

2018 Jul 11

Updated - Installing Apache, QGIS Server, and Lizmap Web Client on Windows OS

Part 1: QGIS Server and Lizmap

NOTE: This post has been updated to include my configuration files for those who want to compare their own files with mine. You can download the files at the end of this post. Please keep in mind that I cannot guarantee that this process will work for you.

This is an updated version of my previous blog post on [installing Apache, QGIS Server, and Lizweb Map on Windows OS](#) - this time using **Apache 2.4.33, QGIS Server LTR 2.18.21 and Lizmap Web Client 3.1.12**. I just updated my Windows Server 2016 and needed to redo my GIS server. This post includes screenshots so hopefully it will be more helpful with details. This shows the process on my Windows 10 Pro laptop but should be the same for a Windows Server 2016 (which I've done at my work). If this helps you or if you find any errors or have any suggestions, let me know in the comments section.

For my test on my Windows 10 Pro laptop, I have everything on the same machine. But on the Windows Server 2016 machine, I have QGIS Desktop with Lizmap Web Plugin on a different machine. For my installation I put Apache and Lizmap side-by-side inside a C:/webserver directory. You can however, put your installations inside of Apache root directory (e.g. C:/Apache24/Lizmap) or inside Apache htdocs directory (e.g. C:/Apache24/htdocs/lizmap). If installation of Lizmap and Apache are side by side or Lizmap is inside Apache root directory then you need to properly configure the virtual hosts.

Software Used/Requirements:

- Lizmap and QGIS Server must be on same machine
- QGIS Server LTR 2.18.21 (installed via OSGeo4W x64)
- QGIS Desktop (installed via OSGeo4W x64)
- Lizmap Web Plugin (installed via QGIS Desktop plugin manager)

- Lizmap Web Client 3.1.12
- Apache 2.4.33
 - mod fcgid
 - C++ Redistributable VS 2015
 - PHP 7.2.7

Part 1: Set up workspace

You can choose how you set up your workspace environment, but for this guide the following setup is used.

1. Optional - turn off IIS if enabled in Windows. I have it enabled so I turned it off so I can use the default port 80.
2. Set up a home workspace on your local drive - for simplicity sake, I have a directory called webserver on my drive that I will use as my workspace (e.g. C:\webserver)

Part 2: Install and Configure Apache

For more info on using Apache for Windows - see this

link: <https://httpd.apache.org/docs/2.4/platform/windows.html>

1. Download Apache and needed components

Go to apachelounge.com/download page and download the appropriate software for your Windows OS. Here's what I'm using:

- Apache 2.4.33 Win64: [httpd-2.4.33-win64-VC15.zip](#)
- mod_fcgid: [mod_fcgid-2.3.9-win64-VC15.zip](#)
- Visual C Redistributable Package: [vc_redist_x64](#)

Note: The Visual C Redistributable Package is needed to run Apache HTTPD as a Windows Service but the version required will depend on which binary you are installing: If you are installing Apache 2.4 VC15 then you need Microsoft Visual Studio C 2017 Redistributable.

Be sure !! that you have installed the latest C++ Redistributable Visual Studio 2017 - **Install this package first** if you don't already have it installed : [vc_redist_x64](#) or [vc_redist_x86](#)

2. Install the C++ VS 2017 redistributable that you downloaded first if you don't have it installed already

3. Extract from httpd-2.4.33-win64-VC15.zip the **Apache24** folder and put into your webserver directory (e.g. C:\webserver\Apache24)
4. Extract mod_fcgid-2.3.9-win64-VC15.zip\mod_fcgid-2.3.9 folder then copy **mod_fcgid.so** and put into your \Apache24\modules folder (e.g. C:\webserver\Apache24\modules)
5. Change configuration in \Apache24\conf\httpd.conf file (e.g. C:\webserver\Apache24\conf\httpd.conf). In a text editor (I use notepad++) open the httpd.conf file and edit it

- a. Replace all occurrences of c:/Apache24 to c:/webserver/Apache24 or where ever you have your Apache24 folder.
 - b. Find where it says “ServerName” – this should be ServerName localhost:80 (if using default port 80) or if not using default port then it should be ServerName localhost:port (e.g. ServerName localhost:90).
- Uncomment the ServerName line - that is remove the # character
 - Change from ServerName www.example.com:80 to ServerName localhost:80
 -

```
220 # it explicitly to prevent pro
221 #
222 # If your host doesn't have a
223 #
224 ServerName localhost:80
225
226 #
```

- c. Optional - Find where it says “Listen 80” to and change the port number if not using the default 80 (e.g. Listen 90). You need to use a port that is not already in used by another service.
- d. Find where it says “DirectoryIndex index.html” and add index.php (e.g. DirectoryIndex index.html index.php)

```
278 # DirectoryIndex: sets the file that Apache will serve :
279 # is requested.
280 #
281 <IfModule dir_module>
282     DirectoryIndex index.html index.php
283 </IfModule>
284
```

- e. Save your changes. You can keep the configuration file open

6. **Check to see if Apache will start.** To quickly check to see Apache configurations work and to see if Apache starts up correctly you can run the httpd.exe as a console application. You can use the command window (CMD) to run the httpd.exe or go into the directory where httpd.exe is located and run as admin.

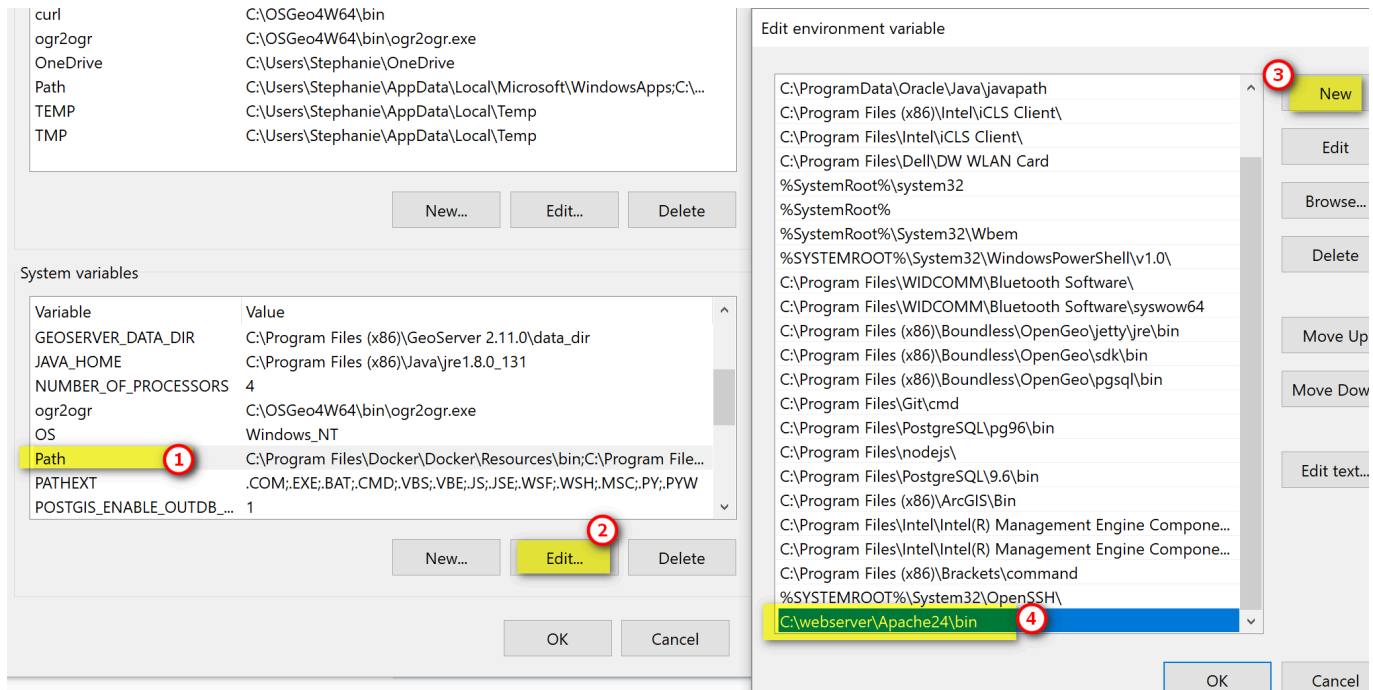
- a. Go to \Apache24\bin folder (e.g. C:\webserver\Apache24\bin) and right click on httpd.exe and run as administrator
- b. If you get a pop up, allow the app to run - you should then get a console window (black window) that pops up - keep this window open (if you close it, Apache will stop)



- c. Then in a web browser type in **http://localhost** or `http:localhost:port` and you should see a webpage with "It Works!" This means Apache is installed correctly
- d. To stop Apache you can just close the console window (black window above)

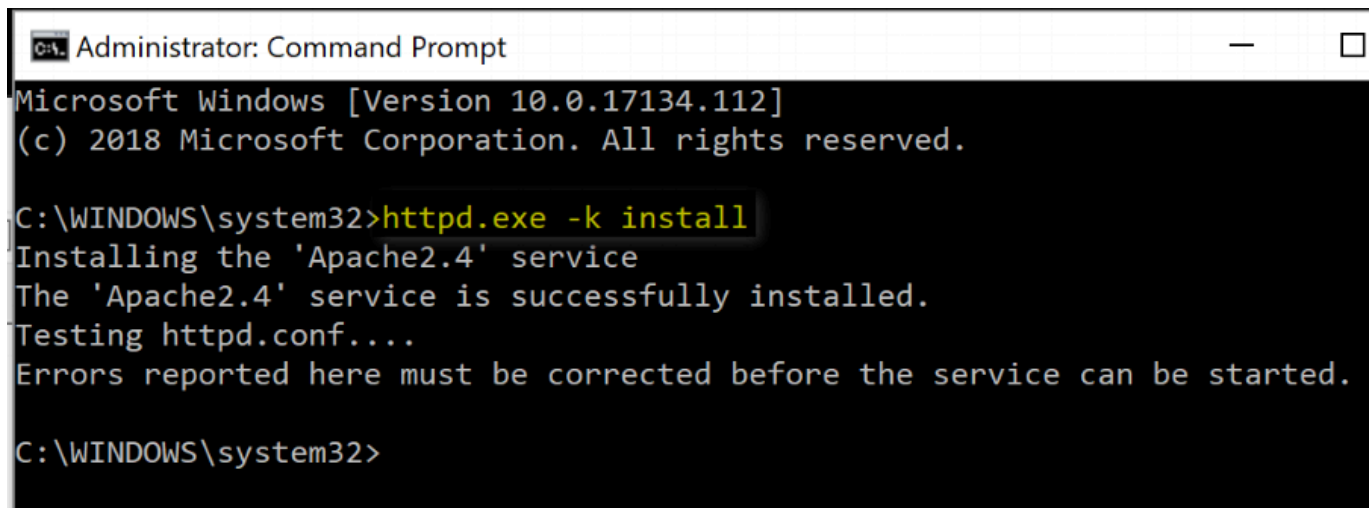
7. **Run Apache as a Windows Service** rather than as a console application. Running as a service should be preferred because this lets Apache end any current operations and clean up gracefully. See <https://httpd.apache.org/docs/2.4/platform/windows.html#winsvc> for more info.

