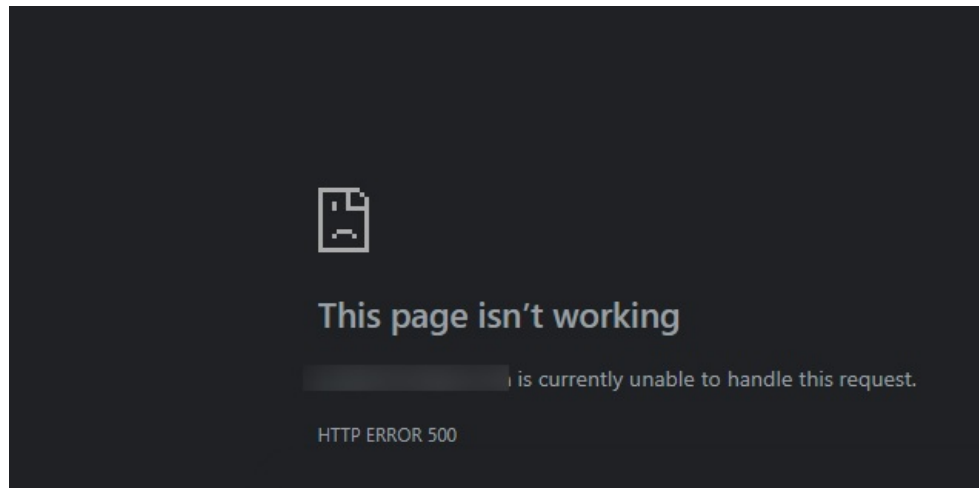


# Error during file download

## How to solve http 500 error during file upload?

**Overview:** This article explains how to resolve an HTTP 500 error that occurs during [file download](#) by increasing the values of `max_execution_time`, `memory_limit`, `post_max_size`, and `upload_max_filesize` in the PHP configuration (`php.ini` file).



To resolve the above error, increase the values for `max_execution_time`, `memory_limit`, `post_max_size`, and `upload_max_filesize` in the `php.ini` file. Refer to the steps below.

**Step 1:** Run the following command to verify the current settings in the `php.ini` file. Replace 8.2 with the PHP version installed on your system.

```
root@gateway :~# grep -v '^#s*#' /etc/php/8.2/apache2/php.ini | grep -i ---> (change into corresponding PHP version) 'max_execution_time|post_max_size|upload_max_filesize|memory_limit|max_input_time'
max_input_time
max_execution_time = 30
max_input_time = 60
memory_limit = 128M
post_max_size = 8M
upload_max_filesize = 2M
```

### For the PHP CLI configuration:

```
root@gateway :~# grep -v '^#s*#' /etc/php/8.2/cli/php.ini | grep -i
'max_execution_time|post_max_size|upload_max_filesize|memory_limit|max_input_time'
max_input_time
max_execution_time = 30
max_input_time = 60
memory_limit = -1
post_max_size = 8M
upload_max_filesize = 2M
```

**Step 2:** Open the `php.ini` files using a text editor and update the values as needed. Update the following directives to higher values, for example:

```
root@gateway :~# vim /etc/php/8.2/apache2/php.ini ---> (change into corresponding PHP version)
```

```
max_execution_time = 300
max_input_time = 600
memory_limit = 1G
post_max_size = 1G
upload_max_filesize = 1G
```

**For the PHP CLI configuration:**

```
root@gateway :~# vim /etc/php/8.2/cli/php.ini
```

```
max_execution_time = 300
max_input_time = 600
memory_limit = 1G
post_max_size = 1G
upload_max_filesize = 1G
```

**Step 3:** After making the changes, restart the Apache web service to apply the new configuration.

```
root@gateway :~# systemctl restart apache2
```

**Step 4:** Run the following command again to confirm the updated values:

```
root@gateway :~# grep -v '^s*#' /etc/php/8.2/apache2/php.ini | grep -i
'max_execution_time\|post_max_size\|upload_max_filesize\|memory_limit\|max_input_time'
```

```
max_input_time = 600
max_execution_time = 300
memory_limit = 1G
post_max_size = 1G
upload_max_filesize = 1G
```

**For the PHP CLI configuration:**

```
root@gateway :~# grep -v '^s*#' /etc/php/8.2/cli/php.ini | grep -i
'max_execution_time\|post_max_size\|upload_max_filesize\|memory_limit\|max_input_time'
```

```
max_input_time = 600
max_execution_time = 300
memory_limit = 1G
post_max_size = 1G
upload_max_filesize = 1G
```

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[Transfer file from desktop machine to remote server](#)

[Increase script execution time in Ubuntu and CentOS](#)

[Internal server error](#)