

**NAME**

vfs\_aio\_thread - implement async open in Samba vfs using a pthread pool

**SYNOPSIS**

vfs objects = aio\_thread

**DESCRIPTION**

This VFS module is part of the **samba(7)** suite.

The aio\_thread VFS module enables asynchronous opens (for new files) with **aio\_thread:aio open = yes** on platforms which have the pthreads API available, support the openat() syscall and support per thread credentials (modern Linux kernels).

The module makes use of the global thread pool which uses the **aio max threads** option.

This module **MUST** be listed last in any module stack as the Samba VFS open interface is not thread-safe. This module makes direct openat() system calls and does NOT call the Samba VFS open interfaces.

**EXAMPLES**

Straight forward use:

```
[cooldata]
  path = /data/ice
  vfs objects = aio_thread
  aio_thread:aio open = yes
```

**OPTIONS**

aio\_thread:aio open = BOOL

Try async opens for creating new files.

The default is 'no'.

**VERSION**

This man page is part of version 4.13.17 of the Samba suite.

**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.