

QGIS Application - Bug report #18230

QGIS server 3.0 : service configuration error (service unknown or unsupported)

2018-02-26 03:34 PM - Rémi Bonnefoi

Status:	Closed	
Priority:	High	
Assignee:	Alessandro Pasotti	
Category:	QGIS Server	
Affected QGIS version:	3.1(master)	Regression?: Yes
Operating System:	linux debian	Easy fix?: No
Pull Request or Patch applied:	Yes	Resolution: fixed/implemented
Crashes QGIS or corrupts data:	No	Copied to github as #: 26121
Description		
Hi all, I upgraded yesterday from the 2.99 to the 3.0 version. Since then, every request to the qgis server has a response saying : <pre><ServiceExceptionReport version="1.3.0"> <ServiceException code="Service configuration error">Service unknown or unsupported</ServiceException> </ServiceExceptionReport></pre> while the response code is 200. After some investigations, I think the problem comes from a bad management of PATH variables, some of them using a double "lib" in the path (for instant, according to the qgis server error log file, it is looking for the plugins in the /usr/lib/lib/qgis path, while it is in /usr/lib/qgis, and the qgispython library in /usr/lib/lib, while it is in the /usr/lib. Here is a full copy/paste of my error log file : <pre>[1783][15:33:22] Qgis Server Settings: [1783][15:33:22] - QGIS_OPTIONS_PATH / " (Override the default path for user configuration): " (read from DEFAULT_VALUE) [1783][15:33:22] - QGIS_SERVER_PARALLEL_RENDERING / '/qgis/parallel_rendering' (Activate/Deactivate parallel rendering for WMS getMap request): 'false' (read from DEFAULT_VALUE) [1783][15:33:22] - QGIS_SERVER_MAX_THREADS / '/qgis/max_threads' (Number of threads to use when parallel rendering is activated): '-1' (read from DEFAULT_VALUE) [1783][15:33:22] - QGIS_SERVER_LOG_LEVEL / " (Log level): '0' (read from ENVIRONMENT_VARIABLE) [1783][15:33:22] - QGIS_SERVER_LOG_FILE / " (Log file): '/var/log/qgis/qgisserver.log' (read from ENVIRONMENT_VARIABLE) [1783][15:33:22] - QGIS_PROJECT_FILE / " (QGIS project file): '/var/www/bremond/sig/bremond-server.qgs' (read from ENVIRONMENT_VARIABLE) [1783][15:33:22] - MAX_CACHE_LAYERS / " (Specify the maximum number of cached layers): '100' (read from DEFAULT_VALUE) [1783][15:33:22] - QGIS_SERVER_CACHE_DIRECTORY / '/cache/directory' (Specify the cache directory): '/usr/local/share/QGIS/QGIS3/profiles/default/cache' (read from DEFAULT_VALUE) [1783][15:33:22] - QGIS_SERVER_CACHE_SIZE / '/cache/size' (Specify the cache size): '52428800' (read from DEFAULT_VALUE) [1783][15:33:22] Ini file used to initialize settings: /usr/local/share/QGIS/QGIS3/profiles/default/QGIS/QGIS3.ini [1783][15:33:22] cacheDirectory: /usr/local/share/QGIS/QGIS3/profiles/default/cache/ [1783][15:33:22] maximumCacheSize: 52428800 [1783][15:33:22] No QGIS data provider plugins found in: /usr/lib/lib/qgis/plugins No vector layers can be loaded. Check your QGIS installation [1783][15:33:22] Prefix PATH: /usr/lib [1783][15:33:22] Plugin PATH: /usr/lib/lib/qgis/plugins</pre>		

