

# 502 on login with nginx

56 admin October 1, 2024 [Common Errors & Troubleshooting](#) 9154

## ERROR: 502 bad gateway error

**Overview:** This article describes steps to resolve a 502 Bad Gateway error in nginx by adjusting buffer sizes in nginx.conf and restarting the nginx service.

If you're encountering a 502 Bad Gateway error on Ubuntu and need to adjust nginx settings, follow these steps:

### Step 1: Edit nginx.conf:

Open the nginx main configuration file with a text editor. Add the following in nginx.conf:

```
root@gateway:~# nano /etc/nginx/nginx.conf

proxy_buffer_size 128k;

proxy_buffers 4 256k;

proxy_busy_buffers_size 256k;
```

### Step 2: Edit the ".php\$" section in nginx.conf:

Locate the **.php\$** section within **nginx.conf**. This section typically handles PHP requests. Add the following configuration directives to the ".php\$" location block.

```
fastcgi_buffer_size 128k;
fastcgi_buffers 4 256k;
fastcgi_busy_buffers_size 256k;
```

### Step 3: Restart nginx:

After saving the changes, restart nginx to apply the configuration

```
root@gateway:~# systemctl restart nginx
```

These steps ensure that you've properly adjusted the buffer sizes in nginx.conf and restarted nginx to

resolve the 502 Bad Gateway error.

Adjust paths ( /etc/nginx/nginx.conf) according to your actual nginx configuration file location if it differs.

Feel free to take the help of [support](#) if you encounter any issues or need further assistance!

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### **Related Articles:**

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[404 error on login with nginx](#)

[Self-signed SSL for nginx in Debian](#)

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