



HeidiSQL is good and for someone simply irreplaceable tool for working with databases MySQL. This GUI has everything you need to work with the MySQL database. But **HeidiSQL**

H

missing important functionality is the connection through the **HTTP tunnel**

HeidiSQL is an easy-to-use interface and a "working-horse" for web-developers using the popular MySQL-Database. It allows you to manage and browse your databases and tables from an intuitive Windows® interface.

When you can't connect to the MySQL server directly, for example a firewall blocks the access from all network protocols, except HTTP protocol, you can use HTTP tunneling.

In this article I'll show you how to connect to remote MySQL server using **HeidiSQL via HTTP Tunnel**

As mentioned earlier **HeidiSQL** not support connection via Http tunnel, so I used **HTTPtunnel** GNU package for the organization

HTTP tunnel

with web server where the

MySQL

server.

1. Install HTTP Tunnel GUI server and the PHP script.

Download [phpserver.zip](#) and upload this file on the your hosting, then extract **phpserver.zip**.

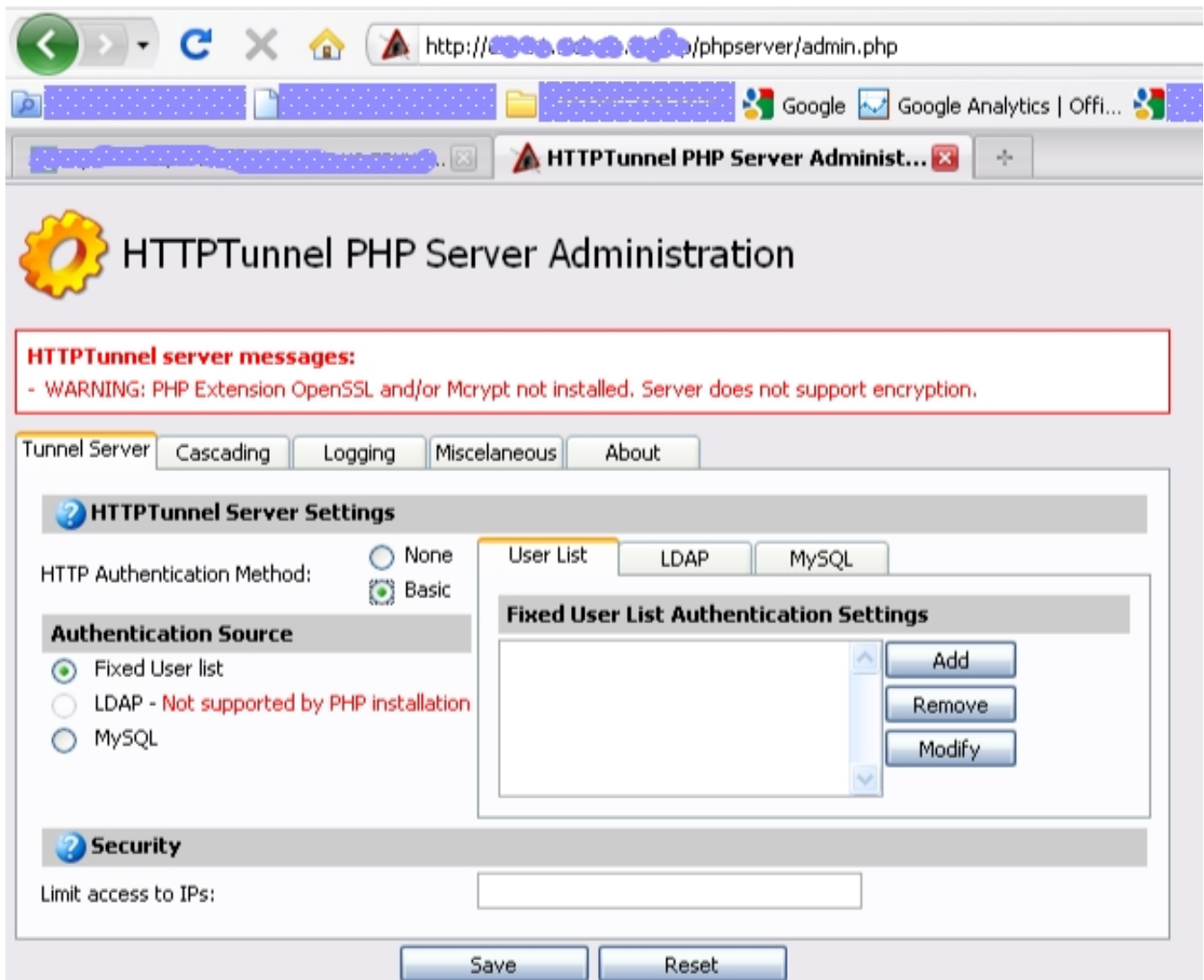
The result:

phpserver

folder on your hosting.