- a. Optional - Append Apache to your Windows System Path so you can directly access Apache by just typing httpd.exe instead of the full pathname to it.



b. Start Apache as Windows Service:

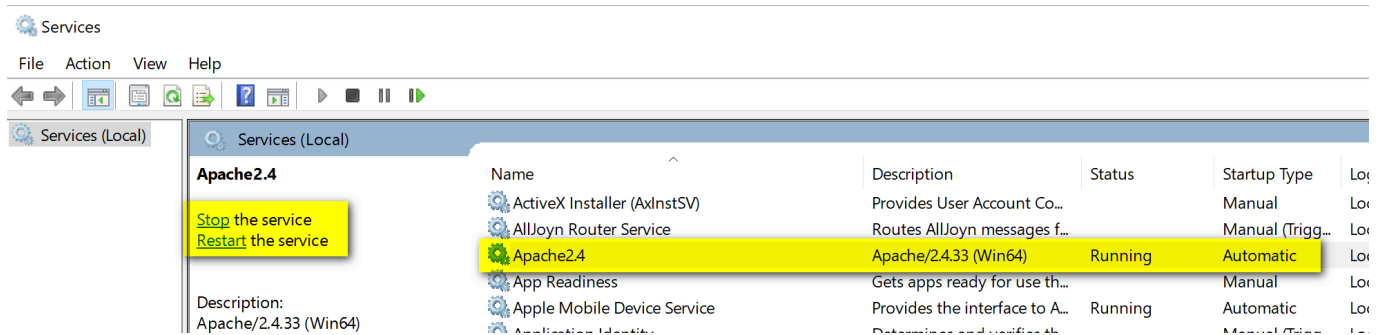
- Go to the Command Prompt (CMD) and run as administrator
- Install Apache as a service: **httpd.exe -k install**



- Open your Windows Services Manager: you should see Apache as a listed service.
 - Select Apache service and start it
 - Then in web browser, try **http://localhost** or **http://localhost:port** and you should get "It Works!"

- Stop the Apache service for now as you'll do more configuration - you can keep the services window open

Note: If you would rather start, stop, restart Apache in the Command Prompt window: use `httpd.exe -k restart`, `httpd.exe -k shutdown`



8. Edit Apache configuration (`httpd.conf`) to enable needed modules. Open **Apache24\conf\httpd.conf** (e.g. `C:\webserver\Apache24\conf\httpd.conf`) and edit it.

a. Remove the # character in front of each of the following module to enable it.

Note: If you don't see the module already in the file then you need to type it in - for example I had to insert `mod_fcgid.so` module

- `LoadModule actions_module modules/mod_actions.so`
- `LoadModule deflate_module modules/mod_deflate.so`
- `LoadModule expires_module modules/mod_expires.so`
- `LoadModule ext_filter_module modules/mod_ext_filter.so`
- `LoadModule fcgid_module modules/mod_fcgid.so`
- `LoadModule headers_module modules/mod_headers.so`
- `LoadModule ident_module modules/mod_ident.so`
- `LoadModule rewrite_module modules/mod_rewrite.so`
- `LoadModule ssl_module modules/mod_ssl.so`

Note: If you are using a different port than the default 80 then you need to also enable these modules as well.

- `LoadModule cache_module modules/mod_cache.so`
- `LoadModule cache_disk_module modules/mod_cache_disk.so`

- LoadModule proxy_module modules/mod_proxy.so
- LoadModule proxy_connect_module modules/mod_proxy_connect.so
- LoadModule proxy_fcgi_module modules/mod_proxy_fcgi.so
- LoadModule proxy_http_module modules/mod_proxy_http.so

b. Add the following code to the end of the httpd configuration file:

```
<IfModule mod_deflate.c>
SetOutputFilter DEFLATE
BrowserMatch ^Mozilla/4 gzip-only-text/html
BrowserMatch ^Mozilla/4\\.0[678] no-gzip
BrowserMatch \\bMSIE !no-gzip !gzip-only-text/html
SetEnvIfNoCase Request_URI \\.(?:gif|jpe?g|png|rar|zip)$ no-gzip dont-vary
Header append Vary User-Agent env=!dont-vary
</IfModule>
```

9. Save your changes to the configuration file and restart Apache service. See if you can still access Apache on localhost or localhost:port. I like to restart and check after each set of configuration changes so it's easy to keep track of errors should something not work.

Part 3: Install and Configure PHP

1. Go to [PHP download page](#) and download the appropriate file for your OS and Apache version installed from Part 2. I am using PHP 7.2 (7.2.7) [VC15 x64 Non Thread Safe](#)
2. Create a new php folder, called php72 or whatever you want. Extract the zipped file contents to your PHP folder inside your main webserver directory (e.g. C:\webserver\php72).
3. In the php folder there is a php-ini-production file, make a copy of this and rename the copy to **php-ini** - this will be the php configuration file you edit



4. Open **php.ini** file (e.g. C:\webserver\php72\php.ini) in a text editor and make the following changes

a. Find where it says ;extension_dir = "ext" and remove the ; character and replace "ext" with the path to your php ext folder (e.g. "C:/webserver/php72/ext")

```
735 ; Directory in which the loadable extensions (modules) reside.  
736 ; http://php.net/extension-dir  
737 ; extension_dir = "./"  
738 ; On windows:  
739 extension_dir = "C:/webserver/php72/ext"  
740
```

b. Enable the following php modules by removing the ; character

- extension=php_curl
- extension=php_fileinfo.
- extension=php_gd2
- extension=php_mbstring
- extension=php_pdo_pgsql
- extension=php_pdo_sqlite.
- extension=php_pgsql
- extension=php_sqlite3

```
891 ;
892 ;extension=bz2
893 extension=curl
894 extension=fileinfo
895 extension=gd2
896 ;extension=gettext
897 ;extension=gmp
898 ;extension=intl
899 ;extension=imap
900 ;extension=interbase
901 ;extension=ldap
902 extension=mbstring
903 ;extension=exif ; Must be after mbstring as it de
904 ;extension=mysqli
905 ;extension=oci8_12c ; Use with Oracle Database 12c In
906 ;extension=odbc
907 ;extension=openssl
908 ;extension=pdo_firebird
909 ;extension=pdo_mysql
910 ;extension=pdo_oci
911 ;extension=pdo_odbc
912 extension=pdo_pgsql
913 extension=pdo_sqlite
914 extension=pgsql
915 ;extension=shmop
916
917 ; The MIBS data available in the PHP distribution must
918 ; See http://www.php.net/manual/en/snmp.installation.p
919 ;extension=snmp
920
921 ;extension=soap
922 ;extension=sockets
923 extension=sqlite3
924 ;extension=tidy
925 ;extension=xmlrpc
926 ;extension=xsl
```

c. Find where it says "upload_max filesize" and change it to 15M

d. Find where it says "post_max_size" and change it to 15M

```

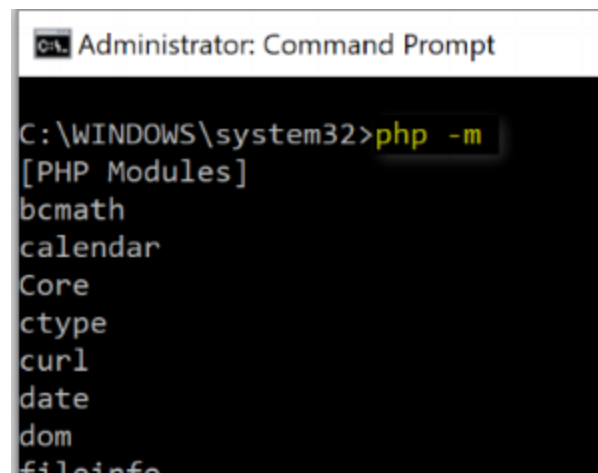
823 ; Maximum allowed size for uploaded files.
824 ; http://php.net/upload-max-filesize
825 upload_max_filesize = 15M
826
668 ; Maximum size of POST data that PHP will acc
669 ; Its value may be 0 to disable the limit. It
670 ; is disabled through enable_post_data_readin
671 ; http://php.net/post-max-size
672 post_max_size = 15M
673

```

e. Save your configuration changes to the php.ini file

5. Add PHP to your Windows System Path (e.g. add C:\webserver\php72 to your Windows system path - same as in Part 2, step 7)

6. Open Command Prompt and check to see if PHP is correctly declared in system path: run CMD as admin, then type in **php -m**. You should get a list of php modules back.



```

Administrator: Command Prompt
C:\WINDOWS\system32>php -m
[PHP Modules]
bcmath
calendar
Core
ctype
curl
date
dom
fileinfo

```

Part 4: Configure Apache for Using PHP

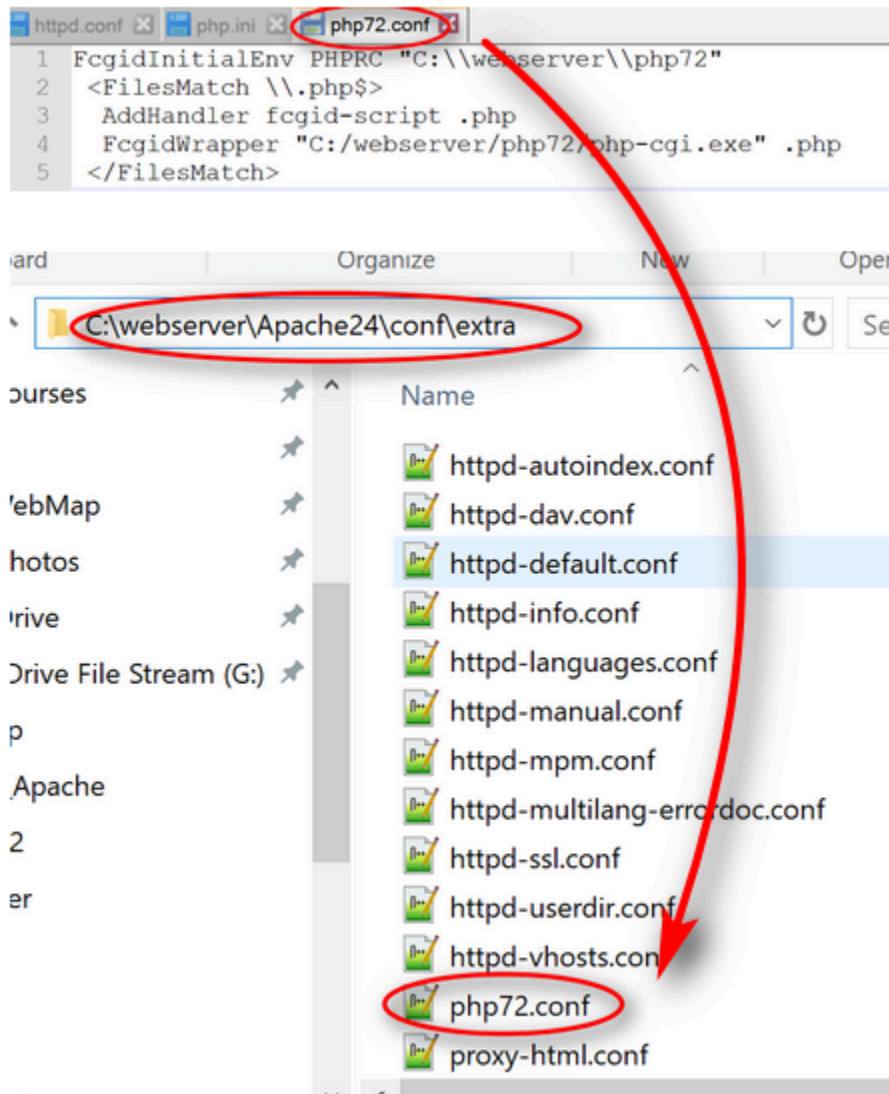
1. Open a new file in a text editor then put in the following code - save the file as **php72.conf** in **\Apache24\conf\extra** folder (e.g. C:\webserver\Apache24\conf\extra\php72.conf)

```

FcgidInitialEnv PHPRC "C:\\webserver\\php72"
<FilesMatch \\.php$>
    AddHandler fcgid-script .php

```

```
FcgidWrapper "C:/webserver/php72/php-cgi.exe" .php
</FilesMatch>
```



2. Open and edit Apache **httpd.conf** file (e.g. C:\webserver\Apache24\conf\httpd.conf)

- Uncomment or remove the # character: Include conf/extra/httpd-vhosts.conf
- Save changes to file

```
506  
507 # Virtual hosts  
508 Include conf/extra/httpd-vhosts.conf  
509
```

3. Open and edit **httpd-vhosts.conf** file (e.g. C:\webserver\Apache\Conf\extra\httpd-vhosts.conf) for use with Lizmap

- a. Delete the two examples that are included in the file and insert the following code. Note: don't forget to change the port if you're using something other than default 80

