

How to Use Bpsocks Authenticated Socks 5 Proxy with Advanced Email Verifier

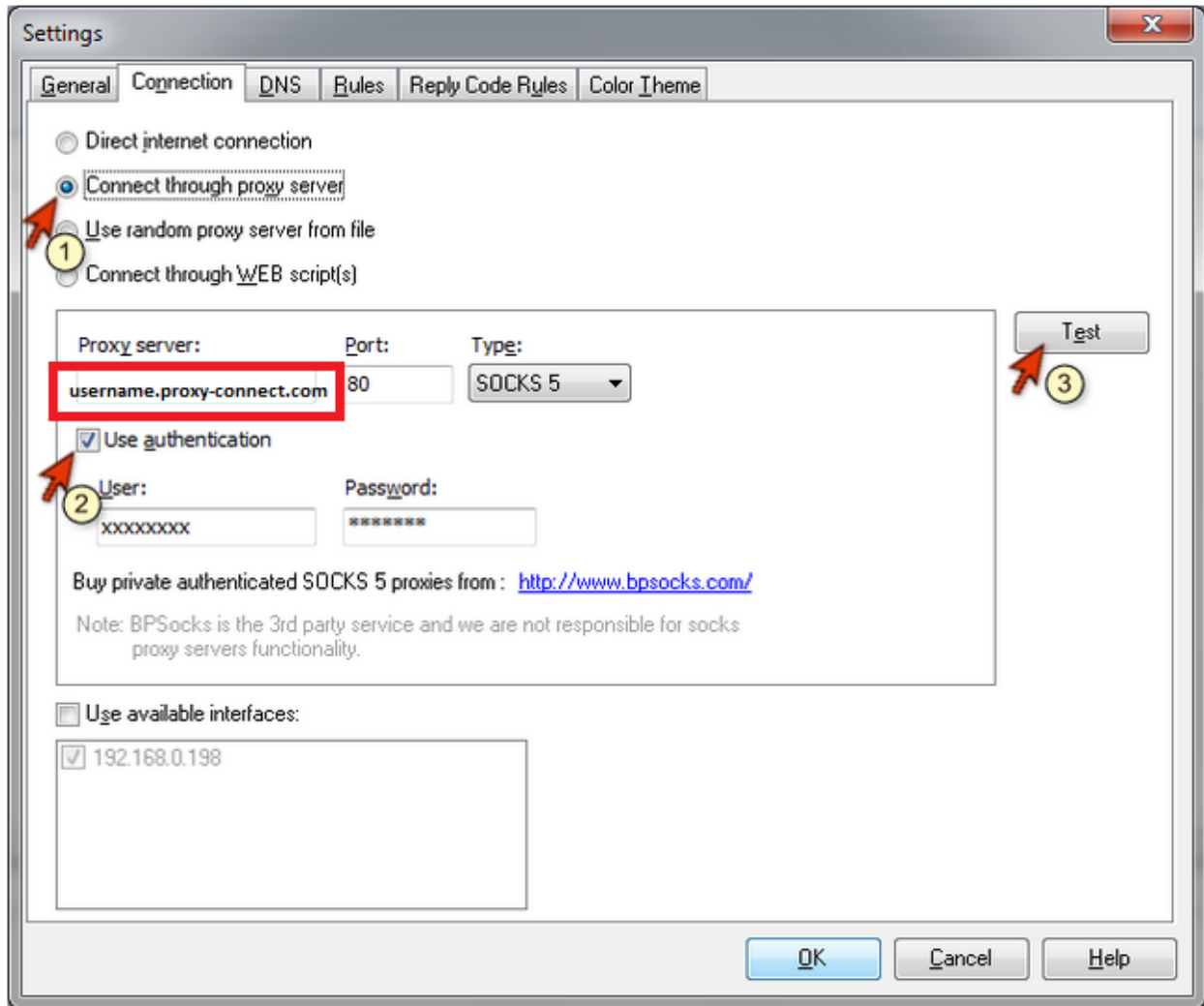
BPSocks **automatically configures Forward-Confirmed reverse DNS** for your socks proxy server IP address. It's important for the verification of email addresses from *yahoo.co*, *aol.com, *hotmail.com, *live.com and some other domains. These mail servers do a FCrDNS lookup of the IP address the connection is coming from. If FCrDNS test fails, the IP address goes to a blacklist with those ISP. You can check if the reverse DNS for your IP address is forward confirmed [here](#).

