Add a second IP address to an existing network adapter on Windows

Last updated: Wed, 12 Sep 2018 17:33:50 GMT

If you run EZproxy on a Windows system that already has a web server and you want to use EZproxy on port 80, you will need to assign an additional DNS name and IP address to the server.

Start by requesting the new DNS name and IP address from your network administrator. The IP address you request must be in the same subnet as the existing IP address on your server.

If you use proxy by hostname, be sure to request the creation of the wildcard entry to point to the same address. With proxy by hostname, you should also verify that the DNS entries with the Check DNS test.

In this note, the DNS name ezproxy.yourlib.org and the IP address 68.14.229.198 demonstrate where the DNS name and IP address should appear, and where you should insert your values instead.

These are the steps to add the second IP address to your existing network adapter.

1. Use the Start menu to open Control Panel.
2. On Windows XP, you may need to open Network and Internet Connections.
3. Open Network (and Dial-up) Connections.
4. Open your network adapter.
5. Click Properties.
6. Click Internet Protocol (TCP/IP) then click Properties.
7. Click Advanced.
8. On the IP Settings tab, click Add...
9. Type in the new IP address then click Add.
10. Click OK to close the Advanced TCP/IP settings window.
11. Click OK to close the Internet Protocol (TCP/IP) Properties window.
12. Click OK to close your network adapter properties window.

To tell EZproxy to use this name and address, edit config.txt and add lines similar to:

```
Name ezproxy.yourlib.org
Interface 68.14.229.198
```

These lines should appear before any LoginPort, LoginPortSSL, or Title lines.

Note: EZproxy is no longer supported on a server also running IIS.