[1783][15:33:22] PkgData PATH: /usr/lib/share/qgis
[1783][15:33:22] User DB PATH: //local/share/QGIS/QGIS3/profiles/default/qgis.db
[1783][15:33:22] Auth DB PATH: /var/www/bremond/sig/qgisserverdb/qgis-auth.db
[1783][15:33:22] SVG PATHS: /usr/lib/share/qgis/svg////local/share/QGIS/QGIS3/profiles/default/svg/
[1783][15:33:22] No QGIS auth method plugins found in:
/usr/lib/lib/qgis/plugins
No authentication methods can be used. Check your QGIS installation
[1783][15:33:22] Server initialized
[1783][15:33:22] load library /usr/lib/lib/qgispython (3.1.0)
[1783][15:33:22] Couldn't load Python support library: Cannot load library /usr/lib/lib/qgispython: (/usr/lib/lib/libqgispython.so: cannot open shared object file: No such file or directory)
[1783][15:33:22] No server python plugins are available
[1783][15:33:22] ***** New request *****
[1783][15:33:22] REMOTE_ADDR: 81.220.137.231
[1783][15:33:22] HTTP_USER_AGENT: Mozilla/5.0 (Windows NT 10.0; Win64; x64; rv:58.0) Gecko/20100101 Firefox/58.0
[1783][15:33:22] REQUEST:GetCapabilities
[1783][15:33:22] SERVICE:WMS
[1783][15:33:22] Invalid data provider wms
[1783][15:33:22] Invalid data provider wms
[1783][15:33:22] Could not open CRS database /usr/lib/share/qgis/resources/srs.db
Error(14): unable to open database file
[1783][15:33:22] Invalid data provider ogr
[1783][15:33:22] Invalid data provider wms
[1783][15:33:22] Invalid data provider wms
[1783][15:33:22] Invalid data provider wms
[1783][15:33:22] Invalid data provider ogr
[1783][15:33:22] Invalid data provider ogr
[1783][15:33:22] Invalid data provider ogr
[1783][15:33:22] Invalid data provider ogr
[1783][15:33:22] Invalid data provider ogr
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[1783][15:33:22] Invalid data provider ogr
[1783][15:33:22] Invalid data provider ogr
[1783][15:33:22] Invalid data provider ogr
[1783][15:33:22] Invalid data provider ogr
[1783][15:33:22] Invalid data provider wms
[1783][15:33:22] Invalid data provider wms
[1783][15:33:22] Invalid data provider wms
[1783][15:33:22] Invalid data provider wms
[1783][15:33:22] Invalid data provider ogr
[1783][15:33:22] Invalid data provider ogr
[1783][15:33:22] Invalid data provider ogr
[1783][15:33:22] Invalid data provider wms
[1783][15:33:22] Invalid data provider ogr
[1783][15:33:22] Invalid data provider ogr

[1783][15:33:22] Invalid data provider ogr

[1783][15:33:22] Invalid data provider ogr

[1783][15:33:22] Invalid data provider ogr

[1783][15:33:22] Invalid data provider ogr

[1783][15:33:22] 38 bad layers dismissed:

[1783][15:33:22] *

contextualWMSLegend=0&crs=EPSG:3857&dpiMode=7&featureCount=10&format=image/jpeg&layers=HR.ORTHOIMAGERY.ORTHOPHOTOS2000&password=Groupe-bremond&styles=&url=http://wxs.ign.fr/coccr5vavs7arn63wwht9wht/geoportail/r/wmts?VERSION%3D1.3.0%26&username=Apertura

[1783][15:33:22] *

contextualWMSLegend=0&crs=EPSG:3857&dpiMode=7&featureCount=10&format=image/png&layers=BDPARCELLAIRE-VECTEUR_WLD_BDL_BDD_WGS84G&password=Groupe-bremond&styles=&url=http://wxs.ign.fr/coccr5vavs7arn63wwht9wht/geoportail/v/wmts?VERSION%3D1.3.0%26&username=Apertura

[1783][15:33:22] * ./IGN/ADE/COMMUNE.shp

[1783][15:33:22] *

contextualWMSLegend=0&crs=EPSG:3857&dpiMode=7&featureCount=10&format=image/jpeg&layers=GEOGRAPHICALGRIDSYSTEMS.ETATMAJOR40&password=Groupe-bremond&styles=normal&tileMatrixSet=PM&url=http://wxs.ign.fr/coccr5vavs7arn63wwht9wht/wmts?SERVICE%3DWMTS%26VERSION%3D1.0.0%26REQUEST%3DGetCapabilities&username=Apertura