To verify you can open HTTP Tunnel control panel by typing in the browser URL:

http://your_domain.com/phpserver/admin.php



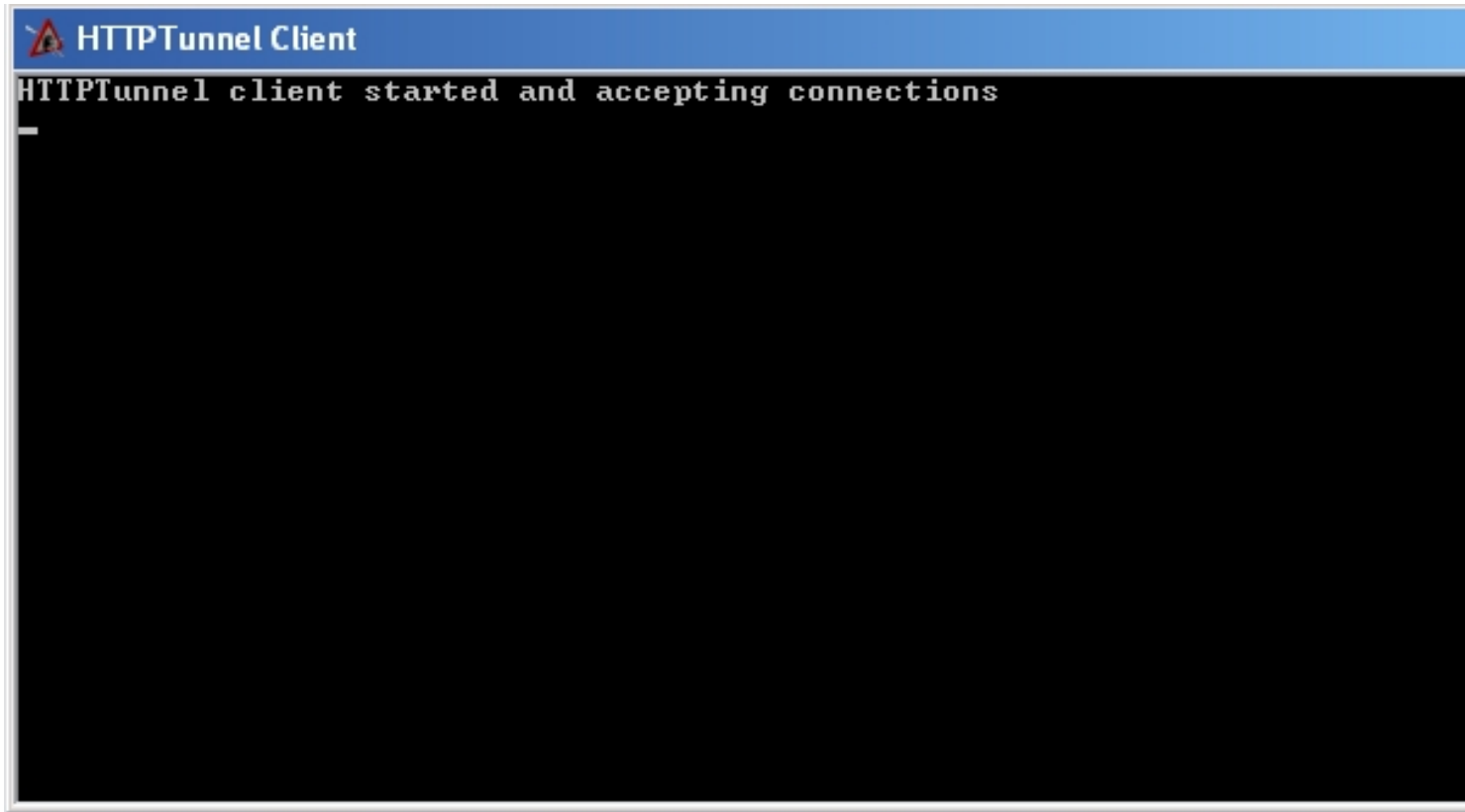
2. Install HTTP Tunnel Client. Just run and install file package: [HTTP Tunnel 1.2.exe](#)



- Start it c:Program FilesHTTP Tunnelclienthttp tunnel_client.exe or click Start -> All

ProgrammsHTTPTunnel

HTTPTunnel Client



- Open your Client control panel `_http://localhost:1079/` and tune configure portmapping.
Add example:

//

3000 -> 127.0.0.1: 3306

usually `your_remote_mysql_server = localhost(127.0.0.1)` because MySQL server is located on the same server where the Web site.

HTTP Tunnel Client Administration

Tunnel Client Tunnel Server Logging Advanced Status About

Portmapping Proxy

3000 -> 127.0.0.1:3306 (mysql server)

Add Remove Modify

SOCKS Proxy

Enable SOCKS (v4 and v5) Proxy

SOCKS proxy listen port: 1080

Listen on interface:

Authentication

No authentication

Fixed User list

LDAP - Module not installed

MySQL - Module not installed

DNS Name Resolution

On Tunnel Server On Tunnel Client First Client then Server

Security

Limit access to IPs:

Save Reset

Modify Portmapping - Mozilla Firefox

Map port: 3000 local port

on interface: (leave blank for all)

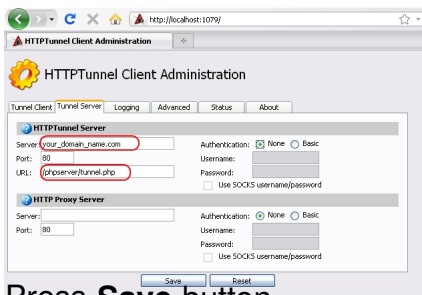
to port: 3306 port of remote MySQL

on server: 127.0.0.1 remote MySQL server

Description: mysql server

OK Cancel

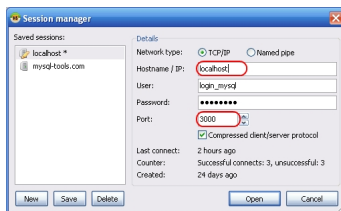
Therefore, any database connections that port 3306 will be redirected through HTTP Tunnel on port 3000. Your database can pay easily MySQL script server side of the tunnel.



Press **Save** button.

3. Configuring connections HeidiSQL.

Now to connect to remote **MySQL** server using **HeidiSQL** specify localhost: 3000. Other settings you should be aware of.



{/comments on}