

QGIS Application - Bug report #13550

Add missing authentication system support to QGIS Server and master password setting

2015-10-08 03:39 PM - Larry Shaffer

Status:	Closed	
Priority:	High	
Assignee:	Larry Shaffer	
Category:	Authentication system	
Affected QGIS version:	master	Regression?: No
Operating System:	unspecified	Easy fix?: No
Pull Request or Patch supplied:		Resolution:
Crashes QGIS or corrupts data:		Copied to github as #: 21592
Description		
<p>QGIS Server is missing authentication system support (add it), also when launching there is no means of defining the authentication system master password.</p> <p>Approach to a fix for master password setting:</p> <p>Add support for passing the master password as an environment variable to a password file, like is done with Postgres and other setups. For example, an env var like QGIS_AUTH_PASSWORD_PATH could be set to a filepath. In QgsAuthManager::instance()->init() the variable could be read, password loaded, then the variable unset in the env. This would also make a great way to allow using Desktop without having to enter your master password every session.</p> <p>Similarly, the master password could be in an OS's keychain or keyring and be auto-input in the background on launch if that user's OS key cache is unlocked. See Matthias's suggestion for that.</p> <p>Currently, the master password auto-set can be set via Python, or by way of a custom C++ plugin, on launch setups using a call to QgsAuthManager::instance()->setMasterPassword("mypassword", true). However, I think many of the Python bindings should be blocked for the initial release. So, setting an env variable to a password file path seems like a good start, especially for QGIS Server.</p> <p>Note: for Server, you can already use QGIS_AUTH_DB_DIR_PATH to set the path to a qgis-auth.db dir on the server.</p>		

Associated revisions

Revision 0164b09d - 2015-10-12 05:45 PM - Larry Shaffer

[auth] Fix #13550; add auth support to Server; read master password file

History

#1 - 2015-10-08 04:09 PM - Larry Shaffer

- Subject changed from QGIS Server can not auto-set authentication system master password to Add missing authentication system support to QGIS Server and master password setting

#2 - 2015-10-12 08:47 AM - Larry Shaffer

- Status changed from Open to Closed

Fixed in changeset commit:"0164b09d6d4c52b8c58d9bcf86dc4c3b96ab271a".