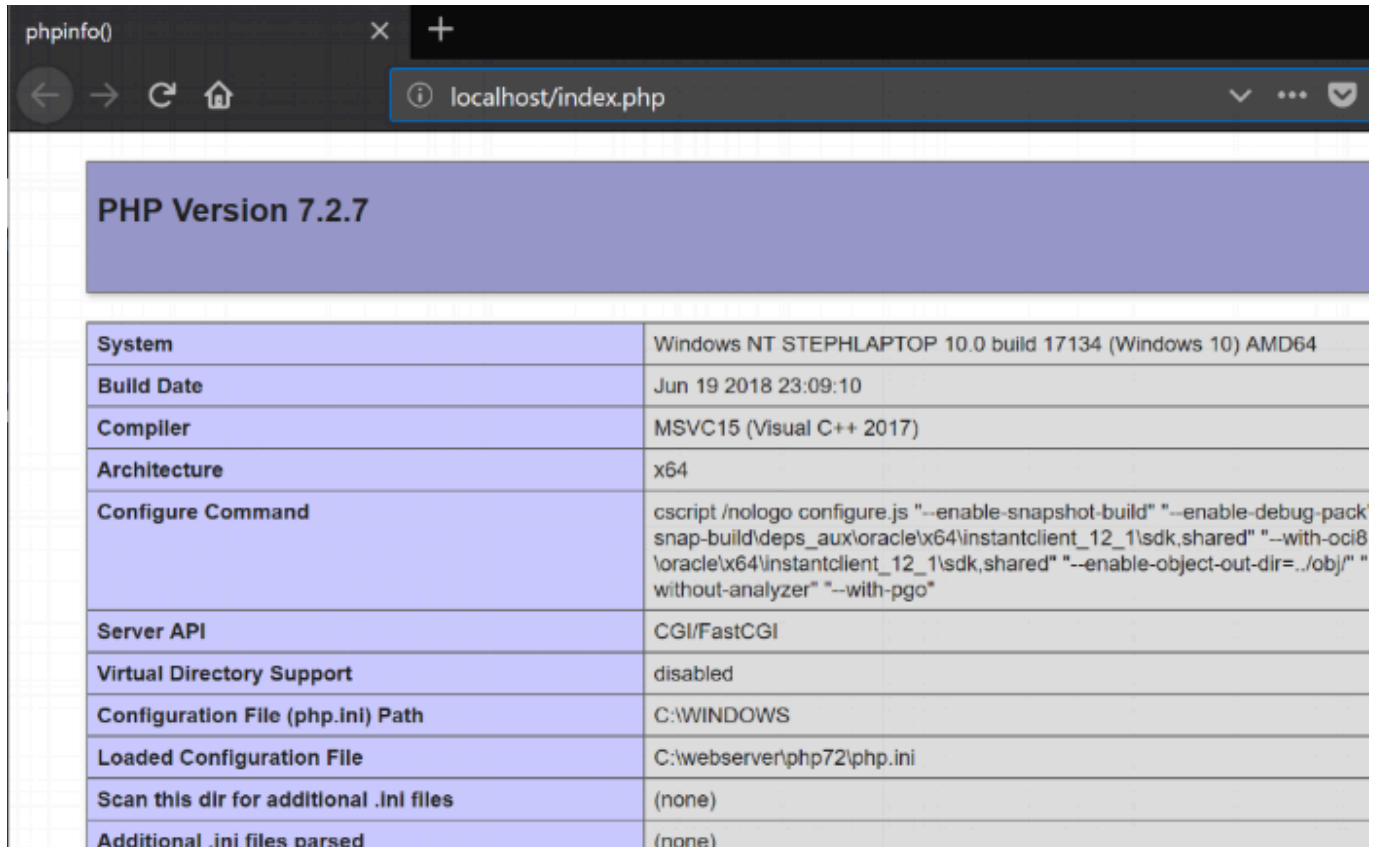
```
<VirtualHost *:80>  
    Include conf/extra/php72.conf  
    ServerName localhost  
    DocumentRoot "C:/webserver/lizmap/"  
  
    <Directory "C:/webserver/lizmap">  
        Options -Indexes +FollowSymLinks +ExecCGI  
        AllowOverride All  
        Require all granted  
    </Directory>  
  
    CustomLog "logs/lizmap-access.log" common  
    ErrorLog "logs/lizmap-error.log"  
</VirtualHost>
```

4. Create a lizmap folder inside the main webserver directory (e.g. C:\webserver\lizmap)
5. Create a text file with following code and save it as **index.php** inside the lizmap folder (e.g. C:\webserver\lizmap\index.php)

```
<?php  
    phpinfo();  
?>
```

6. Restart Apache service

7. Check to see if PHP works. In a web browser, type in **http://localhost/index.php** (or http://localhost:port/index.php if not using default 80)



PHP Version 7.2.7	
System	Windows NT STEPHLAPTOP 10.0 build 17134 (Windows 10) AMD64
Build Date	Jun 19 2018 23:09:10
Compiler	MSVC15 (Visual C++ 2017)
Architecture	x64
Configure Command	cscript /nologo configure.js "--enable-snapshot-build" "--enable-debug-pack snap-build\deps_aux\oracle\x64\instantclient_12_1\sdk,shared" "--with-oci8 \oracle\x64\instantclient_12_1\sdk,shared" "--enable-object-out-dir=../obj/" "without-analyzer" "--with-pgo"
Server API	CGI/FastCGI
Virtual Directory Support	disabled
Configuration File (php.ini) Path	C:\WINDOWS
Loaded Configuration File	C:\webserver\php72\php.ini
Scan this dir for additional .ini files	(none)
Additional .ini files parsed	(none)

Part 5: Install and Configure QGIS Server

I installed QGIS Server using OSGeo4W installer x64 version – download on [QGIS site](#) or on [OSGeo4W site](#). Lizmap Web Client doesn't work properly with the QGIS Server 3.0 , so you must use the LTR 2.18.21. I did try with QGIS Server 3.x but it didn't work. Note: I have both QGIS desktop 3.2 and 2.18.21 and QGIS Server 2.18.21 on my machine and they both work fine so far.

If you don't already have QGIS desktop then you have the option to install it via Express install using the OSGeo4W installer (this is easier) or through the advance option.

1. Run the OSGeo4W installer: Select Advance Setup

- a. Install from Internet
- b. Keep Root Directory default and install for all users

c. Keep default Local Package Directory and Start Menu Name

d. Select these Packages:

- Commandline_Uilities: GDAL
- Desktop: QGIS LTR 2.18.21 full (if needed)
- Libs: fcgi
- Optional Lib: filegdb (only if you want to be able to use ESRI file gdb)
- Web: QGIS Server LTR 2.18.21

e. Resolve Un-met Dependencies: Install the required dependencies, accept license agreements, and allow installation to complete

3.0-1	Keep	n/a	n/a	1k	qgis-full: QGIS Full Desktop (meta package for
	Skip	n/a	n/a	1k	qgis-full-dev: QGIS nightly build of the develop
	Skip	n/a	n/a	1k	qgis-full-rel-dev: QGIS nightly build of the latest
	2.18.21-1	☒	n/a	45,054k	qgis-ltr: QGIS Desktop (long term release)
	Skip	n/a	n/a	68,369k	qgis-ltr-dev: QGIS nightly build of the long term
	Skip	n/a	n/a	11,914k	entwine: Entwine
2.1.0-1	Keep	n/a	☐	77k	expat: The Expat XML Parser
2.4.1-2	Reinstall	n/a	☐	38k	fcgi: FastCGI Library
	Skip	n/a	n/a	13,629k	ffmpeg: ffmpeg
3.3.3-1	Keep	n/a	☐	680k	fftw: Fast Fourier transform
	Skip	n/a	n/a	36k	libgdal: GDAL library
2.2.4-1	Keep	n/a	☐	8,764k	gdal: The GDAL/OGR library and commandline tools
	Skip	n/a	n/a	3,905k	gdal-autotest: The GDAL/OGR AutoTest suite
2.4.0-41984	2.4.0-41990	☒	☐	9,346k	gdal-dev: The GDAL/OGR library and commandline to
	Skip	n/a	n/a	2,318k	gdal-dev-ecw: ECW Raster Plugin for GDAL (trunk)
2.4.0-41984	2.4.0-41990	☒	☐	2,924k	gdal-dev-filegdb: OGR FileGDB Driver (trunk)
	Skip	n/a	n/a	3,899k	gdal-dev-mrsid: MrSID Raster Plugin for GDAL (trunk)
	Skip	n/a	n/a	62k	gdal-dev-mss: OGR plugin with SQL Native Client sup
	Skip	n/a	n/a	185k	gdal-dev-oracle: OGR OCI and GDAL GeoRaster Plug
	Skip	n/a	n/a	483k	gdal-dev-python: The GDAL/OGR Python Bindings and
	Skip	n/a	n/a	153k	gdal-dev-sosi: OGR SOSI Driver (trunk)
2.2.4-1	Keep	n/a	☐	2,316k	gdal-ecw: ECW Raster Plugin for GDAL
2.2.4-1	Keep	n/a	☐	2,932k	gdal-filegdb: OGR FileGDB Driver
2.2.4-1	Keep	n/a	☐	3,898k	gdal-mrsid: MrSID Raster Plugin for GDAL
Web Default					
	Skip	n/a	n/a	308k	mapscript-java: Java MapScript interface to MapServer
	Skip	n/a	n/a	159k	mapscript-python: Python MapScript interface to MapSe
	Skip	n/a	n/a	1,338k	mapserver: A CGI Web Map Server, including a variety
	2.18.21-1	☒	n/a	976k	qgis-ltr-server: QGIS Server (long term release)
3.2.0-1	Uninstall	n/a	n/a	655k	qgis-server: QGIS Server

2. After installation completes, check in C:\OSGeo4W64\apps\qgis-ltr\bin folder to make sure these files are in there.

- qgis_mapserv.fcgi.exe
- qgis_server.dll
- wms_metadata.xml

3. Configure QGIS server to be accessible as fcgi. Open **httpd-vhosts.conf** file (e.g. C:\webserver\Apache\Conf\extra\httpd-vhosts.conf) and edit it to contain the following code. Save the file when done.

```
<VirtualHost *:80>
    Include conf/extra/php72.conf
    ServerName localhost

# Lizmap Production
DocumentRoot "C:/webserver/lizmap/prod/"
<Directory "C:/webserver/lizmap/prod">
    Options -Indexes +FollowSymLinks +ExecCGI
    AllowOverride All
    Require all granted
</Directory>

# LizMap Pre-production
Alias /preprod/ "C:/webserver/lizmap/preprod/"
<Directory "C:/webserver/lizmap/preprod">
    Options -Indexes +FollowSymLinks +ExecCGI
    AllowOverride All
    Require all granted
</Directory>

Alias /qgis/ "C:/OSGeo4W64/apps/qgis-ltr/bin/"
<Directory "C:/OSGeo4W64/apps/qgis-ltr/bin/">
    SetHandler fcgid-script
    Options +ExecCGI
    AllowOverride All
```

