

Testing your Server

Once you have setup your server on Digital Ocean, and configured the nginx web server, you will want to test it to be sure it is working properly. Here are a few tips:

Use a browser

You should be able to use a browser, type the IP address of your server into the URL bar, and visit it:



Welcome to nginx!

If you see this page, the nginx web server is successful and working. Further configuration is required.

For online documentation and support please refer to [nginx.org](#).
Commercial support is available at nginx.com.

Thank you for using nginx.

netstat

You can use the netstat program to show what programs are running on your server. Use the command:

```
sudo netstat -nlp
```

and you should see a listing like this: 

You should see a line indicating that nginx is running (listed on the right side) and listening for incoming connections on port 80 (0.0.0.0:80). Notice that in the screenshot it is also listening on port 443, for secure connections. We will show you how to set this up later.

ufw

If nginx is running and listening on port 80, yet you cannot contact it in your browser, you may not have setup the firewall on your server properly. Run this command to list the current status of the firewall:

```
sudo ufw status
```


















You should see a line that says

```
Nginx HTTP ALLOW Anywhere
```

This indicates that the firewall is configured so that the nginx web server is allowed to accept incoming connections. If this is not shown then use the command:

```
sudo ufw allow 'Nginx HTTP'
```

Check the status of the firewall again to be sure it is enabled.

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