[1783][15:33:22] *

contextualWMSLegend=0&crs=EPSG:3857&dpiMode=7&featureCount=10&format=image/jpeg&layers=GEOGRAPHICALGRIDSYSTEMS.ETATMAJOR10&password=Groupe-bremond&styles=normal&tileMatrixSet=PM&url=http://wxs.ign.fr/coccr5vavs7arn63wwht9wht/wmts?SERVICE%3DWMTS%26VERSION%3D1.0.0%26REQUEST%3DGetCapabilities&username=Apertura

[1783][15:33:22] *

contextualWMSLegend=0&crs=EPSG:3857&dpiMode=7&featureCount=10&format=image/jpeg&layers=GEOGRAPHICALGRIDSYSTEMS.1900TYPEMAPS&password=Groupe-bremond&styles=normal&tileMatrixSet=PM&url=http://wxs.ign.fr/coccr5vavs7arn63wwht9wht/wmts?SERVICE%3DWMTS%26VERSION%3D1.0.0%26REQUEST%3DGetCapabilities&username=Apertura

[1783][15:33:22] * ./IGN/ADE/DEPARTEMENT.shp

[1783][15:33:22] * ./Nantes Metropole/DPLU_ETUDE_S_polygon.shp

[1783][15:33:22] * ./Nantes Metropole/DPLU_OA_S_polygon.shp

[1783][15:33:22] * ./Nantes Metropole/DPLU_PAE_S_polygon.shp

[1783][15:33:22] * ./Nantes Metropole/DPLU_PUP_S_polygon.shp

[1783][15:33:22] * ./Nantes Metropole/DPLU_RESERV_S_polygon.shp

[1783][15:33:22] * ./Nantes Metropole/DPLU_ZAC_S_polygon.shp

[1783][15:33:22] * ./Nantes Metropole/DPLU_ZAD_S_polygon.shp

[1783][15:33:22] * ./Nantes Metropole/DPLU_ZONE_S_polygon.shp

[1783][15:33:22] * ./IGN/ADE/EPCI.shp

[1783][15:33:22] * ./APUR/EPCI.shp

[1783][15:33:22] * ./IGN/ADE/EPCI.shp

[1783][15:33:22] * ./APUR/EPCI.shp

[1783][15:33:22] * ./APUR/ESPACE_BATI_PROJET.shp

[1783][15:33:22] * ./APUR/ESPACE_PUBLIC_OU_PRIVÉ_NON_BATI_PROJET.shp

[1783][15:33:22] * ./EPFIF/MAITRISE-5.kml

[1783][15:33:22] * ./SIGVille/NPNRU.shp

[1783][15:33:22] *

crs=EPSG:3857&format&type=xyz&url=http://a.tile.openstreetmap.org/%7Bz%7D/%7Bx%7D/%7By%7D.png&zmax=19&zmin=0

[1783][15:33:22] *

crs=EPSG:3857&format&type=xyz&url=http://a.tile.openstreetmap.org/%7Bz%7D/%7Bx%7D/%7By%7D.png&zmax=19&zmin=0

[1783][15:33:22] *

contextualWMSLegend=0&crs=EPSG:3857&dpiMode=7&featureCount=10&format=image/jpeg&layers=ORTHOIMAGERY.ORTHOPHOTOS2000&password=Groupe-bremond&styles=normal&tileMatrixSet=PM&url=http://wxs.ign.fr/coccr5vavs7arn63wwht9wht/wmts?SERVICE%3DWMTS%26VERSION%3D1.0.0%26REQUEST%3DGetCapabilities&username=Apertura