4. Open **php72.conf** that you created earlier (e.g. C:\webserver\Apache24\conf\extra\php72.conf) and modify it to include the following code. Save your changes to the file.

```
FcgidInitialEnv PHPRC "C:\\webserver\\php72"

FcgidInitialEnv PATH "C:\\OSGeo4W64\\bin;C:\\OSGeo4W64\\apps\\qgis-ltr\\bin;C:\\OSGeo4W64\\apps\\qgis-ltr\\bin\\perl\\bin"
FcgidInitialEnv QT_PLUGIN_PATH "C:\\OSGeo4W64\\apps\\qgis-ltr\\qtplugins;C:\\OSGeo4W64\\apps\\qgis-ltr\\bin\\perl\\bin\\site_perl"
FcgidInitialEnv PYTHONHOME "C:\\OSGeo4W64\\apps\\Python27"
FcgidInitialEnv PYTHONPATH "C:\\OSGeo4W64\\apps\\qgis-ltr\\.\\python;C:\\OSGeo4W64\\apps\\qgis-ltr\\python\\plugins\\qgis\\python\\plugins"

FcgidInitialEnv QGIS_SERVER_LOG_LEVEL 0
FcgidInitialEnv QGIS_SERVER_LOG_FILE "C:\\webserver\\Apache24\\logs\\qgis_server.log"

FcgidIOTimeout 120

FcgidInitialEnv LC_ALL "en_US.UTF-8"
FcgidInitialEnv PYTHONIOENCODING UTF-8
FcgidInitialEnv LANG "en_US.UTF-8"
FcgidInitialEnv QGIS_DEBUG 1
FcgidInitialEnv QGIS_SERVER_LOG_FILE "C:\\webserver\\Apache24\\logs\\qgis_server.log"
FcgidInitialEnv QGIS_SERVER_LOG_LEVEL 0
FcgidInitialEnv QGIS_PLUGINPATH "C:\\OSGeo4W64\\apps\\qgis-ltr\\python\\plugins\\qgis\\python\\plugins"
```

```
SetEnvIf Request_URI ^/qgis QGIS_PREFIX_PATH "C:\OSGeo4W64\apps\qgis-ltr"
SetEnvIf Request_URI ^/qgis TEMP "C:\Windows\Temp"
```

```
SetEnvIf Request_URI ^/qgis GDAL_DATA "C:\OSGeo4W64\share\gdal"
SetEnvIf Request_URI ^/qgis GDAL_DRIVER_PATH "C:\OSGeo4W64\bin"
SetEnvIf Request_URI ^/qgis PDAL_DRIVER_PATH "C:\OSGeo4W64\bin"
SetEnvIf Request_URI ^/qgis GDAL_SKIP "JP2ECW"
SetEnvIf Request_URI ^/qgis PROJ_LIB "C:\OSGeo4W64\share\proj"
```

```
<FilesMatch \.php$>
  AddHandler fcgid-script .php
  FcgidWrapper "C:/webserver/php72/php-cgi.exe" .php
</FilesMatch>
```

5. Restart Apache Service

6. In a web browser, see if you can access the QGIS Server:

Note: Typing in the following as noted in the [Lizmap installation documentation](#):

http://localhost/qgis/qgis_mapserv.fcgi.exe will give you an error "Service unknown or unsupported"

Type in this below: you should see the default content of the wms_metadata.xml file - this means QGIS Server was installed correctly and accessed as fcgi.

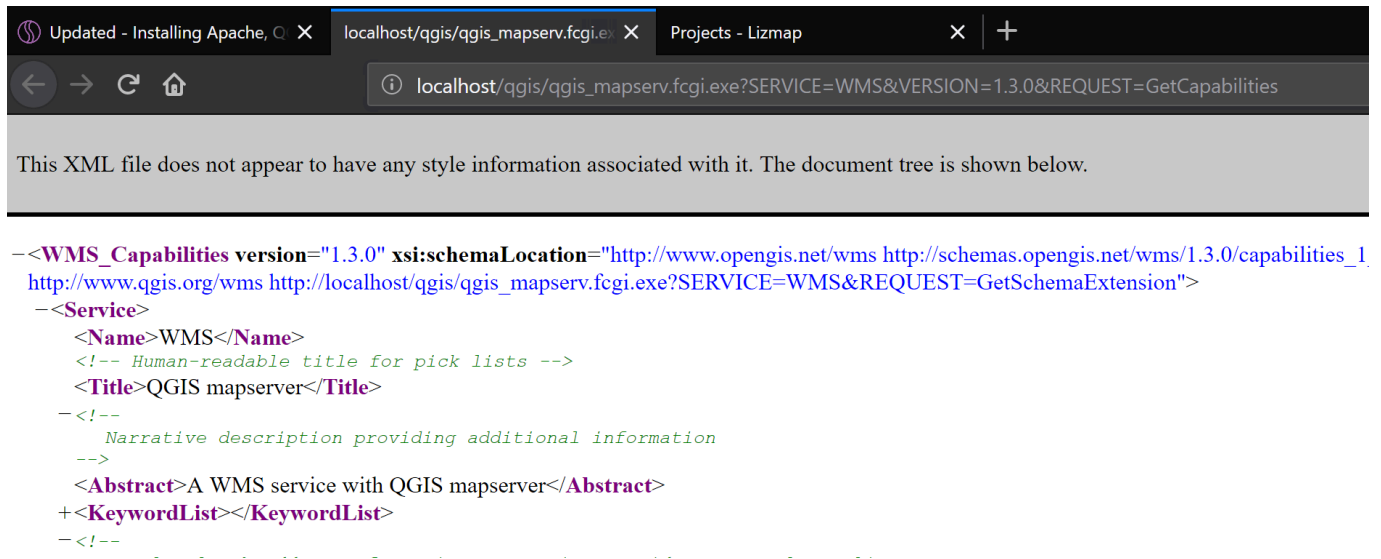
http://localhost/qgis/qgis_mapserv.fcgi.exe?

SERVICE=WMS&VERSION=1.3.0&REQUEST=GetCapabilities



NOTE (2/18/2019): You may also get something like "This XML file does not appear to have any style information associated with it. The document tree is shown below." You should still be ok as long as you are not getting a "SERVICE UNKNOWN or UNSUPPORTED" error.

The image below looks different than the one above - the wms_metadata.xml for QGIS server may be slightly different from when I wrote the blog post. So just keep in mind that if you are getting some sort of descriptive text back about the WMS service and not an actual error then you are ok and can proceed.



If you get something that looks like this you are ok - your QGIS Server installation is ok.

Part 6: Install and Configure Lizmap Web Client

1. Download [Lizmap Web Client](#) – I used lizmap-web-client-3.1.12.zip.
2. Create in C:\webserver\lizmap directory, 2 new folders for your production and preproduction work. Make sure you have write access to these folders
 - C:\webserver\lizmap\prod
 - C:\webserver\lizmap\preprod
3. Create in C:\webserver directory a new cache directory to hold 2 new subfolders: prod and preprod. Make sure you have write access to these folders
 - C:\webserver\cache\prod
 - C:\webserver\cache\preprod
4. Unzip or extract lizmap-web-client-3.1.12zip to C:\webserver\lizmap\prod directory. So what you end up having is C:\webserver\lizmap\prod\lizmap-web-client-3.1.12

5. Open C:/webserver/Apache24/conf/extra/**httpd-vhosts.conf** in text editor and modified the section to the virtual host to point to C:/webserver/lizmap/prod/lizmap-web-client-3.1.12/lizmap/www folder - like the content below

```
<VirtualHost *:80>
    Include conf/extra/php72.conf
    ServerName localhost

# Lizmap Production
DocumentRoot "C:/webserver/lizmap/prod/lizmap-web-client-3.1.12/lizmap/www/"
<Directory "C:/webserver/lizmap/prod/lizmap-web-client-3.1.12/lizmap/www/">
    Options -Indexes +FollowSymLinks +ExecCGI
    AllowOverride All
    Require all granted
</Directory>

# LizMap Pre-production
Alias /preprod/ "C:/webserver/lizmap/preprod/lizmap-web-client-3.1.12/lizmap/w
<Directory "C:/webserver/lizmap/preprod/lizmap-web-client-3.1.12/lizmap/www/">
    Options -Indexes +FollowSymLinks +ExecCGI
    AllowOverride All
    Require all granted
</Directory>

Alias /qgis/ "C:/OSGeo4W64/apps/qgis-ltr/bin/"
<Directory "C:/OSGeo4W64/apps/qgis-ltr/bin/">
    SetHandler fcgid-script
    Options +ExecCGI
    AllowOverride All
    Require all granted
</Directory>

Alias /qgis/ "C:/OSGeo4W64/apps/qgis-ltr/bin/"
<Directory "C:/OSGeo4W64/apps/qgis-ltr/bin/">
    SetHandler fcgid-script
    Options +ExecCGI
    AllowOverride All
```

```
    Require all granted
</Directory>

# ABP: needed for authentication in Lizmap
<IfModule mod_fcgid.c>
    RewriteEngine on
    RewriteCond % .
    RewriteRule .* - [E=HTTP_AUTHORIZATION:%]
</IfModule>

CustomLog "logs/lizmap-access.log" common
ErrorLog "logs/lizmap-error.log"

</VirtualHost>
```

6. Restart Apache Service

7. Open the Command Prompt window (run as Administrator) and type in the following lines - for copying some lizmap files

```
cd C:\\webserver\\lizmap\\prod\\lizmap-web-client-3.1.12\\
cd lizmap/var/config
copy lizmapConfig.ini.php.dist lizmapConfig.ini.php
copy localconfig.ini.php.dist localconfig.ini.php
copy profiles.ini.php.dist profiles.ini.php
cd ../../..
```

8. Keep your command prompt window open
9. Open Lizmap's **localconfig.ini.php** file (e.g. C:\webserver\lizmap\prod\lizmap-web-client-3.1.12\lizmap\var\config\localconfig.ini.php) in a text editor and include the following code if you want to install the Lizmap demo websites – make sure you have admin rights to modify and save this file (e.g. run notepad++ as Administrator then modify and save changes).

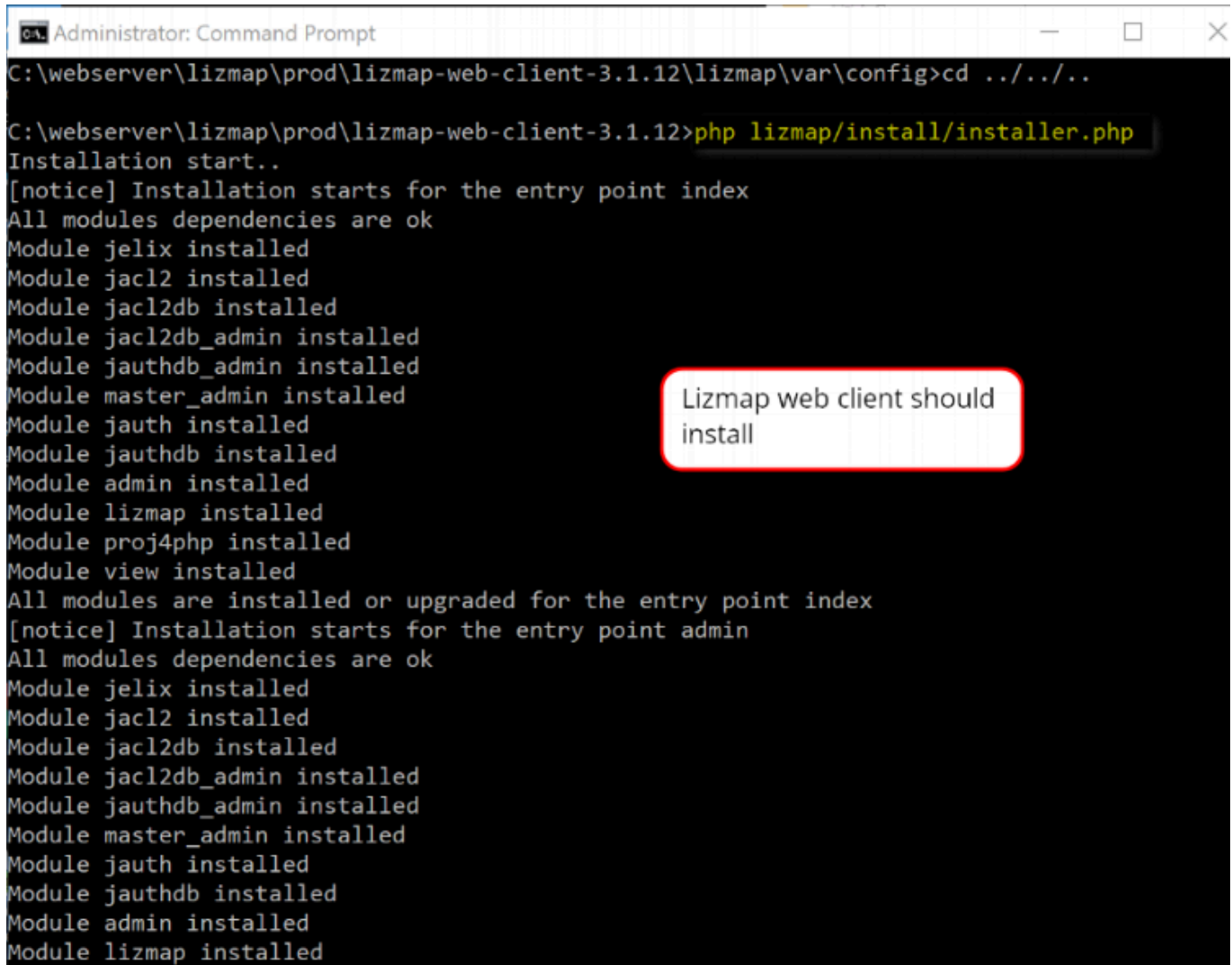
[modules]

lizmap.installparam=demo

```
1  ;<?php die(''); ?>
2  ;for security reasons , don't remove or modify the first l
3
4  ; put here configuration variables that are specific to th
5
6  [modules]
7  lizmap.installparam=demo
8
9  ; chmod for files created by Lizmap and Jelix
10 ;chmodFile=0664
11 ;chmodDir=0775
12
```

