Connection problems: I get Error no. 2002. Can't connect to local MySQL server through socket ...

This can occur when connecting using HTTP-tunneling to a MySQL server running on Unix/Linux platforms.

MySQL writes [this](#) about this issue.

How to cope with this would depend on which webserver and which php version is used. But here is a workaround that has worked with Apache:

if the directory /var/lib/mysql doesn't exist than create it and chown to user mysql:
"mkdir /var/lib/mysql; chown mysql /var/lib/mysql"

Then edit the /etc/my.cnf file and specify
[mysqld]
socket=/var/lib/mysql/mysql.socket
[client]
socket=/var/lib/mysql/mysql.socket

and restart the mysql server (**"etc/init.d/mysql restart"**)

That is enough for MysSQL. However the chances are that php was compiled with a different default mysql socket location (e.g. **/tmp/mysql.sock**). In which case you have to edit the php.ini file and find the variable "mysql.default_socket". Set this to the above value

mysql.default_socket = /var/lib/mysql/mysql.socket

and restart Apache to re-read the php.ini file

If you don't have access to the configurations files and system command-line then you must ask your Sys Admin/support to help with this!

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