[1783][15:33:22] *

contextualWMSLegend=0&crs=EPSG:3857&dpiMode=7&featureCount=10&format=image/jpeg&layers=ORTHOIMAGERY.ORTHOPHOTOS2000&password=Groupe-bremond&styles=normal&tileMatrixSet=PM&url=http://wxs.ign.fr/coccr5vavs7arn63wwht9wht/wmts?SERVICE%3DWMTS%26VERSION%3D1.0.0%26REQUEST%3DGetCapabilities&username=Apertura

```
TOS2010&password=Groupe-bremond&styles=normal&tileMatrixSet=PM&url=http://wxs.ign.fr/coccr5vavs7arn63wwht9wht/wmts?SERVICE%3D
ICE%3DWMTS%26VERSION%3D1.0.0%26REQUEST%3DGetCapabilities&username=Apertura
[1783][15:33:22] *
contextualWMSLegend=0&crs=EPSG:3857&dpiMode=7&featureCount=10&format=image/png&layers=ORTHOIMAGERY.ORTHOPHOTOS.19
TOS.1950-1965&password=Groupe-bremond&styles=normal&tileMatrixSet=PM&url=http://wxs.ign.fr/coccr5vavs7arn63wwht9wht/wmts?SERVI
?SERVICE%3DWMTS%26VERSION%3D1.0.0%26REQUEST%3DGetCapabilities&username=Apertura
[1783][15:33:22] *
./IAU/Projets_de_transport_de_la_Region_IledeFrance_inscrits_sur_la_CDGT_du_Sdrif_approuve_le_27_decembre_2013.shp
[1783][15:33:22] * ./SIGVille/QPV300m.shp
[1783][15:33:22] * ./SIGVille/QPV.shp
[1783][15:33:22] *
contextualWMSLegend=0&crs=EPSG:3857&dpiMode=7&featureCount=10&format=image/jpeg&layers=GEOGRAPHICALGRIDSYSTEMS.MAP
MS.MAPS.SCAN50.1950&password=Groupe-bremond&styles=normal&tileMatrixSet=PM&url=http://wxs.ign.fr/coccr5vavs7arn63wwht9wht/wmt
wht/wmts?SERVICE%3DWMTS%26VERSION%3D1.0.0%26REQUEST%3DGetCapabilities&username=Apertura
[1783][15:33:22] * ./APUR/SECTEUR_OPERATIONNEL_PROJET.shp
[1783][15:33:22] * ./IGN/ADE/COMMUNE.shp
[1783][15:33:22] * ./STIF/emplacement-des-gares-idf-data-generalisee.shp
[1783][15:33:22] * ./IAU/Projets_damenagement_en_IledeFrance.shp
[1783][15:33:22] * ./STIF/projets_arrets_idf.shp
[1783][15:33:22] * ./STIF/traces-du-reseau-ferre-idf.shp
[1783][15:33:22] Can't open database: unable to open database file
[1783][15:33:22] Can't open database: unable to open database file
[1783][15:33:22] Can't open database: unable to open database file
[1783][15:33:22] Service WMS is not registered
[1783][15:33:22] Request finished in 220 ms
```

Associated revisions

Revision 1d7d51c8 - 2018-03-01 01:12 PM - Alessandro Pasotti

[bugfix][server] Fix prefix path for server

Fixes #18230 - service configuration error (service unknown or unsupported)

I though about placing the fix into the server code, but I believe that it's much more cleaner here: otherwise we'd need to adjust all other paths **after** they were uncorrectly set by the application `init()` code.

History

#1 - 2018-02-27 01:20 PM - Nicolas Liaudat

Confirmed bad link to `/usr/lib/lib/qgis/server` (instead of `/usr/lib/qgis/server`)

`/var/log/apache2/error.log`

`@Initializing server modules from "/usr/lib/lib/qgis/server"`

`"Checking /usr/lib/lib/qgis/server for native services modules"`

`Cannot open file './images/composer/missing_image.svg', because: No such file or directory@`

I've test to symlink ...

