

samba(7) - Linux man page

Name

samba - A Windows SMB/CIFS fileserver for UNIX

Synopsis

samba

Description

The Samba software suite is a collection of programs that implements the Server Message Block (commonly abbreviated as SMB) protocol for UNIX systems. This protocol is sometimes also referred to as the Common Internet File System (CIFS). For a more thorough description, see <http://www.ubiqx.org/cifs/>. Samba also implements the NetBIOS protocol in nmbd.

smbd(8)

The smbd daemon provides the file and print services to SMB clients, such as Windows 95/98, Windows NT, Windows for Workgroups or LanManager. The configuration file for this daemon is described in **smb.conf**(5)

nmbd(8)

The nmbd daemon provides NetBIOS nameservice and browsing support. The configuration file for this daemon is described in **smb.conf**(5)

smbclient(1)

The smbclient program implements a simple ftp-like client. This is useful for accessing SMB shares on other compatible servers (such as Windows NT), and can also be used to allow a UNIX box to print to a printer attached to any SMB server (such as a PC running Windows NT).

testparm(1)

The testparm utility is a simple syntax checker for Samba's **smb.conf**(5) configuration file.

smbstatus(1)

The smbstatus tool provides access to information about the current connections to smbd.

nmblookup(1)

The nmblookup tools allows NetBIOS name queries to be made from a UNIX host.

smbpasswd(8)

The smbpasswd command is a tool for changing LanMan and Windows NT password hashes on Samba and Windows NT servers.

smbcacs(1)

The smbcacs command is a tool to set ACL's on remote CIFS servers.

smbtree(1)

The smbtree command is a text-based network neighborhood tool.

smbtar(1)

The smbtar can make backups of data on CIFS/SMB servers.

smbspool(8)

smbspool is a helper utility for printing on printers connected to CIFS servers.

smbcontrol(1)

smbcontrol is a utility that can change the behaviour of running samba daemons.

rpcclient(1)

rpcclient is a utility that can be used to execute RPC commands on remote CIFS servers.

pdbedit(8)

The pdbedit command can be used to maintain the local user database on a samba server.

findsmb(1)

The findsmb command can be used to find SMB servers on the local network.

net(8)

The net command is supposed to work similar to the DOS/Windows NET.EXE command.

swat(8)

swat is a web-based interface to configuring smb.conf.

winbindd(8)

winbindd is a daemon that is used for integrating authentication and the user database into unix.

wbinfo(1)

wbinfo is a utility that retrieves and stores information related to winbind.

profiles(1)

profiles is a command-line utility that can be used to replace all occurrences of a certain SID with another SID.

log2pcap(1)

log2pcap is a utility for generating pcap trace files from Samba log files.

vfstest(1)

vfstest is a utility that can be used to test vfs modules.

ntlm_auth(1)

ntlm_auth is a helper-utility for external programs wanting to do NTLM-authentication.

smbcquotas(1)

smbcquotas is a tool that can set remote QUOTA's on server with NTFS 5.

Components

The Samba suite is made up of several components. Each component is described in a separate manual page. It is strongly recommended that you read the documentation that comes with Samba and the manual pages of those components that you use. If the manual

pages and documents aren't clear enough then please visit <http://devel.samba.org> for information on how to file a bug report or submit a patch.

If you require help, visit the Samba webpage at <http://www.samba.org/> and explore the many options available to you.

Availability

The Samba software suite is licensed under the GNU Public License (GPL). A copy of that license should have come with the package in the file COPYING. You are encouraged to distribute copies of the Samba suite, but please obey the terms of this license.

The latest version of the Samba suite can be obtained via anonymous ftp from samba.org in the directory `pub/samba/`. It is also available on several mirror sites worldwide.

You may also find useful information about Samba on the newsgroup `comp.protocol.smb` and the Samba mailing list. Details on how to join the mailing list are given in the README file that comes with Samba.

If you have access to a WWW viewer (such as Mozilla or Konqueror) then you will also find lots of useful information, including back issues of the Samba mailing list, at <http://lists.samba.org>.

Version

This man page is correct for version 3 of the Samba suite.

Contributions

If you wish to contribute to the Samba project, then I suggest you join the Samba mailing list at <http://lists.samba.org>.

If you have patches to submit, visit <http://devel.samba.org/> for information on how to do it properly. We prefer patches in diff -u format.

Contributors

Contributors to the project are now too numerous to mention here but all deserve the thanks of all Samba users. To see a full list, look at the change-log in the source package for the pre-CVS changes and at <http://cvs.samba.org/> for the contributors to Samba post-CVS. CVS is the Open Source source code control system used by the Samba Team to develop Samba. The project would have been unmanageable without it.

Author

The original Samba software and related utilities were created by Andrew Tridgell. Samba is now developed by the Samba Team as an Open Source project similar to the way the

Linux kernel is developed.

The original Samba man pages were written by Karl Auer. The man page sources were converted to YODL format (another excellent piece of Open Source software, available at <ftp://ftp.icce.rug.nl/pub/unix/>) and updated for the Samba 2.0 release by Jeremy Allison. The conversion to DocBook for Samba 2.2 was done by Gerald Carter. The conversion to DocBook XML 4.2 for Samba 3.0 was done by Alexander Bokovoy.

Referenced By

[libsmbclient](#)(7), [lmhosts](#)(5), [nmblookup4](#)(1), [pam_winbind](#)(7), [pam_winbind](#)(8), [pam_winbind.conf](#)(5), [pmdasamba](#)(1), [sharesec](#)(1), [smbget](#)(1), [smbgetrc](#)(5), [smbpasswd](#)(5), [umount.cifs](#)(8), [vfs_acl_tdb](#)(8), [vfs_acl_xattr](#)(8), [vfs_aio_fork](#)(8), [vfs_aio_linux](#)(8), [vfs_aio_pthread](#)(8), [vfs_audit](#)(8), [vfs_cacheprime](#)(8), [vfs_cap](#)(8), [vfs_catia](#)(8), [vfs_commit](#)(8), [vfs_crossrename](#)(8), [vfs_default_quota](#)(8), [vfs_dirstort](#)(8), [vfs_extd_audit](#)(8), [vfs_fake_perms](#)(8), [vfs_fileid](#)(8), [vfs_full_audit](#)(8), [vfs_gpfs](#)(8), [vfs_media_harmony](#)(8), [vfs_netatalk](#)(8), [vfs_notify_fam](#)(8), [vfs_prealloc](#)(8), [vfs_preopen](#)(8), [vfs_readahead](#)(8), [vfs_readonly](#)(8), [vfs_recycle](#)(8), [vfs_shadow_copy](#)(8), [vfs_shadow_copy2](#)(8), [vfs_smb_traffic_analyzer](#)(8), [vfs_streams_depot](#)(8), [vfs_streams_xattr](#)(8), [vfs_time_audit](#)(8), [vfs_tsmasm](#)(8), [vfs_xattr_tdb](#)(8), [winbind_krb5_locator](#)(7)