



Stefan Kania
IT-Consulting durch Training

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Seminar

Setting up and managing a Samba domain

Learn how to set up a new Samba environment or convert an existing Windows environment with Active Directory to Samba Active Directory, and discover what other possibilities Samba offers besides setting up an Active Directory.

Prior knowledge

Basic knowledge of the Linux command line is required. Knowledge of Active Directory is helpful but not required.

Prerequisites

A virtual environment with three Debian 12 systems and at least one Windows system. The RSAT must be installed on the Windows system. The seminar will be conducted via Opentalk, a web cam is required.

Seminar content

- Basics of Samba
- Different versions, protocols, installation types
- Installation of the first DCs
- Different options for DNS servers in AD
- Setting up BIND9 as a DNS server
- Group and user management with different tools
- Managing shares in smb.conf and the registry
- The special shares “sysvol”, “netlogon” and “homes”
- Providing shares via GPOs
- Server-stored profiles together with folder redirection

- Managing domain controllers
- File system permissions so that you can manage authorized users on a Samba file server in accordance with Windows
- Managing group policies and sites
- GPOs for Linux clients
- Managing Windows and Linux clients in the domain
- Uniform ID mapping on all servers
- Migration from Windows Active Directory
- Setting up authentication policies and silos
- Use of the FAST protocol
- Disaster recovery of a complete Samba Active Directory domain
- Troubleshooting and debugging

Objectives

At the end of the seminar, you will be able to set up an Active Directory structure consisting of several servers, migrate an existing structure, and plan and manage an Active Directory based on Samba4. You will also be able to restore an Active Directory from a backup. You can also manage Linux clients via the GPOs and are able to set up a print server for all client systems.

Important information about the course

The seminar is based on Samba 4.22, the current version of Samba, and takes place online. A minimum of 3 participants is required for the seminar to take place. If this number is not reached, I will inform you promptly about alternative dates or options. Maximum number of participants: 8 people. You will be notified as soon as the required minimum number of participants is reached.

Times:

Monday to Thursday, 9:00 a.m. to 12:30 p.m. and 1:30 p.m. to 5:00 p.m.

Friday 9:00 a.m. to 12:00 p.m. and 1:00 p.m. to 3:00 p.m.

Two coffee breaks are scheduled and will be flexibly adjusted to the learning progress and dynamics of the group to ensure optimal learning.

Dates:

November 10, 2025 to November 14, 2025 (5 days) Registration by October 29, 2025 at the latest.

Registration start:

Immediately

Price:

Please inquire about the price.

IBAN: DE42 1001 1001 2627 8157 76

BIC: NTSBDEB1XXX

Your place in the seminar is only secured once the amount has been received on time. If the deadline (2 days before the start of the seminar) is not met, your place in the seminar will be given to someone else.