`cd /usr/lib`

In -s ../lib/ lib

I got following log :

/var/log/messages

Feb 28 11:01:52 ip-10-0-10-36 kernel: [371.964257] qgis_mapserv.fc[1316]: segfault at e0 ip 00007f2ec46e8a00 sp 00007ffec791cdd8 error 4 in libqgis_core.so.3.0.0[7f2ec4168000+ca5000]

/var/log/apache2/error.log

Initializing server modules from "/usr/lib/lib/qgis/server"

"Checking /usr/lib/lib/qgis/server for native services modules"

"Loading native module /usr/lib/lib/qgis/server/libdummy.so"

"Loading native module /usr/lib/lib/qgis/server/libwcs.so"

"Loading native module /usr/lib/lib/qgis/server/libwfs.so"

"Loading native module /usr/lib/lib/qgis/server/libwms.so"

QFSFileEngine::open: No file name specified

Loading a file that was saved with an older version of qgis (saved in 2.18.15, loaded in 3.0.0-Girona). Problems may occur.

QNetworkDiskCache::prepare() unable to open temporary file

QNetworkDiskCache::prepare() unable to open temporary file

QNetworkDiskCache::prepare() unable to open temporary file

#2 - 2018-02-28 03:55 PM - Nicolas Liaudat

That problem occurs only when upgrading from 2.14.

No problem on a fresh install

#3 - 2018-02-28 07:18 PM - Rémi Bonnefoi

I upgraded from 2.99 and the problem occurred.

I just tried an apt remove --purge qgis-server python-qgis and then reinstall, the problem is still there.

Could anyone help to solve this problem ?

Thanks,

Remi.

#4 - 2018-02-28 07:37 PM - Giovanni Manghi

- Status changed from Open to Feedback

Rémi Bonnefoi wrote:

I upgraded from 2.99 and the problem occurred.

I just tried an apt remove --purge qgis-server python-qgis and then reinstall, the problem is still there.

Could anyone help to solve this problem ?

Thanks,

2025-05-18

| Remi.

How your GetMap/GetCapabilities/etc look like?

#5 - 2018-03-01 09:37 AM - Rémi Bonnefoi

Hi Giovanni,

It is not a matter of request syntax, but of path setup.

I inferred to try an overwriting of the Prefix PATH in the Apache conf file of the QGIS Server file and it worked.

Here is the line I added in my qgis-server.conf in /etc/apache/sites-available :

```
FcgidInitialEnv QGIS_PREFIX_PATH /usr
```

The different services (WMS, WFS) are now well loaded and are effective.

It confirms it is only a matter of misconfiguration of the qgis-server default conf (use a /usr as a prefix PATH, or use a /usr/lib and remove the redundant lib path in all the pertinent suffixes used.

Regards,

Remi.

#6 - 2018-03-01 11:16 AM - Rémi Bonnefoi

- Status changed from Feedback to Open

In my opinion, the post should be left with open status, as there is something to correct in the default configuration / installation procedure, even if I found a kind of manual patch (the adding of the FcgidInitialEnv QGIS_PREFIX_PATH /usr command in the qgis-server apache site conf file).

#7 - 2018-03-01 11:58 AM - Alessandro Pasotti

- Assignee set to Alessandro Pasotti

#8 - 2018-03-01 12:33 PM - Alessandro Pasotti

Temporary workaround:

Apache:

1. FCGI:

```
FcgidInitialEnv QGIS_PREFIX_PATH "/usr"
```

1. CGI:

```
SetEnv QGIS_PREFIX_PATH "/usr"
```

#9 - 2018-03-01 01:52 PM - Alessandro Pasotti

- Pull Request or Patch supplied changed from No to Yes

PR <https://github.com/qgis/QGIS/pull/6502>

#10 - 2018-03-01 01:52 PM - Alessandro Pasotti

- Status changed from Open to In Progress

#11 - 2018-03-01 10:01 PM - Anonymous

- Status changed from In Progress to Closed

- % Done changed from 0 to 100

Applied in changeset commit:qgis|1d7d51c8e193638f99dd6437db2791a0670d3393.

#12 - 2018-03-01 10:02 PM - Alessandro Pasotti

- Resolution set to fixed/implemented

#13 - 2018-11-01 03:59 PM - Umberto Minora

Sorry to jump in, I know this is an old bug, but I think it might be related to what I am experiencing.

