DB2 and structure recovery and deletion.

## 2 Official practical work

- Remote lab access configuration.
- Navigation tips and tricks HMC 2.nn: classic tree-based user interface.
- Groups and profiles for sysplex activation.
- MCS console configuration via OSA ICC.
- Use commands to determine sysplex status.
- Dynamic ECS and GRS STAR activation.
- Reconfiguration of JES2.
- CDS incompatibility during sysplex activation.
- CFRM pending conditions and recovery options for FP connections
- Demonstration of VTAM and ISTGENERIC.
- Management of coupling functions.
- Add a new CF and manage the reset profile.
- Implementation of SM duplexing.
- Sysplex fault management.
- SFM storage reconfiguration.

## Dates and locations

### REMOTE CLASS

2026: 2 June, 17 Nov.

### PARIS LA DÉFENSE

2026: 2 June, 17 Nov.