10. Back in the Command Prompt, launch Lizmap installation by typing in the following lines. After installation completes, close the command prompt window.

```
cd C:\webserver\lizmap\prod\lizmap-web-client-3.1.12\  
php lizmap/install/installer.php
```



The screenshot shows a Windows Command Prompt window titled "Administrator: Command Prompt". The command prompt is running the command `cd ../../..` from the directory `C:\webserver\lizmap\prod\lizmap-web-client-3.1.12\lizmap\var\config`. The user then runs `php lizmap/install/installer.php`. The output shows the installation process for the entry point index, followed by the installation of various modules: `jelix`, `jacl2`, `jacl2db`, `jacl2db_admin`, `jauthdb_admin`, `master_admin`, `jauth`, `jauthdb`, `admin`, `lizmap`, `proj4php`, and `view`. The output also shows the installation process for the entry point admin, followed by the installation of the same modules. A red box highlights the text "Lizmap web client should install".

```
Administrator: Command Prompt  
C:\webserver\lizmap\prod\lizmap-web-client-3.1.12\lizmap\var\config>cd ../../..  
C:\webserver\lizmap\prod\lizmap-web-client-3.1.12>php lizmap/install/installer.php  
Installation start..  
[notice] Installation starts for the entry point index  
All modules dependencies are ok  
Module jelix installed  
Module jacl2 installed  
Module jacl2db installed  
Module jacl2db_admin installed  
Module jauthdb_admin installed  
Module master_admin installed  
Module jauth installed  
Module jauthdb installed  
Module admin installed  
Module lizmap installed  
Module proj4php installed  
Module view installed  
All modules are installed or upgraded for the entry point index  
[notice] Installation starts for the entry point admin  
All modules dependencies are ok  
Module jelix installed  
Module jacl2 installed  
Module jacl2db installed  
Module jacl2db_admin installed  
Module jauthdb_admin installed  
Module master_admin installed  
Module jauth installed  
Module jauthdb installed  
Module admin installed  
Module lizmap installed
```

11. In web browser, type in **`http://localhost/index.php`** - you should see the Lizmap demo page

The Lizmap Web Client Dashboard

1. In the Lizmap home page (see above image), click the Connect button in the top right or go to **<http://localhost/admin.php>** to access the login page:

- Login with default username = admin, password = admin

2. Once you log in you can see the Admin dashboard, don't forget to change password (in My Account). Notice there is an additional intranet demo in the dashboard

3. Lizmap Configuration menu: Modify the Lizmap generic configuration - input as follows and then save new configuration.

- QGIS server version: ≥ 2.18
- WMS Server URL: `http://127.0.0.1/qgis/qgis_mapserv.fcgi.exe`
- Cache root directory: `C:/webserver/cache/prod/`

Note: if you get a error when trying to update the cache root directory to the folder that you created earlier - make sure you have write access to the location first then reload Lizmap demo again.

4. Click over to PROJECTS (top right corner) and you can view the metadata of the demo or load the demo map

Here is the Montpellier Demo web app.

Part 7: SVG and QGIS Bug

I'm not sure if this still hold true or not, but not a bad idea to do it. In Apache you need to Add a vhost to publish SVG and images files via HTTP this will avoid the bug in QGIS Server under Windows which cannot display SVG icon when you have a relative path.

1. Create a folder to contain the svg files (e.g. C:/webserver/data/document/svg)
2. Then modify **C:/webserver/Apache24/conf/extra/httpd-vhosts.conf** . Add the codes before the CustomLog portion.

```
Alias /document/ "C:/webserver/data/document/"  
<Directory "C:/webserver/data/document/">  
    Options -Indexes +FollowSymLinks  
    AllowOverride All  
    Require all granted  
</Directory>
```

3. Save and restart Apache service.
4. Check if you can add svg file in the folder C:/webserver/webapp/document/svg then access it via http://localhost/document/svg/my_icon.svg and use it as the SVG path in the style properties of a vector layer.

That's it for this post. I hope this helps you get your GIS server running. See [Lizmap Documentation](#) for more info on configuration and user/publisher manual.

DOWNLOAD CONFIGURATION FILES FOR COMPARISON WITH YOUR OWN FILES:

These have *.txt file extension to them for downloading purpose.

- [httpd.conf.txt](#)
- [httpd-vhosts.conf.txt](#)
- [php72.conf.txt](#)

See Part 2 - on [how to use the Lizmap plugin for QGIS to prepare and publish a QGIS project](#). If you've read this entire post then thank you for reading and I hope it worked out for you. Until next time.

Comments (68)

Newest First

Simon Choice 6 years ago · 0 Likes

Hi,

Question - When making the httpd.conf file changes the Apache24 service will not restart. I roll back the httpd changes and the Apache24 service will start again.

I remove the # and enable the modules then add the module code at the end of the text httpd file and this stops the service from running.

Any suggestions would be greatly appreciated.

Simon

Stephanie Saephan 5 years ago · 0 Likes

Hi,

Hmmmm...not sure what's going on with your setup. Are you getting any specific error? Check your error log and see if that gives you some clues to what's wrong with your configuration. Also, what specific module code are you referring to? Sorry I can't be of more help at this point.

Simon Choice 5 years ago · 0 Likes

Hi Stephanie,

The Apache service breaks after modifying this "Uncomment or remove the # character: Include conf/extra/httpd-vhosts.conf". There is nothing specific in the event logs as it specifies "Contact Vendor" but the error message says this.

"windows could not start the Apache2.4 services on Local Computer. For more information, review the the system event log. If this is a non-microsoft service, contact the service vendor, and refer to service-specific error code 1".

This is happening on part 4, step 3.

Regards

Simon

Stephanie Saephan 5 years ago · 0 Likes

Hi Simon,

Sorry to hear you are having problems with your setup. You could try the following options and see how things work:

- make sure IIS is not turned as it will hang up Apache
- try running httpd.exe from the command line. This should give you more details about what the errors are. (e.g C:\Program Files (x86)\Apache Software Foundation\Apache2.2\bin\httpd.exe)
- maybe something is using the default port 80? Try using a different port (e.g. 8080, 8888, etc).
- reinstall Apache if all else fails

Sorry but that's all I can think of. I hope you get it working. Good luck.

jan 6 years ago · 0 Likes

Any life around here?

Stephanie Saephan 6 years ago · 0 Likes

Hi Jan,

Happy New Year! Sorry, I've been busy and haven't gone back to working on my Lizmap and QGIS Server project for a while now. I haven't been able to get QGIS Server 3 to working with Lizmap and

haven't had time to go back to look at what the problems are. You can download QGIS 2.18 LTR version from this link: <https://download.osgeo.org/qgis/>

Also according to the Lizmap documentation - the requirements are here:

<https://docs.lizmap.com/current/en/install/windows.html>

- Text Editor (e.g. Notepad++ , Visual Studio Code)
- Microsoft Visual C++ Redistributable 64-bits (this installation need to respect the compiling version of Apache and PHP) (Microsoft VCs C++)
- Web Server (Apache 24 64-bits)
- PHP 7.3.10 (Non Thread Safe)
- QGIS Server 3 64-bits (OSGeo4W Network Installer (64 bit))
- Lizmap Web Client 3.x (Github Lizmap releases)

Perhaps it does not work with the PHP 8 version that you're using? Sorry, I can't be of more help. Please post back if you do happen to get your set up working.

Good luck.

Jan 6 years ago · 0 Likes

Hi Staphanie,

Since QGIS server ltr 2.18 has been superseded and cannot easily be downloaded, I'm trying to get the server working with new versions of QGIS (3.16), PHP (8.0) and Lizmap (3.4.0). Needed some changes, but QGIS server and Lizmap server are up; the demo project unfortunately returns 500.

In my php_errors.log I find the following repeatedly:

[31-Dec-2020 14:52:12 UTC] PHP Fatal error: Uncaught ArgumentCountError: Too few arguments to function jBasicErrorHandler::errorHandler(), 4 passed and exactly 5 expected in

D:\webserver\lizmap\prod\lizmap-web-client-3.4.0\lib\jelix\core\jBasicErrorHandler.class.php:51

Stack trace:

0 D:\webserver\lizmap\prod\lizmap-web-client-3.4.0\lib\jelix\core\log\jLogErrorMessage.class.php(144): jBasicErrorHandler::errorHandler()

1 D:\webserver\lizmap\prod\lizmap-web-client-

3.4.0\lib\jelix\core\log\jLogErrorMessage.class.php(109): jLogErrorMessage->sanitizeParams()

2 D:\webserver\lizmap\prod\lizmap-web-client-

3.4.0\lib\jelix\core\jBasicErrorHandler.class.php(121): jLogErrorMessage->getFormattedMessage()

3 D:\webserver\lizmap\prod\lizmap-web-client-

3.4.0\lib\jelix\core\jBasicErrorHandler.class.php(81): jBasicErrorHandler::handleError()

4 [internal function]:

jBasicErrorHandler::exceptionHandler()

5 {main}

thrown in D:\webserver\lizmap\prod\lizmap-web-client-3.4.0\lib\jelix\core\jBasicErrorHandler.class.php on line 51

which appears to mean there is a rather trivial coding error missing a parameter calling jLogErrorMessage.class from jBasicErrorHandler.class. I suspect, however, that it hides another error which is not properly displayed, so I'm stuck unless I delve into these classes. Do you have advice for me? I would really be happy if I can finish

this job!

(Of course I can post configs and logs if that helps).

Thanks, and a I wish you a great, happy and healthy new year!

Jan

6 years ago · 0 Likes

Good morning, Stephanie.

Thank you very much for your work, really it has been very useful for me, I just wanted to comment that I did all the steps as you did, but at the time of opening the `http://localhost` I actually see the "Lizmap" I can edit everything in the administrator but when I open the demo project does not open it stays loading so if you could help me to know how to solve it, because this is my only problem because it also lets me upload maps but when I give "see map" opens the window as if it were open but stays loading. I appreciate if you could help me.

And if you could make a new updated guide would be great because the only thing that changes is that when you download the OSGeo4W64 because when you choose the extensions that you mention it comes out the versions " 3.10.1" it doesn't come out the "2.18.21" I don't know if that is the problem and I wouldn't know how to fix it.

Stephanie Saephan 6 years ago · 0 Likes

Hi Camila,

I'm not sure what the issue is exactly but I think Lizmap may have issues with QGIS Server 3.x. I'm seeing something similar on my end if where I can see the Lizmap Dashboard and Projects but when I go click to "Load the Map" it just says loading map for a long time and nothing happens. I checked the components of my setup and everything works except when I call the QGIS WMS get capabilities separately as a test -- I get an internal server error - which makes me think it is a QGIS Server 3.x version compatibility with Lizmap. If I get QGIS Server 3.x working with Lizmap I will update my post. Sorry I can't be anymore help.

A. Müskens 6 years ago · 0 Likes

Hallo,

I need help.

I've got the same Problem as Lara Perez:

Internal Server Error

The server encountered an internal error or misconfiguration and was unable to complete your request.

Please contact the server administrator at admin@example.com to inform them of the time this error occurred, and the actions you performed just before this error.

More information about this error may be available in the server error log.

Could anybody help me? What's wrong

A. Müskens

Stephanie Saephan 6 years ago · 0 Likes

Hi,

I'm not sure exactly what your issues are so I can only say to check your configuration files carefully and restart your webserver and lizmap web client. Are you getting the error after you configure the lizmap web client via the dashboard? May sure you have the correct WMS Server URL -- the one I give as an example (http://127.0.0.1/qgis/qgis_mapserv.fcgi.exe) is for localhost machine. This should be corrected to your production server - the ip of your server if you are not testing this out on your localhost machine. Also, make sure you have write access to the lizmap cache root directory. Anyway, I hope this helps.