I recently installed qgis server 3.4 from the Ubuntu repository on my Ubuntu server 18.04 bionic.

After following along the configuration explained in https://docs.qgis.org/2.18/en/docs/training_manual/qgis_server/install.html, I ended up having what seemed to be a working qgis server installation.

When I downloaded the demo from https://github.com/qgis/QGIS-Training-Data/tree/QGIS-Training-Data-v2.0/training_manual_data, I tried to make a GetCapabilities request to the world.qgs project, but I received the exception "Service unknown or unsupported".

My request looks like: curl

http://qgis.demo/cgi-bin/qgis_mapserv.fcgi?SERVICE=WMS%26VERSION=1.3.0%26REQUEST=GetCapabilities%26map=/home/ubuntu/qgis/projects/qgis-server-tutorial-data/world.qgs.

My /var/log/apache2/error.log (last sentence may be relevant?):

QStandardPaths: XDG_RUNTIME_DIR not set, defaulting to '/tmp/runtime-www-data'

Warning 1: Unable to find driver ECW to unload from GDAL_SKIP environment variable.

Warning 1: Unable to find driver ECW to unload from GDAL_SKIP environment variable.

Warning 1: Unable to find driver JP2ECW to unload from GDAL_SKIP environment variable.

Warning 1: Unable to find driver ECW to unload from GDAL_SKIP environment variable.

Warning 1: Unable to find driver JP2ECW to unload from GDAL_SKIP environment variable.

Initializing server modules from "/usr/lib/qgis/server"

"Checking /usr/lib/qgis/server for native services modules"

"Loading native module /usr/lib/qgis/server/libdummy.so"

"Loading native module /usr/lib/qgis/server/libwcs.so"

"Loading native module /usr/lib/qgis/server/libwfs.so"

"Loading native module /usr/lib/qgis/server/libwms.so"

"Loading native module /usr/lib/qgis/server/libwmts.so"

Loading a file that was saved with an older version of qgis (saved in 0.0.0, loaded in 3.4.0-Madeira). Problems may occur.

And this is the /var/log/qgis/qgisserver.log (last sentence seems relevant here as well:

22:19:45 INFO Server⁴¹¹⁸: Qgis Server Settings:

22:19:45 INFO Server⁴¹¹⁸: - QGIS_OPTIONS_PATH / " (Override the default path for user configuration): " (read from DEFAULT_VALUE)

22:19:45 INFO Server⁴¹¹⁸: - QGIS_SERVER_PARALLEL_RENDERING / 'qgis/parallel_rendering' (Activate/Deactivate parallel rendering for WMS getMap request): 'false' (read from DEFAULT_VALUE)

22:19:45 INFO Server⁴¹¹⁸: - QGIS_SERVER_MAX_THREADS / 'qgis/max_threads' (Number of threads to use when parallel rendering is activated): '-1' (read from DEFAULT_VALUE)

22:19:45 INFO Server⁴¹¹⁸: - QGIS_SERVER_LOG_LEVEL / " (Log level): '0' (read from ENVIRONMENT_VARIABLE)

22:19:45 INFO Server⁴¹¹⁸: - QGIS_SERVER_LOG_FILE / " (Log file): '/var/log/qgis/qgisserver.log' (read from ENVIRONMENT_VARIABLE)

22:19:45 INFO Server⁴¹¹⁸: - QGIS_SERVER_LOG_STDERR / " (Activate/Deactivate logging to stderr): 'false' (read from DEFAULT_VALUE)

22:19:45 INFO Server⁴¹¹⁸: - QGIS_PROJECT_FILE / " (QGIS project file): " (read from DEFAULT_VALUE)

22:19:45 INFO Server⁴¹¹⁸: - MAX_CACHE_LAYERS / " (Specify the maximum number of cached layers): '100' (read from DEFAULT_VALUE)

