

**NAME**

vfs\_media\_harmony - Allow multiple Avid clients to share a network drive.

**SYNOPSIS**

vfs objects = media\_harmony

**DESCRIPTION**

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

The `vfs_media_harmony` VFS module allows Avid editorial workstations to share a network drive. It does this by:

1.  
each client their own copy of the Avid `msmMMOB.mdb` and `msmFMID.pmr` files and Creating directories.
2.  
each client to explicitly control the write time the Avid application sees on Avid media directories.

This module is stackable.

**CONFIGURATION**

`vfs_media_harmony` automatically redirects requests from clients for Avid database files or an Avid Creating directory to a client-specific version of the file. No configuration beyond enabling the module is needed to get this portion of its functionality working.

If Mac and Windows Avid clients will be accessing the same folder, they should be given separate share definitions, with hidden Mac files vetoed on the Windows share. See **EXAMPLES**.

To allow each client to control when the Avid application refreshes their Avid databases, create files for each client and each Avid media directory with the name `[avid_dir_name]_[client_ip_address]_[client_username]`. To trigger Avid database refreshes, update the write time on those files. See **EXAMPLES**.

It is also necessary for the cache locked write times = no option to be set for clients to be able to control their Avid media folder write times.

**EXAMPLES**

Enable `media_harmony` for Mac and Windows clients:

```
[avid_mac]
  path = /avid
  vfs objects = media_harmony
  cache locked write times = no
[avid_win]
  path = /avid
  vfs objects = media_harmony
  cache locked write times = no
  veto files = /.DS_Store/./_@/./Trash@/./Spotlight@/./hidden/.hotfiles@/./vol/
  delete veto files = yes
```

Create the files that will allow users david and susan to control their own Avid database refreshes:

```
touch '/avid/OMFI MediaFiles_192.168.1.10_david' \
'/avid/OMFI MediaFiles_192.168.1.11_susan' \
'/avid/Avid MediaFiles/MXF/1_192.168.1.10_david' \
'/avid/Avid MediaFiles/MXF/1_192.168.1.11_susan'
```

Trigger an Avid database refresh for user david:

```
touch '/avid/OMFI MediaFiles_192.168.1.10_david' \
'/avid/Avid MediaFiles/MXF/1_192.168.1.10_david'
```

If you have a large number of Avid media folders to manage, you can give each editor a suitably modified version of `examples/scripts/vfs/media_harmony/trigger_avid_update.py` to create and update these files.

## CAVEATS

`vfs_media_harmony` is designed to work with Avid editing applications that look in the Avid MediaFiles or OMFI MediaFiles directories for media. It is not designed to work as expected in all circumstances for general use. For example: It is possible to open a client-specific file such as `msmMMOB.mdb_192.168.1.10_userx` even though it doesn't show up in a directory listing.

## VERSION

This man page is part of version 4.16.11 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.