

**NAME**

locktest - Find differences in locking between two SMB servers

**SYNOPSIS**

**locktest** {*//server1/share1*} {*//server2/share2*} [-U *user%pass*] [-U *user%pass*] [-s *seed*] [-o *numops*]  
[-a] [-O] [-E] [-Z] [-R *range*] [-B *base*] [-M *min*]

**DESCRIPTION**

locktest is a utility for detecting differences in behaviour in locking between SMB servers. It will run a random set of locking operations against *//server1/share1* and then the same random set against *//server2/share2* and display the differences in the responses it gets.

This utility is used by the Samba team to find differences in behaviour between Samba and Windows servers.

**OPTIONS**

-U *user%pass*

Specify the user and password to use when logging on on the shares. This parameter can be specified twice (once for the first server, once for the second).

-s *seed*

Seed the random number generator with the specified value.

-o *numops*

Set the number of operations to perform.

-a

Print the operations that are performed.

-A

Backtrack to find minimal number of operations required to make the response to a certain call differ.

-O

Enable oplocks.

-u

Hide unlock fails.

-E

enable exact error code checking

-Z

enable the zero/zero lock

-R range

set lock range

-B base

set lock base

-M min

set min lock length

-k

Use kerberos

## VERSION

This man page is correct for version 4.0 of the Samba suite.

## SEE ALSO

Samba

## AUTHOR

This utility is part of the **Samba**[1] suite, which is developed by the global **Samba Team**[2].

locktest was written by Andrew Tridgell.

This manpage was written by Jelmer Vernooij.

## NOTES

1. Samba  
<http://www.samba.org/>
2. Samba Team  
<http://www.samba.org/samba/team/>