22:19:45 INFO Server⁴¹¹⁸: - QGIS_SERVER_CACHE_DIRECTORY / '/cache/directory' (Specify the cache directory):
 '//.local/share/QGIS/QGIS3/profiles/default/cache' (read from DEFAULT_VALUE)

22:19:45 INFO Server⁴¹¹⁸: - QGIS_SERVER_CACHE_SIZE / '/cache/size' (Specify the cache size): '52428800' (read from DEFAULT_VALUE)

22:19:45 INFO Server⁴¹¹⁸: Ini file used to initialize settings: /.local/share/QGIS/QGIS3/profiles/default/QGIS/QGIS3.ini

22:19:45 INFO Server⁴¹¹⁸: cacheDirectory: /.local/share/QGIS/QGIS3/profiles/default/cache/

22:19:45 INFO Server⁴¹¹⁸: maximumCacheSize: 52428800

22:19:45 INFO Server⁴¹¹⁸: Prefix PATH: /usr

22:19:45 INFO Server⁴¹¹⁸: Plugin PATH: /usr/lib/qgis/plugins

22:19:45 INFO Server⁴¹¹⁸: PkgData PATH: /usr/share/qgis

22:19:45 INFO Server⁴¹¹⁸: User DB PATH: //.local/share/QGIS/QGIS3/profiles/default/qgis.db

22:19:45 INFO Server⁴¹¹⁸: Auth DB PATH: /home/ubuntu/qgis/qgisserverdb/qgis-auth.db

22:19:45 INFO Server⁴¹¹⁸: SVG PATHS: /usr/share/qgis/svg///.local/share/QGIS/22:19:45 WARNING [4118]: Adding service WCS 1.0.0

22:19:45 WARNING [4118]: Adding service WMTS 1.0.0

22:19:45 INFO Server⁴¹¹⁸: Server initialized

22:19:45 INFO ../src/server/qgisserverplugins.cpp⁴¹¹⁸: load library /usr/lib/qgispython (3.4.0)

22:19:45 INFO ../src/server/qgisserverplugins.cpp⁴¹¹⁸: Python support library loaded successfully.

22:19:45 INFO Server⁴¹¹⁸: No server python plugins are available

22:19:45 INFO Server⁴¹¹⁸: ***** New request *****

22:19:45 INFO Server⁴¹¹⁸: REMOTE_ADDR: 35.180.100.12

22:19:45 INFO Server⁴¹¹⁸: HTTP_USER_AGENT: curl/7.58.0

22:19:45 INFO Server⁴¹¹⁸: Using default configuration file path: /usr/lib/cgi-22:19:45 INFO Server⁴¹¹⁸: Request finished in 10 ms

20:57:59 INFO Server¹⁸²⁷⁵: Qgis Server Settings:

20:57:59 INFO Server¹⁸²⁷⁵: - QGIS_OPTIONS_PATH / " (Override the default path for user configuration): " (read from DEFAULT_VALUE)

20:57:59 INFO Server¹⁸²⁷⁵: - QGIS_SERVER_PARALLEL_RENDERING / 'qgis/parallel_rendering' (Activate/Deactivate parallel rendering for WMS getMap request): 'false' (read from DEFAULT_VALUE)

20:57:59 INFO Server¹⁸²⁷⁵: - QGIS_SERVER_MAX_THREADS / 'qgis/max_threads' (Number of threads to use when parallel rendering is activated):
 '-1' (read from DEFAULT_VALUE)

20:57:59 INFO Server¹⁸²⁷⁵: - QGIS_SERVER_LOG_LEVEL / " (Log level): '0' (read from ENVIRONMENT_VARIABLE)

20:57:59 INFO Server¹⁸²⁷⁵: - QGIS_SERVER_LOG_FILE / " (Log file): '/var/log/qgis/qgisserver.log' (read from ENVIRONMENT_VARIABLE)

20:57:59 INFO Server¹⁸²⁷⁵: - QGIS_SERVER_LOG_STDERR / " (Activate/Deactivate logging to stderr): 'false' (read from DEFAULT_VALUE)

20:57:59 INFO Server¹⁸²⁷⁵: - QGIS_PROJECT_FILE / " (QGIS project file): " (read from DEFAULT_VALUE)