After you get a socks proxy server, go to the Advanced Email Verifier settings, click on the **Connections** tab and check the "**Connect through proxy server**" option.

- Enter your private socks proxy server domain name and the port number.
Note: Do not enter the Socks 5 Proxy IP. Use the proxy IP domain name instead. The Socks proxy domain name will be: *username.proxy-connect.com*
Replace "username" with your member username at bpsocks.com
- Select the socks proxy type.
- Check the "**Use Authentication**" option and enter your username and password for the socks proxy server.
- Click "**Test**".

If the test passes, click OK to save the settings.

Now upload your email list and click "**Start**" to verify email addresses.



If you get several socks proxy servers, you can save them to a file and check the **"Use random proxy server from file"** option in the Advanced Email Verifier Settings. The program will take socks proxy servers in a random order from the file and the speed of verification process will increase. Example of the file format:

```
domain1.com:PORT: USER PASS
domain2.net:PORT: USER2 PASS2
domain3.org:PORT
```

How to Get the Most Accurate Results Using Socks Proxy Servers

Often mail servers do a lookup if the IP address the connection is coming from is associated with the domain name. If the lookup fails, the connection is rejected. That's why we recommend that you enter the domain name of the IP address you will verify the emails from into the "**Domain name for HELO**" field in the Advanced Email Verifier settings (DNS). If you use the direct internet connection mode, it is the domain name of your computer where you use the Advanced Email Verifier. If you use the web script, it is the domain name of the site you uploaded the script to.

But what about socks proxy servers?

When you use a single socks proxy server or multiple socks proxy servers from a file in the Advanced Email Verifier, leave the "Domain name for HELO" field empty and type the socks proxy server domain (NOT IP address) into the "Proxy Server" field or in the file.

In this case the Advanced Email Verifier will use the socks proxy server domain for HELO. This will help you minimize the number of rejected connections from the recipients' mail servers.

To get the domain name of the Socks 5 proxy IP assigned to you by bpsocks.com, please check the welcome email that you received after you purchased the service. You will see the Socks 5 proxy IP and the domain name in the email.

Alternatively, you can also get the domain name of your Socks 5 proxy by going to www.debouncer.com and then perform a reverse DNS check.

Paste the socks proxy server IP address and click "Check".

Copy the domain name the IP address is resolved to and paste it into the "Proxy Server" field in the Advanced Email Verifier settings, or into the file with socks proxy servers.

This test also shows you if the rDNS for the socks proxy server is forward confirmed or not. If rDNS is forward confirmed, you can use the socks proxy server to verify email addresses from the *yahoo.co*, *aol.com, *hotmail.com, and *live.com domains without the risk of being blocked by those ISP.

Reverse DNS test

Computer networks use the DNS to determine the IP address associated with a domain name. This process is also known as forward DNS resolution. Reverse DNS lookup is the inverse process of this, the resolution of an IP address to its designated domain name.

While receiving an email message, a mail server may try to attempt reverse DNS lookup. If the lookup fails (no PTR record), the message may be marked as spam or rejected.

AOL reverse DNS requirements

To reduce spam rate AOL rejects email originated from servers that do not comply to requirements described [here](#). To ensure your email delivery to AOL and many other recipients our proactive blacklist monitoring service performs **FCrDNS test** and **dynamic IP address test**.

Check reverse DNS

IP address or host name:

FCrDNS test result:

178.238.130.114 resolved to glocktest.bpsocks.com

glocktest.bpsocks.com resolved to 178.238.130.114;

rDNS if forward confirmed.

Dynamic IP test result:

glocktest.bpsocks.com not looks like dynamic IP address.

 **Socks 5 Proxy Domain Name**

Culled from: <http://www.glocksoft.com/how-to-verify-email-addresses-when-isp-blocks-port-25/>

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