

Definitive Samba for engineers

A 2 day **Hands on** training course



Description

Samba enables UNIX/Linux machines to act as Microsoft File and Print servers. This two day hands on training course progresses from the basics of installing samba and simple configurations through to authentication issues and troubleshooting.



Key outcomes

By the end of the course delegates will be able to:

- ✓ Install and configure Samba.
- ✓ Administrate file and printer sharing.
- ✓ Secure Samba servers.
- ✓ Troubleshoot Samba



Training approach

This structured course uses Instructor Led Training to provide the best possible learning experience. Small class sizes ensure students benefit from our engaging and interactive style of teaching with delegates encouraged to ask questions throughout the course. Quizzes follow each major section allowing checking of learning. Hands on sessions are used throughout to allow delegates to consolidate their new skills.



Details

Who will benefit?

Technical staff working with Samba.

Prerequisites

Intro to UNIX Systems Administration.
TCP/IP foundation for engineers.

Duration: 2 days

Customer rating: New course

Generic training



Generic training compliments product specific courses covering the complete picture of all relevant devices including the protocols "on the wire".

"Friendly environment with expert teaching that teaches the why before the how."
G.C. Fasthosts

Small class sizes



We limit our maximum class size to 8 delegates; often we have less than this. This ensures optimal interactivity between delegates and instructor.

"Excellent course. The small class size was a great benefit..."
M.B. IBM

Hands On training



The majority of our courses use hands on sessions to reinforce the theory.

"Not many courses have practice added to it. Normally just the theoretical stuff is covered."
J.W. Vodafone

Our courseware



We write our own courses; courseware does not just consist of slides and our slides are diagrams not bullet point text.

"Comprehensive materials that made the course easy to follow and will be used as a reference point."
V.B. Rockwell Collins

Customise your course



Please contact us if you would like a course to be customised to meet your specific requirements. Have the course your way.

"I was very impressed by the combination of practical and theory. Very informative. Friendly approachable environment, lots of hands on."
S.R. Qinetiq

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Course content

What is Samba?

File and print servers, Samba server roles, Windows networking, NetBIOS, SMB. Hands on: Microsoft File and Print shares, analysing the network traffic.

Installing Samba

Source, binaries, where to find samba, building and compiling Samba. Hands on: Download and install Samba.

Controlling Samba

Samba daemons, starting and stopping Samba, smbcontrol, Samba net command, smb.conf. Viewing Samba status, smbclient. Hands on: Starting and stopping Samba, testing the server.

Samba configuration

Simple shares, smb.conf variables, configuration from a web browser, swat, enabling access to swat. Hands on: Configuring samba servers and clients.

File sharing

Basic shares, [homes], locking options, UNIX file permissions, controlling user access, Windows ACLs, virtual samba servers, browsing. Hands on: File sharing and browsing.

Print sharing

Sharing printers, UNIX printing, CUPS, printer drivers, [printers], PRINT\$. Hands on: Samba print server.

Authentication

Workgroups, domains, users and passwords, Samba domain security, Samba password backends: smbpasswd, tdbsam, nisplus, mysql, Active Directory. Hands on: Securing samba shares.

Troubleshooting

Logging options, controlling logs, Samba utilities, network protocols, .SMB/CIFS. Performance tuning. Hands on: Troubleshooting Samba

What our customers say

"Absolutely brilliant, very knowledgeable and helpful trainer would recommend to teach anyone. Kept me interested 100% of the time which is very impressive as this does not happen often, if at all!"

O. B. Network Rail

"The best technical course I've been on!"

L. W. Fujitsu Telecoms Europe

"Very well thought out and structured course. Would recommend 100%. Lots of equipment, good quality."

A.R. Unipart

"Course content is interesting. Relevant to current systems and presented well."

S.S-T. Arqiva

Step back

Introduction to UNIX systems administration

Definitive Samba for engineers

Step forward

Server Load Balancing for engineers

Definitive DNS for engineers