Lara Perez 7 years ago · 0 Likes

Hi everyone.

I'm trying the installation in a Windows Server. I've arrived at 5 step. When I try to get the capabilities file, I get this:

Internal Server Error

The server encountered an internal error or misconfiguration and was unable to complete your request.

Please contact the server administrator at topografia@oliva.es to inform them of the time this error occurred, and the actions you performed just before this error.

More information about this error may be available in the server error log.

The lizmap-error log says

```
[Mon Dec 02 11:49:15.673362 2019] [fcgid:warn] [pid 5020:tid 1124] (OS 109)Ha terminado la canalización.  
: [client ::1:50158] mod_fcgid: get overlap result error  
[Mon Dec 02 11:49:15.673362 2019] [core:error] [pid 5020:tid 1124] [client ::1:50158] End of script output  
before headers: qgis_mapserv.fcgi.exe
```

It seems to be a file access problem....any idea?

Thnks in advance, Lara Perez

Stephanie Saephan 6 years ago · 0 Likes

Hi Lara,

Sorry it took so long to respond to your comments. Check your configuration files first. Also, try changing the WMS Server URL to your production server (Windows Servers machine IP address) and make sure you have write access to the directories.

See my response to A Muskens above if you are getting the error after you configure the lizmap web client via the dashboard. May sure you have the correct WMS Server URL -- the one I give as an example (http://127.0.0.1/qgis/qgis_mapserv.fcgi.exe) is for localhost machine. This should be corrected to your production server - the ip of your server if you are not testing this out on your localhost machine. Also, make sure you have write access to the lizmap cache root directory. Anyway, I hope this helps.

Stephanie Saephan 7 years ago · 0 Likes

Hi Cristian,

It is weird that you can see the basemap but not the vector layers. I would first make sure you have read and write access to the cache root folder, restart Apache, then try loading the demo project again. Maybe also emptying the cache for the demo repository -- this is in the Lizmap Admin dashboard, under Repository, montpellier, empty cache. Also try looking at the Lizmap Logs in the Admin dashboard to see what if there are errors given. I hope this helps.

7 years ago · 0 Likes

I solved reinstalling all packages and now seems to work perfectly. Thank you for quick reply and exhaustive guide.

7 years ago · 0 Likes

Hi,

I've installed lizmap following the guide and it works well. When I open the demo project, lizmap display only basemap. The layers are not displayed. I post Apache log:

```
5236][14:18:45] ***** New request *****
[5236][14:18:45] REMOTE_ADDR: 127.0.0.1
[5236][14:18:45] inserting pair MAP // C:\webserver\lizmap\prod\lizmap-web-client-
3.1.12\lizmap\install\qgis\montpellier.qgs into the parameter map
[5236][14:18:45] inserting pair REQUEST // GetCapabilities into the parameter map
[5236][14:18:45] inserting pair SERVICE // WFS into the parameter map
[5236][14:18:45] MAP:C:\webserver\lizmap\prod\lizmap-web-client-
3.1.12\lizmap\install\qgis\montpellier.qgs
[5236][14:18:45] REQUEST:GetCapabilities
[5236][14:18:45] SERVICE:WFS
[5236][14:18:45] Entering.
[5236][14:18:45] Layer 'donnes_sociodemo_sous_quartiers20160121144525075' url:
'C:/webserver/lizmap/prod/lizmap-web-client-
3.1.12/lizmap/install/qgis/data/vector/donnes_sociodemo_sous_quartiers.csv' configFile:
C:\webserver\lizmap\prod\lizmap-web-client-3.1.12\lizmap\install\qgis\montpellier.qgs not found in layer
cache'
[5236][14:18:45] Failed to load : Unknown error
[5236][14:18:45] Layer 'VilleMTP_MTP_Quartiers_2011_432620130116112610876' url:
'C:/webserver/lizmap/prod/lizmap-web-client-
3.1.12/lizmap/install/qgis/data/vector/VilleMTP_MTP_Quartiers_2011_4326.shp' configFile:
C:\webserver\lizmap\prod\lizmap-web-client-3.1.12\lizmap\install\qgis\montpellier.qgs not found in layer
cache'
[5236][14:18:45] Failed to load : Unknown error
[5236][14:18:45] Layer 'SousQuartiers20160121124316563' url: 'C:/webserver/lizmap/prod/lizmap-web-
```

client-3.1.12/lizmap/install/qgis/data/vector/VilleMTP_MTP_SousQuartiers_2011.shp' configFile:

C:\webserver\lizmap\prod\lizmap-web-client-3.1.12\lizmap\install\qgis\montpellier.qgs not found in layer cache'

[5236][14:18:45] Failed to load : Unknown error

[5236][14:18:45] Layer 'VilleMTP_MTP_Quartiers_2011_432620130116112610876' url:

'C:/webserver/lizmap/prod/lizmap-web-client-

3.1.12/lizmap/install/qgis/data/vector/VilleMTP_MTP_Quartiers_2011_4326.shp' configFile:

C:\webserver\lizmap\prod\lizmap-web-client-3.1.12\lizmap\install\qgis\montpellier.qgs not found in layer cache'

[5236][14:18:45] Failed to load : Unknown error

[5236][14:18:45] Layer 'donnees_sociodemo_sous_quartiers20160121144525075' url:

'C:/webserver/lizmap/prod/lizmap-web-client-

3.1.12/lizmap/install/qgis/data/vector/donnees_sociodemo_sous_quartiers.csv' configFile:

C:\webserver\lizmap\prod\lizmap-web-client-3.1.12\lizmap\install\qgis\montpellier.qgs not found in layer cache'

[5236][14:18:45] Failed to load : Unknown error

[5236][14:18:45] Layer 'edition_line20130409161630329' url: " configFile:

C:\webserver\lizmap\prod\lizmap-web-client-3.1.12\lizmap\install\qgis\montpellier.qgs not found in layer cache'

[5236][14:18:45] Failed to load : Unknown error

[5236][14:18:45] Layer 'edition_point20130118171631518' url: " configFile: C:\webserver\lizmap\prod\lizmap-web-client-3.1.12\lizmap\install\qgis\montpellier.qgs not found in layer cache'

[5236][14:18:45] Failed to load : Unknown error

[5236][14:18:45] Layer 'edition_polygon20130409114333776' url: " configFile:

C:\webserver\lizmap\prod\lizmap-web-client-3.1.12\lizmap\install\qgis\montpellier.qgs not found in layer cache'

[5236][14:18:45] Failed to load : Unknown error

[5236][14:18:45] Layer 'tramstop20150328114203878' url: " configFile: C:\webserver\lizmap\prod\lizmap-web-client-3.1.12\lizmap\install\qgis\montpellier.qgs not found in layer cache'

[5236][14:18:45] Failed to load : Unknown error

[5236][14:18:45] Layer 'tramway20150328114206278' url: " configFile: C:\webserver\lizmap\prod\lizmap-web-client-3.1.12\lizmap\install\qgis\montpellier.qgs not found in layer cache'

[5236][14:18:45] Failed to load : Unknown error

[5236][14:18:45] Layer 'jointure_tram_stop20150328114216806' url: " configFile:

C:\webserver\lizmap\prod\lizmap-web-client-3.1.12\lizmap\install\qgis\montpellier.qgs not found in layer cache'

[5236][14:18:45] Failed to load : Unknown error

[5236][14:18:45] Layer 'publicbuildings20150420100958543' url: " configFile:

C:\webserver\lizmap\prod\lizmap-web-client-3.1.12\lizmap\install\qgis\montpellier.qgs not found in layer cache'

[5236][14:18:45] Failed to load : Unknown error

[5236][14:18:45] Layer 'tramstop20150328114203878' url: " configFile: C:\webserver\lizmap\prod\lizmap-web-client-3.1.12\lizmap\install\qgis\montpellier.qgs not found in layer cache'

[5236][14:18:45] Failed to load : Unknown error

[5236][14:18:45] Layer 'publicbuildings20150420100958543' url: " configFile:

C:\webserver\lizmap\prod\lizmap-web-client-3.1.12\lizmap\install\qgis\montpellier.qgs not found in layer cache'

[5236][14:18:45] Failed to load : Unknown error

[5236][14:18:45] Layer 'publicbuildings_tramstop20150420095614071' url: " configFile:

C:\webserver\lizmap\prod\lizmap-web-client-3.1.12\lizmap\install\qgis\montpellier.qgs not found in layer cache'

[5236][14:18:45] Failed to load : Unknown error

[5236][14:18:45] Layer 'tram_stop_work20150416102656130' url: " configFile:

C:\webserver\lizmap\prod\lizmap-web-client-3.1.12\lizmap\install\qgis\montpellier.qgs not found in layer cache'

[5236][14:18:45] Failed to load : Unknown error

[5236][14:18:45] Layer 'tramstop20150328114203878' url: " configFile: C:\webserver\lizmap\prod\lizmap-web-client-3.1.12\lizmap\install\qgis\montpellier.qgs not found in layer cache'

[5236][14:18:45] Failed to load : Unknown error

[5236][14:18:45] Layer 'tramway20150328114206278' url: " configFile: C:\webserver\lizmap\prod\lizmap-web-client-3.1.12\lizmap\install\qgis\montpellier.qgs not found in layer cache'

[5236][14:18:45] Failed to load : Unknown error

[5236][14:18:45] Layer 'tramway_ref20150612171109044' url: " configFile:

C:\webserver\lizmap\prod\lizmap-web-client-3.1.12\lizmap\install\qgis\montpellier.qgs not found in layer cache'

[5236][14:18:45] Failed to load : Unknown error

[5236][14:18:45] Setting GetCapabilities response

[5236][14:18:45] Checking byte array is ok to set...

[5236][14:18:45] Byte array looks good, setting response...

[5236][14:18:45] Sending HTTP response

[5236][14:18:45] Request finished in 121 ms

And Lizmap log error:

AH02811: script not found or unable to stat: C:/webserver/Apache24/cgi-bin/qgis_mapserv.fcgi

I have installed all on a virtual machine with windows 2019 server. Any suggestion? Thank you in advance.

Darko Nedic 7 years ago · 0 Likes

Is it possible to install on Windows 10, QGIS Server 2.18 thru Osgo installation? When I run installer it automatically pulls two latest versions of QGIS server, but server won't run on versions 3.x.

Stephanie Saephan 7 years ago · 0 Likes

Hi,

Yes, you should be able to install QGIS Server 2.18 on Windows 10 through OSGEO. You need to go through the advanced setup option in OSGeo4W, then uncheck "hide obsolete packages". Under _obsolete default category , you should be able to select the QGIS server version (e.g. 2.18.28-2) to install.

Hope this helps.

Carlos 7 years ago · 0 Likes

Does Apache runs with both OSGEO4W and OSGEO4W64? I have seen different points of view in the internet

Stephanie Saephan 7 years ago · 0 Likes

OSGEO4W and OSGEO4W64 don't contain the same packages as far as I know. OSGEO4W64 doesn't seem to have the web related stuff like Apache and PHP. That's why I ended up installing Apache and PHP separately, then use OSGEO4W64 to install QGIS desktop and server.

You can check link below to see the difference in packages between the 32 and 64 bit versions of OSGEO4W:

<https://trac.osgeo.org/osgeo4w/wiki/PackageListing#a3264bitdifferences>

Darko Nedic 7 years ago · 0 Likes

Thank you so much :) it helps a lot...

Carlos 7 years ago · 0 Likes

When I change the Port at the first line of httpd-vhosts.conf to port 8082 the localhost:8082 browser gives a 403 Forbidden error:

Forbidden

You don't have permission to access / on this server.

Carlos 7 years ago · 0 Likes

Solved it, my php file was actually a txt file, but now I have another error.

When I browse for http://localhost/qgis/qgis_mapserv.fcgi.exe it gives me the following error:

Not Found

The requested URL /qgis/qgis_mapserv.fcgi.exe was not found on this server.

