Course : Windows 2016, Group Policies

Practical course - 3d - 21h00 - Ref. SGU
Price : 1800 € E.T.

★★★★★ **5 / 5**

Learn how to manage Group Policies in Windows Server 2016. 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

Intended audience
System/network administrators and engineers.

Prerequisites
Basic knowledge of Windows server and workstation administration.

Course schedule

1 How group strategies work

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

Hands-on work
Creating and linking Group Policy objects. Filter object deployment.

PARTICIPANTS
System/network administrators and engineers.

PREREQUISITES
Basic knowledge of Windows server and workstation 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.

2 Managing GPOs with GPMC

- 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 settings.
- Targeting parameters with the Targeting Editor.
- Task planning.

Hands-on work
Configure IE configuration preferences, network drives and scheduled tasks.

5 General policies

- Printer deployment.
- Script deployment.
- Manage tablets via GPOs.
- Examples of use of general policies.

Hands-on work
Create GPOs for advanced station and tablet administration.

6 Advanced policies and security

- Install and update software.
- Plan and implement audit strategies.
- Manage SAM databases for computers and servers.
- The Security Configuration Wizard.

Hands-on work
Deploy software packages. Implement an Audit policy. Configure and manage firewall. Configure SAM database.

7 Troubleshooting group strategies

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

Hands-on work
Model Group Policy results. Backup and restore GPOs.