

**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/>