Stephanie Saephan 7 years ago · 0 Likes

Hi Carlos,

Try including your port number 8082 in your URL (e.g. http://localhost:8082). Good luck. I hope it works out for you.

Carlos 7 years ago · 0 Likes

When I browse http://localhost/qgis/qgis_mapserv.fcgi.exe it gives "Was not possible to connect" like it was without internet connection, and when I browse

http://localhost:8082/qgis/qgis_mapserv.fcgi.exe it gives the "Not Found" error

Stephanie Saephan

7 years ago · 0 Likes

I'm not sure what your issue but my guess is something is wrong with your web server configuration. What happens when you browse to <http://localhost:8082/>? Try checking your Apache configuration. Specifically, the `httpd.conf` file and `httpd-vhosts.conf` files. In `httpd.conf` file make sure your Server name is `localhost:8082` and also include use of virtual host. In `httpd-vhost.conf` file make sure you virtual host port (`<VirtualHost *:8082>`) also matches. Don't forget to restart your web server after each configuration change.

Darko Nedic

7 years ago · 0 Likes

Does anyone knows how to solve problem with: `qt.qpa.plugin: "Could not find the Qt platform plugin "offscreen" in ""`

This application failed to start because no Qt platform plugin could be initialized. Reinstalling the application may fix this problem."

This message received when trying to manually start `qgis_mapserv.fcgi` from `C:\OSGeo4W\apps\qgis-ltr\bin`

Med Messaoudi

7 years ago · 0 Likes

It's been more than ten days since I tried, unsuccessfully, to configure QGIS Server 2.18.28, I followed step by step the installation process of the tools you explained ...

anggi

8 years ago · 0 Likes

hi, thanks for your post.

i tried, somehow my apache still cannot work! i followed all your instruction. i stuck in step 6 part 2! maybe you can give some suggestion to me to recheck.

anggi 8 years ago · 0 Likes

I got this error report when installing apache as service

Errors reported here must be corrected before the service can be started.

(OS 10048)Only one usage of each socket address (protocol/network address/port) is normally permitted. : AH00072: make_sock: could not bind to address [::]:90

(OS 10048)Only one usage of each socket address (protocol/network address/port) is normally permitted. : AH00072: make_sock: could not bind to address 0.0.0.0:90

AH00451: no listening sockets available, shutting down

AH00015: Unable to open logs

Stephanie Saephan 8 years ago · 0 Likes

Hi there,

My guess is that something else is using port 90. Try to see if that port is already being used.

You can open up a Command Prompt window (run as administrator) then type in netstat -a -b which will tell you which ports are being used by what application on your computer. Or just try using a different port that you know for sure isn't already in use (e.g. 9090, 9000, 8000).

Hope this helps and good luck.

Steph

8 years ago · 0 Likes

It has worked, thanks once again. The issue was IIS in windows features and i have unchecked it

8 years ago · 0 Likes

Thanks for your response, and hopefully i will be successful in the installation

Stephanie Saephan 8 years ago · 0 Likes

Hi -

I'm not sure exactly what your error is in part 5. The wms_metadata.xml file doesn't really have any style in it - it just gives you some descriptive text info about the wms service. If you type in your browser:

`http://localhost/qgis/qgis_mapserv.fcgi.exe?`

`SERVICE=WMS&VERSION=1.3.0&REQUEST=GetCapabilities`

and you are not getting a service unknown or error message - then you are ok. I got the same info you got "This XML file doesn't have any style info..." This is of course different from what is shown in my post - which could just be that the wms_metadata.xml has changed slightly from when the post was written. My Lizmap web apps and QGIS server works even with the "This XML doesn't have any style info...". You should only worry if testing the QGIS server gives you a SERVICE UNKNOWN or UNSUPPORTED message.

As for your part 6 error message of 500 - I'm not sure what errors it would be (too general). Maybe try restarting your Apache server and try again (?)

Hope this helps. Good luck with your installation.

8 years ago · 0 Likes

Hey Stephanie

Thanks you so much for the post. am a novice and through it i have some progress in installing lizmap.

I am however having issues in part 5 and 6

1. This is part of the result from part 5

This XML file does not appear to have any style information associated with it. The document tree is shown below.

```
<WMS_Capabilities xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns="http://www.opengis.net/wms" xmlns:sld="http://www.opengis.net/sld"
xmlns:qgs="http://www.qgis.org/wms" version="1.3.0" xsi:schemaLocation="http://www.opengis.net/wms
http://schemas.opengis.net/wms/1.3.0/capabilities_1_3_0.xsd http://www.opengis.net/sld
http://schemas.opengis.net/sld/1.1.0/sld_capabilities.xsd http://www.qgis.org/wms
http://localhost:90/qgis/qgis_mapserv.fcgi.exe?SERVICE=WMS&REQUEST=GetSchemaExtension">
<Service>
<Name>WMS</Name>
<!-- Human-readable title for pick lists -->
```

```
<Title>QGIS mapserver</Title>
<!--
Narrative description providing additional information
-->
<Abstract>A WMS service with QGIS mapserver</Abstract>
<KeywordList>
<Keyword>QGIS mapserver</Keyword>
</KeywordList>
```

...i think its incorrect since yours starts with a description of the server..

1. Part 6 may be a built up error from 5. Once i modify the Lizmap's localconfig.ini.php file, its on for the first reload and i get this:

"Error 500. A technical error has ocured. Sorry for this trouble."

Any suggestions or guidelines on what i might be doing wrong?

Stephanie Saephan 8 years ago · 0 Likes

Hi -

Hmmm...I've never had or seen the issue that you are describing, so I'm not sure how I can help you. Are you only seeing that transparency issue with the demo Montpellier project? If so, may be try creating your own project in QGIS using the Lizmap plugin (see part 2 of my Lizmap post) and see if the transparency issue also happens in your web project? When you're creating your own project in QGIS via the Lizmap plugin - try creating one without using basemap (blank), just with vector data and see what happens. Another thought is that it could just be a bug or something in Lizmap - looks like you are using a newer update of Lizmap 3.1.18 whereas I'm using 3.1.12. It's hard to tell whether the problem is a QGIS one or Lizmap, but at least you got the Lizmap client working.

Sorry I can't be any more helpful. But good luck with your application.

JoshVan 8 years ago · 0 Likes

Thank you for putting together these directions! I was able to install Lizmap and everything. But it seems like layers in the demo (Montpellier) are transparent or something. I can see base layers from the web. I can click on the map and it opens a popup with information about the layers. I can open the attribute tables and see all of the features in each dataset. I followed your tutorial on how to publish a project and I got it in Lizmap just

fine. But the layers are also transparent in my project. I do not know where to start looking for the problem. I am using QGIS 2.18 on Windows 10 version 1709 and I have Lizmap version 3.1.18.

Have you seen something like this before? Are there more logs I can check somewhere?

Thank you

JoshVan 8 years ago · 0 Likes

I forgot to mention that I tried changing the opacity and zoom to layer. The opacity doesn't appear to change anything or make layers visible. Selecting zoom to layer or zoom to selected from inside the attribute table moves the map to the layer/selected feature, but I still cannot see anything.

Thank

8 years ago · 0 Likes

error code 1

8 years ago · 0 Likes

Hello, ty for video

I have a problem, after modify httpd-vhosts.conf Apache don't work, befor he work.

3. Open and edit httpd-vhosts.conf file (e.g. C:\webserver\Apache\Conf\extra\httpd-vhosts.conf) for use with Lizmap

a. Delete the two examples that are included in the file and insert the following code. Note: don't forget to change the port if you're using something other then default 80

```
<VirtualHost *:80>
```

```
Include conf/extra/php72.conf
```

```
ServerName localhost
```

```
DocumentRoot "C:/webserver/lizmap/"
```

```
<Directory "C:/webserver/lizmap">
```

```
Options -Indexes +FollowSymLinks +ExecCGI
```

```
AllowOverride All
Require all granted
</Directory>
```

```
CustomLog "logs/lizmap-access.log" common
ErrorLog "logs/lizmap-error.log"
</VirtualHost>
```

After

petr 8 years ago · 0 Likes

Hello, last issue I stumbled upon is that when I'm generating the data for the demo project (part6, step 10), I receive successful reports - all modules are installed for entry points admin, script, index. But when I launch the main lizmap page, I don't see the demo project there at all. Is there something I overlooked?

Stephanie Saephan 8 years ago · 0 Likes

Hi,

Thanks for your comments and suggestions. Are you able to access the main lizmap webpage (e.g. <http://localhost/index.php>) but just not seeing the demo project? I'm not sure how I can help you but maybe try clearing your temporary cache and restarting your Apache service? For me, the lizmap demo project is located in this directory `C:\webserver\lizmap\prod\lizmap-web-client-3.1.12\lizmap\install\qgis`. Maybe check to see if the Montpellier demo is in there. Perhaps it has something to do with your configuration file - where you have your DocumentRoot as being in your `C:/WEBSERVER/DATA` directory as well as having an alias `/www/` so that's where lizmap app is looking for the demo project files but that's not where it is located. In my configuration I have DocumentRoot as DocumentRoot `"C:/webserver/lizmap/prod/lizmap-web-client-3.1.12/lizmap/www/"` right after # Lizmap Production. You need to point to where the demo files are in your configuration file - if you have nothing in your `C:/WEBSERVER/DATA` directory then you shouldn't see anything.

```
<VirtualHost *:80>
Include conf/extra/php72.conf
ServerName localhost
```

Lizmap Production

```
DocumentRoot "C:/webserver/lizmap/prod/lizmap-web-client-3.1.12/lizmap/www/"
<Directory "C:/webserver/lizmap/prod/lizmap-web-client-3.1.12/lizmap/www/">
Options -Indexes +FollowSymLinks +ExecCGI
AllowOverride All
Require all granted
</Directory>
```

Hope this helps and good luck and I hope you get it working for your purpose.

petr 8 years ago · 0 Likes

Hello,

we finally found the working set of conf files. your content of php72.conf and virtualhosts.conf is a little bit messy and from the tutorial it is not always clear that the content of the file should be replaced instead of updated by following steps in your guide.

anyway, I ended up with this configuration, which works for me to be able to get WMS capabilities response for lizmap and also serve other PHP tasks for web page aliased to WWW folder

virtual hosts.conf:

```
<VirtualHost *:80>
Include conf/extra/php.conf
ServerName localhost

# ROOT DATA
DocumentRoot &quot;C:/WEBSERVER/DATA/&quot;
<Directory &quot;C:/WEBSERVER/DATA&quot;>
Options -Indexes +FollowSymLinks +ExecCGI
AllowOverride All
Require all granted
</Directory>

# Lizmap Production
Alias /prod/ &quot;C:/WEBSERVER/DATA/LIZMAP/prod/&quot;
```

```
<Directory "C:/WEBSERVER/DATA/LIZMAP/prod">
    Options -Indexes +FollowSymLinks +ExecCGI
    AllowOverride All
    Require all granted
</Directory>
```

```
# LizMap Pre-production
Alias /preprod/ "C:/WEBSERVER/DATA/LIZMAP/preprod/"
<Directory "C:/WEBSERVER/LIZMAP/preprod">
    Options -Indexes +FollowSymLinks +ExecCGI
    AllowOverride All
    Require all granted
</Directory>
```

```
Alias /qgis/ "C:/OSGeo4W64/apps/qgis-ltr/bin/"
<Directory "C:/OSGeo4W64/apps/qgis-ltr/bin">
    SetHandler fcgid-script
    Options +ExecCGI
    AllowOverride All
    Require all granted
</Directory>
```

```
Alias /document/ "C:/WEBSERVER/DATA/document/"
<Directory "C:/WEBSERVER/DATA/document">
    Options -Indexes +FollowSymLinks
    AllowOverride All
    Require all granted
</Directory>
```

```
CustomLog "logs/lizmap-access.log" common
ErrorLog "logs/lizmap-error.log"
```

```
#www
```

```
Alias /www/ "C:/WEBSERVER/DATA/www/"
<Directory "C:/WEBSERVER/DATA/www">
    Options FollowSymLinks
    AllowOverride All
```

