

Recommended Settings for 2008 / Win7 Servers

(Server 2008, OR Windows Vista or Win 7 used as peer to peer server)

MS Windows Vista®, MS Windows Server 2008®, MS Windows 7® are Operating Systems that employ certain technical features that when used together on a network, need to be changed in order for AVM-2000 to run properly. Using AVM-2000 in multi-user/networked mode on any combination of these platforms may cause certain types of database file corruption in AVM-2000 files. Win7® - Server2008®, Vista® - Server2008®, Win7® - Win7®, and Vista® - Vista® are combinations of Workstations and Servers that could potentially have the problem. (Windows XP does not experience these problems.)

If you are planning to use Server 2008 with MS Vista® or MS Win7® workstations together on a network, OR if you experience AVM-2000 data corruption or AVM-2000 messages regarding “attempting to lock files”, and you are using MS® Server2008 you should use the information below to make modifications to your Windows Registry.

Microsoft® has acknowledged these problems and has released Knowledge Base articles to help address the issues. Technically, users need to force the computer(s) to use SMB1 - which has to do with local workstation caching of data from the server, in a shared database system such as AVM-2000 uses.

The server's registry will need to be edited. “OpLocks” needs be disabled on the Server after you know that you have disabled SMB2. TangoWare recommends that you have an IT specialist do this for you. There are precautions needed when editing the registry.

Disabling SMB2 on Windows® Servers (Server computer with AVM2000 Primary installed)

To disable SMB2 on a Windows Server 2008, or Windows Vista or Win 7 PC peer to peer server (a Windows® PC that hosts an embedded database table accessed from another PC), change or add the following Registry values:

HKEY_LOCAL_MACHINE\System\CurrentControlSet\Services\LanmanServer\Parameters
SMB2 = 0

Disabling OpLocks on Windows® Servers (Server computer with AVM2000 Primary installed)

To disable OpLocks on a Windows Server 2008, or Windows Vista or Win 7 PC peer to peer server (a Windows® PC that hosts an embedded database table accessed from another PC), change or add the following Registry values:

HKEY_LOCAL_MACHINE\System\CurrentControlSet\Services\LanmanServer\Parameters
EnableOplocks = 0

You must reboot the server for the above changes to take effect.

The above entries should be sufficient to resolve any of the corruption or file locking issues. However, if you continue to experience difficulties, please use the information below to make additional modifications to workstations.

Disabling OpLocks on Windows® Client PCs (ie: Vista or Win 7 WorkStations with AVM2KWS installed)

To disable OpLocks on a Windows® client PC (a Windows® Vista or 7 PC that accesses an embedded database table hosted on another PC), change or add the following Registry values:

HKEY_LOCAL_MACHINE\System\CurrentControlSet\Services\MRXSmb\Parameters
OplocksDisabled = 1

You must reboot all Workstations for the above changes to take effect.

Please contact TangoWare with any questions that you may have.