20:57:59 INFO Server¹⁸²⁷⁵: - MAX_CACHE_LAYERS / " (Specify the maximum number of cached layers): '100' (read from DEFAULT_VALUE)

20:57:59 INFO Server¹⁸²⁷⁵: - QGIS_SERVER_CACHE_DIRECTORY / '/cache/directory' (Specify the cache directory):
 '//.local/share/QGIS/QGIS3/profiles/default/cache' (read from DEFAULT_VALUE)

20:57:59 INFO Server¹⁸²⁷⁵: - QGIS_SERVER_CACHE_SIZE / '/cache/size' (Specify the cache size): '52428800' (read from DEFAULT_VALUE)

20:57:59 INFO Server¹⁸²⁷⁵: Ini file used to initialize settings: /.local/share/QGIS/QGIS3/profiles/default/QGIS/QGIS3.ini

20:57:59 INFO Server¹⁸²⁷⁵: cacheDirectory: /.local/share/QGIS/QGIS3/profiles/default/cache/

20:57:59 INFO Server¹⁸²⁷⁵: maximumCacheSize: 52428800

QGIS3/profiles/default/svg/

14:38:47 WARNING [5868]: Adding service SampleService 1.0

14:38:47 WARNING [5868]: Adding service WCS 1.0.0

14:38:47 WARNING [5868]: Adding service WFS 1.1.0

14:38:47 WARNING [5868]: Adding service WMS 1.3.0

14:38:47 WARNING [5868]: Adding service WMTS 1.0.0

14:38:47 INFO Server⁵⁸⁶⁸: Server initialized

14:38:47 INFO ../src/server/qgisserverplugins.cpp⁵⁸⁶⁸: load library /usr/lib/qgispython (3.4.0)

14:38:47 INFO ../src/server/qgsserverplugins.cpp⁵⁸⁶⁸: Python support library loaded successfully.
14:38:47 INFO Server⁵⁸⁶⁸: No server python plugins are available
14:38:47 INFO Server⁵⁸⁶⁸: ***** New request *****
14:38:47 INFO Server⁵⁸⁶⁸: REMOTE_ADDR: 127.0.0.1
14:38:47 INFO Server⁵⁸⁶⁸: HTTP_USER_AGENT: curl/7.58.0
14:38:47 INFO Server⁵⁸⁶⁸:
SERVICE=WMS&VERSION=1.3.0&REQUEST=GetCapabilities&map=/home/ubuntu/qgis/projects/qgis-server-tutorial-data/world.qgs
14:38:47 INFO Server⁵⁸⁶⁸: Using default configuration file path: /usr/lib/cgi-bin/admin.sld
14:38:47 WARNING [5868]: Service
WMS&VERSION=1.3.0&REQUEST=GetCapabilities&map=/home/ubuntu/qgis/projects/qgis-server-tutorial-data/world.qgs is not registered
14:38:47 INFO Server⁵⁸⁶⁸: Request finished in 11 ms

#14 - 2018-11-03 09:52 PM - Umberto Minora

Sorry, everything was ok with my config and QGIS SERVER.

Thanks to gis.stackoverflow comment to my question

<https://gis.stackexchange.com/questions/301305/qgis-server-3-service-service-unknown-or-unsupported?noredirect=1#comment485177_301305>

, I found out the problem was in the way I created my URL request and CURL.

Instead of doing curl

http://qgis.demo/cgi-bin/qgis_mapserv.fcgi?SERVICE=WMS%26VERSION=1.3.0%26REQUEST=GetCapabilities%26map=/home/ubuntu/qgis/projects/est_qgis/milano_test.qgs

I had to do curl

"http://qgis.demo/cgi-bin/qgis_mapserv.fcgi?SERVICE=WMS&VERSION=1.3.0&REQUEST=GetCapabilities&map=/home/ubuntu/qgis/projects/test_qgis/milano_test.qgs"

no 26 instead of x%x, and the entire URL within double quotes.