

Course : Windows 2022, implementing Group Policy Objects (GPOs)

Practical course - 3d - 21h00 - Ref. WPO

Price : 2100 CHF E.T.

 4,7 / 5

Learn how to manage Group Policies in Windows Server 2022. You'll be able to administer your servers and workstations by controlling registry keys, system security, software management, scripting, security policy and environment auditing.

Teaching objectives

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

- Understanding how group strategies work
- Perform administration tasks with GPOs
- Configuring group policy preferences
- Deploy software using Group Policies
- Implementing GPO security

PARTICIPANTS

Systems and network technicians, administrators and engineers

PREREQUISITES

Basic knowledge of Windows Server and desktop administration.

TRAINER QUALIFICATIONS

The experts leading the training are specialists in the covered subjects.

They have been approved by our instructional teams for both their professional knowledge and their teaching ability, for each course they teach. They have at least five to ten years of experience in their field and hold (or have held) decision-making positions in companies.

ASSESSMENT TERMS

The trainer evaluates each participant's academic progress throughout the training using multiple choice, scenarios, hands-on work and more.

Participants also complete a placement test before and after the course to measure the skills they've developed.

Intended audience

Systems and network technicians, administrators and engineers

Prerequisites

Basic knowledge of Windows Server and desktop administration.

Course schedule

1 How group strategies work

- The role of group strategies.
- How GPOs work.
- Inheritance and object linking.
- GPO processing exceptions.
- Recall loops.

Hands-on work

Creating and linking Group Policy objects. Filter object deployment.

2 Managing GPOs

- GPO Starter.
- GPO delegation.
- Update GPOs, control GPO descents.
- View and modify the status of GPO replications in the domain.

Hands-on work

Create and use Starter. Search and filter settings in GPOs.

3 Administration templates and WMI filtering

- The central warehouse.
- ADMX and ADML models.
- ADMX custom templates.
- Create advanced filtering with WMI filters.

Hands-on work

Create central store. Add administration templates. Create WMI filters.

4 Configure preference settings

- Principle of preference settings.
- Implementation of preference parameters.
- Targeting parameters with the Targeting Editor.
- Task planning.

Hands-on work

Configure IE configuration preference settings, network drives, configure scheduled tasks.

5 Configuring general policies

- Printer deployment.
- Script deployment.
- Manage servers/workstations via GPOs.
- Examples of use of general policies.

Hands-on work

Create GPOs for advanced administration of Windows 10 and Windows 11 workstations.

6 Securing servers and workstations with GPOs

- Implementation of LAPS.
- Manage SAM databases for servers and workstations.
- Manage domain equipment firewalls.
- Plan and implement audit strategies.
- Use the security configuration wizard.

Hands-on work

Define machine access rights. Implement an audit policy. Configure and manage firewall. Configure SAM database.

TEACHING AIDS AND TECHNICAL RESOURCES

- The main teaching aids and instructional methods used in the training are audiovisual aids, documentation and course material, hands-on application exercises and corrected exercises for practical training courses, case studies and coverage of real cases for training seminars.
- At the end of each course or seminar, ORSYS provides participants with a course evaluation questionnaire that is analysed by our instructional teams.
- A check-in sheet for each half-day of attendance is provided at the end of the training, along with a course completion certificate if the trainee attended the entire session.

TERMS AND DEADLINES

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

ACCESSIBILITY FOR PEOPLE WITH DISABILITIES

Do you need special accessibility accommodations? Contact Mrs. Fosse, Disability Manager, at psh-accueil@orsys.fr to review your request and its feasibility.

7 Troubleshooting Group Policies

- Resolve GPO conflicts.
- Group Policy Result Wizard.
- Group strategy modeling.
- Backup and restore GPOs.

Hands-on work

Model Group Policy results. Backup and restore GPOs.

Dates and locations

REMOTE CLASS

2026 : 18 Mar., 8 June, 23 Sep., 14 Dec.