Require all granted

</Directory>

php.conf:

```

FcgidInitialEnv PHPRC "C:\WEBSERVER\PHP"
FcgidInitialEnv PATH "C:\OSGeo4W64\bin;C:\OSGeo4W64\apps\qgis-
ltr\bin;C:\OSGeo4W64\apps\grass\grass-7.4.3\lib;C:\OSGeo4W64\apps\grass\grass-
7.4.3\bin;C:\Windows\system32;C:\Windows;C:\Windows\System32\WBem"
FcgidInitialEnv QT_PLUGIN_PATH "C:\OSGeo4W64\apps\qgis-
ltr\qtplugins;C:\OSGeo4W64\apps\Qt4\plugins"
FcgidInitialEnv PYTHONHOME "C:\OSGeo4W64\apps\Python27"
FcgidInitialEnv PYTHONPATH "C:\OSGeo4W64\apps\qgis-ltr\python;C:\OSGeo4W64\apps\qgis-
ltr\python\plugins;C:\OSGeo4W64\apps\Python27\DLLs;C:\OSGeo4W64\apps\Python27\lib;C:\OSGeo
4W64\bin;C:\OSGeo4W64\apps\Python27;C:\OSGeo4W64\apps\Python27\lib\site-packages"
FcgidInitialEnv LC_ALL "en_US.UTF-8"
FcgidInitialEnv PYTHONIOENCODING UTF-8
FcgidInitialEnv LANG "en_US.UTF-8"
FcgidInitialEnv QGIS_DEBUG 1
FcgidInitialEnv QGIS_SERVER_LOG_FILE "C:\WEBSERVER\Apache\logs\qgis_server.log"
FcgidInitialEnv QGIS_SERVER_LOG_LEVEL 0
FcgidInitialEnv QGIS_PLUGINPATH "C:\OSGeo4W64\apps\qgis-ltr\python\plugins"

FcgidIOTimeout 120

SetEnvIf Request_URI ^/qgis QGIS_PREFIX_PATH "C:\OSGeo4W64\apps\qgis-ltr"
SetEnvIf Request_URI ^/qgis TEMP "C:\Windows\Temp"
SetEnvIf Request_URI ^/qgis GDAL_DATA "C:\OSGeo4W64\share\gdal"
SetEnvIf Request_URI ^/qgis GDAL_DRIVER_PATH "C:\OSGeo4W64\bin"
SetEnvIf Request_URI ^/qgis PDAL_DRIVER_PATH "C:\OSGeo4W64\bin"
SetEnvIf Request_URI ^/qgis GDAL_SKIP "JP2ECW"
SetEnvIf Request_URI ^/qgis PROJ_LIB "C:\OSGeo4W64\share\proj"
<FilesMatch .php$>
AddHandler fcgid-script .php
FcgidWrapper "C:/WEBSERVER/PHP/php-cgi.exe" .php
</FilesMatch>

```

petr 8 years ago · 0 Likes

The requested URL /qgis/qgis_mapserv.fcgi.exe was not found on this server.

so either this is wrong alias:

```
Alias /qgis/ "C:/OSGeo4W64/apps/qgis-ltr/bin/"
<Directory "C:/OSGeo4W64/apps/qgis-ltr/bin/">
SetHandler fcgid-script
Options +ExecCGI
AllowOverride All
Require all granted
</Directory>
```

OR here is wrong alias?

```
SetEnvIf Request_URI ^/qgis QGIS_PREFIX_PATH "C:\OSGeo4W64\apps\qgis-ltr\bin"
SetEnvIf Request_URI ^/qgis TEMP "C:\Windows\Temp"
SetEnvIf Request_URI ^/qgis GDAL_DATA "C:\OSGeo4W64\share\gdal"
SetEnvIf Request_URI ^/qgis GDAL_DRIVER_PATH "C:\OSGeo4W64\bin"
SetEnvIf Request_URI ^/qgis PDAL_DRIVER_PATH "C:\OSGeo4W64\bin"
SetEnvIf Request_URI ^/qgis GDAL_SKIP "JP2ECW"
SetEnvIf Request_URI ^/qgis PROJ_LIB "C:\OSGeo4W64\share\proj"
```

my osgeo installation has the same locations as yours

petr 8 years ago · 0 Likes

I would say this should be like

```
SetEnvIf Request_URI ^/qgis QGIS_PREFIX_PATH "C:\OSGeo4W64\bin"
```

but it still doesnt work....

petr 8 years ago · 0 Likes

Hello,

Im getting 403 forbidden access at the end of part 4

my php72.conf

```
FcgidInitialEnv PHPRC "C:\WEBSERVER\PHP"
```

```
<FilesMatch \.php$>
AddHandler fcgid-script .php
FcgidWrapper "C:/WEBSERVER/PHP/php-cgi.exe" .php
</FilesMatch>
```

```
my httpd-vhosts.conf
VirtualHost *:80>
Include conf/extra/php72.conf
ServerName localhost
DocumentRoot "C:/WEBSERVER/LIZMAP/"
```

```
<Directory "C:/WEBSERVER/LIZMAP">
Options -Indexes +FollowSymLinks +ExecCGI
AllowOverride All
Require all granted
</Directory>
```

```
CustomLog "logs/lizmap-access.log" common
ErrorLog "logs/lizmap-error.log"
</VirtualHost>
```

maybe I need to set up some NT.SERVICE/apache folder permissions?

petr 8 years ago · 0 Likes

I fixed this with renaming php.conf file.
Im getting PHP info now

Stephanie Saephan 8 years ago · 0 Likes

Sorry I meant to say it should be the following. Double \ slashes in the first and second line.

```
FcgidInitialEnv PHPRC "C:\webserver\php72"
<FilesMatch \.php$>
AddHandler fcgid-script .php
FcgidWrapper "C:/webserver/php72/php-cgi.exe" .php
</FilesMatch>
```

petr 8 years ago · 0 Likes

Thanks for reply,
Im actually seeing double slashes in your tutorial. Im using Mozilla Firefox browser

Stephanie Saephan 8 years ago · 0 Likes

Hi Petr,

Check your php72.conf file - it looks like you may have mistyped some characters - you are missing some / slashes. They need to be exactly as written otherwise it'll throw error. Good luck getting it working.

```
FcgidInitialEnv PHPRC "C:\webserver\php72"  
<FilesMatch \.php$>  
AddHandler fcgid-script .php  
FcgidWrapper "C:/webserver/php72/php-cgi.exe" .php  
</FilesMatch>
```

rldhont 8 years ago · 0 Likes

Hello,
I just found your blog post about installing Lizmap on Windows.
Can you help to enhance the official documentation ?
<https://docs.lizmap.com/current/en/install/windows.html>
<https://github.com/3liz/lizmap-documentation>

Thanks

Stephanie Saephan 8 years ago · 0 Likes

Hi,

Sure I would love to help out with the documentation. I appreciate that LizMap is open source :)

Thanks,
Stephanie

Mika 8 years ago · 0 Likes

Hello,

Thanks for the tutorial, I'm experimenting with lizmap. I have the installation step by step with the instructions. I can access the lizmap default page. When I try to access my maps, including the demo map, there is a forever loading cycle, and "SERVICE NOT DISPONIBLE!" appears in the top frame.

Can you help me and do you have any idea what is causing this error?

Stephanie Saephan 8 years ago · 0 Likes

Hi Mika,

Have a look at the follow up post to this one, here: <https://opengislab.com/blog/2018/7/19/using-lizmap-plugin-to-publish-web-maps>

Where are you storing your own web map file? If you can access the lizmap default page then your installation - check your configuration and make sure it's pointing to the correct location of your files. For example - in Part 6 step 5: the configuration is pointing to location of the Lizmap demo - maybe try putting your web map files in the same location as the demo and see if that works.

Hope it works out for you.

Stephanie

Jürgen 8 years ago · 0 Likes

Hello Stephanie,

I have a question about your blog post

"Updated - Installing Apache, QGIS Server, and Web Client Lizmap on Windows OS"

I miss in part 5 the numbers 4-8.

Do I need this?

I am currently at part 5 number 1. I stop the work and wait for your feedback.

Thank you and greetings, Jürgen

Stephanie Saephan 8 years ago · 0 Likes

Aloha-

Thanks for noticing that error - it is just a numbering error on my part. I was cutting and pasting from my notes and somehow miss-numbered the steps. I have fixed the numbering in the post now. You can just go ahead and follow along the rest of the instructions. I hope your installation and configuration is successful.

Steph

Darko Nedic 8 years ago · 0 Likes

Thank you for this instructions. I have days of struggling with starting qgis_mapserv.fcgi.exe. Nothing works, all known issues while starting QGIS server was not solving problem. Than I try manually to run qgis_mapserv.fcgi.exe from C:\OSGeo4W64\apps\qgis-ltr\bin just to see what error will I get. It seems that some dll are missing. So if anyone has a problem to start QGIS WMS as fcgi, it should copy all dll from C:\OSGeo4W64\bin, restart Apache24 and it works!.

Ondrej 8 years ago · 0 Likes

Thanks for the good tutorial! I send greetings from Czech Republic :-)

Maxime 8 years ago · 0 Likes

Un GRAND Merci !!!

8 years ago · 0 Likes

Hi Stephanie,

Thanks for the good tutorial!

One question: i can't print from the Montpellier Demo web app, what could it be?

Stephanie Saephan 8 years ago · 0 Likes

Hi,

I am able to print from the Montpellier - Transports - Demo web app, so I'm not sure why you wouldn't be able to. Although the pdf that is exported does not have a basemap (e.g. no aerial, OSM, google, etc), only the vector features. Are you getting any sort of errors? If so, can you specific the type of error you are getting? You can also check the posting on using Lizmap plugin in QGIS to publish web maps: <https://opengislab.com/blog/2018/7/19/using-lizmap-plugin-to-publish-web-maps> . I wrote about some caveats to printing basemaps at the end of the blog post. Sorry- wish I could be more helpful.

Vince 8 years ago · 0 Likes

In which folder on the server does one need to save the shapefiles, for them to show up?

Stephanie Saephan 8 years ago · 0 Likes

Are you talking about the Lizmap demo project files? If so, then you need to make sure that you specify that the demo be installed as part of Lizmap installation process - see Part 6, step 9. If you don't specify the demo web app to be installed then you won't see any web apps (unless you use your own using your own data).

Once you specify the demo projects to be installed as part of the Lizmap installation then you can find the demo project files in the paths below (at least on my machine the files are stored at the locations below).

This is the demo montpellier project path:

C:\webserver\lizmap\prod\lizmap-web-client-3.1.12\lizmap\install\qgis

This is the second intranet demo project path:

C:\webserver\lizmap\prod\lizmap-web-client-3.1.12\lizmap\install\qgis_intranet

For using your own data and to create a custom web app -- see my post on publishing web maps with QGIS and Lizmap Plugin:

<https://opengislab.com/blog/2018/7/19/using-lizmap-plugin-to-publish-web-maps>.

Hope this helps.

Stephanie Saephan 8 years ago · 0 Likes

I use a software called FastStone Screen Capture: <http://www.faststone.org/FSCaptureDetail.htm>
I have been using it for years now and for the price of \$20 lifetime license it can't be beat. I really like it and think it's much better than other more fancy and expensive screen capture software. It's easy to use and does everything I want it to.

[object Object] 8 years ago · 0 Likes

Thank you!

TechGus 8 years ago · 0 Likes

Thanks for a very detailed step-by-step instruction set. I have one question though, what software did you use for your screenshots and the popping yellow highlights?

Tyler Veinot 8 years ago · 0 Likes

I keep getting The requested URL /qgis/qgis_mapserv.fcgi.exe was not found on this server after completing step 5. Everything was working till that point. I installed QGIS LTR and QGIS Server LTR using the OSGEO4W 64bit installer, making no directory changes. I have the files in the locations for the server as well.

Any thoughts on what to check?

Tyler Veinot 8 years ago · 0 Likes

Found the issue, I made a mistake when appending some code to one of the conf files. After that everything seemed to work. thanks for the guide I tried this a few times before on a 64bit Windows and I couldn't get it working.

< Using QGIS, Lizmap Plugin and Web Client to Publish Web Maps

Flood Mapping with Sentinel-1 Data using SNAP and QGIS >

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