

## Fix Apache [error] [client xx.xxx.xxx.xx] PHP Warning: Unknown: Input variables exceeded 1000. To increase the limit change max\_input\_vars in php.ini. in Unknown on line 0

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I have a busy Linux server with 24 cores each running on .4 Ghz. Server is configured to server Apache and MySQL queries and a dozen of high traffic websites are hosted on it. Until just recently server worked fine and since about few days I started getting SMS notifications that server is inaccessible few times a day. To check what's wrong I checked in `/var/log/apache2/error.log` and there I found following error:

**[error] [client 95.107.233.2] PHP Warning: Unknown: Input variables exceeded 1000.**

To increase the limit change `max_input_vars` in `php.ini`. in Unknown on line 0 referer: <http://www.site-domain-name.com/predict/2013-08-10>

Before I check Apache **error.log**, I had a guess that *ServerLimit* of 256 (spawned servers max) is reached so solution would be raise of **ServerLimit** to more than **MaxClients** setting defined in `/etc/apache2/apache2.conf`. After checking `/var/log/apache2/error.log` I've realized problem is because the many websites hosted on server exceed maximum defined variables possible to assign by *libphp* in **php.ini**. maximum possible defined variables before PHP stops servering is set through **max\_input\_vars** variable

As I'm running a *Debian Squeeze Linux server*, here is what is set as default for `max_input_vars` in `/etc/php5/apache2/php.ini`:

```
; How many GET/POST/COOKIE input variables may be accepted
; max_input_vars = 1000
```

So to fix it in **php.ini** just raised a bit setting to 1500, i.e.:

```
max_input_vars = 1500
```

Though I hit the error on Debian I assume same error occurs on *Redhat RPM based (Fedora, CentOS, RHEL Linux) servers*.  
Hence I assume

```
max_input_vars = 1500
```

or higher should fix on those servers too. Looking forward to hear if same error is hit on RedHats.

Enjoy :)