

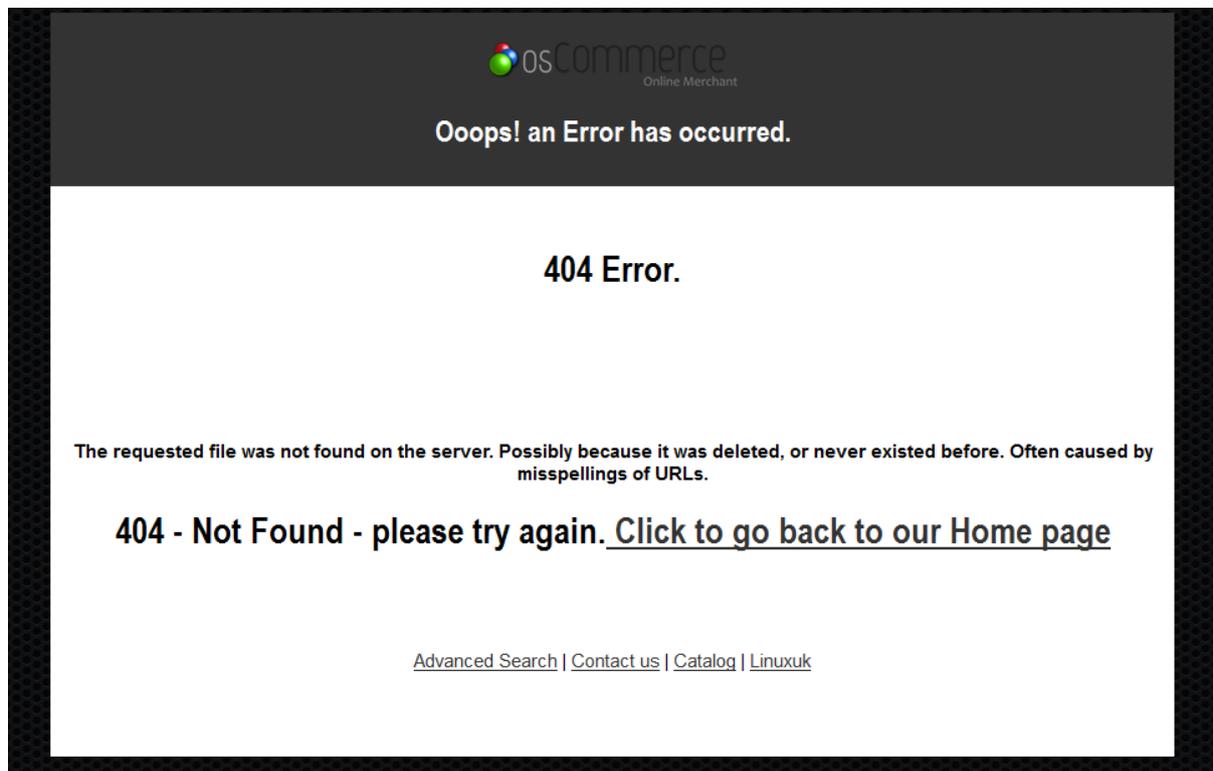


HTTP Error Management system User Guide.

Please make sure you read this fully before asking your question!

The system is able to be used as an information gathering tool to assist you in finding out where any errors are on your site in relation to the HTTP errors, and example of this would be a dead link where someone clicks and gets a 404 error, or missing images. That's some of the innocent ones, the more malicious will be searching the site for weaknesses – you would not normally see these errors unless you went searching for them, now you have the opportunity to view and action all of the HTTP errors you are presented with via this add on.

In its fundamental form it presents to the user a formatted error page when something goes wrong, giving that user a bit of information on the error, and escape links to help them move on.



If you select to ban a habitual user then once they reach the set number of entries they will be banned from your site completely, this includes you. (**read below about rescue me**)

In the admin you have a set of tools, and a method of being able to view the errors, also who has been banned. Here you can set a number of actions, Ban, Unban, Delete, query the IP number via the project Honey pot site, there is also a link to the W3 schools site on HTTP errors to help you absorb what they actually mean.



Linuxuk HTTP Error Admin Maintenance.

There may not be any entry in the referrers column, this is perfectly OK, it just means the error was a direct entry.

Date	URL Requested	referrer	IP Numil	User Agen	HTTP Error	Status	Un-Ban IP	Delete
06/24/2013 10:03:	/sitemaps.xml		66.249.65.107	msnbot/2.0b (+http://search.msn.com/msnbot.htm)	404	-	-	delete
06/23/2013 11:21:	/sitemaps.xml		66.249.65.107	msnbot/2.0b (+http://search.msn.com/msnbot.htm)	404	-	-	delete
06/23/2013 01:39:	/images/table_background_password_forgotten.gif		66.249.76.109	Googlebot-Image/1.0	404	-	-	delete
06/24/2013 09:04:	/images/facebook.jpeg		66.249.76.109	Googlebot-Image/1.0	404	-	-	delete
06/23/2013 09:27:	/images/bmark.png		66.249.76.109	Googlebot-Image/1.0	404	-	-	delete
06/23/2013 09:32:	/cnfncsaexrll.html		66.249.76.71	Mozilla/5.0 (compatible; Googlebot/2.1; +http://www.google.com/bot.html)	404	-	-	delete
06/21/2013 10:07:	/phppath/php		89.248.175.105		404	Banned	Un-Ban	delete
06/22/2013 07:25:	/phppath/php		217.149.174.206		404	Banned	Un-Ban	delete
06/23/2013 07:37:	/phppath/php		66.249.76.102		404	Banned	Un-Ban	delete
06/23/2013 01:12:	/phppath/php		193.233.104.96		403	Banned	Un-Ban	delete
06/23/2013 03:56:	/manager/html		196.187.46.209		404	Banned	Un-Ban	delete
06/22/2013 01:48:	/manager/html		196.187.46.209	Mozilla/5.0 (Windows NT 5.1; rv:5.0) Gecko/20100101 Firefox/5.0	404	Banned	Un-Ban	delete
06/24/2013 02:05:	/manager/html		66.249.187.206	Mozilla/5.0 (Windows NT 6.1; WOW64; rv:21.0) Gecko/20100101 Firefox/21.0	404	Ban	-	delete

Displaying 1 to 13 (of 13 HTTP Errors) Page 1 of 1

- 1 Date and time Error recorded.
- 2 The URL that was request that caused the Error
- 3 Any referring URL (where the user came from)
- 4 The users IP Number, linked to the Project Honeypot web site so you can investigate.
- 5 The user agent belonging to the user, Google, Yahoo, Bing, and MSN will be highlighted Red.
- 6 The Error produced, linked to the W3 Schools HTTP Explanation page.
- 7 Straus, either a dash (no action available), Ban button (Ban the IP), Banned image (IP is banned)
- 8 Un Ban IP if the IP us banned you have the option to un ban it here.
- 9 Delete the record (this will delete all records for the IP) you can set it to also unban from the IP Trap if it has been banned.

I would strongly suggest that you only use this as an information gathering tool to begin with, until you sort out repetitive 404 errors you are very likely to ban a real customer, so upon installation the system is set to only gather information and ban no one, then once you have any errors solved you will be confident you will be only banning the right people.



There are, in addition a set of configuration controls which give you the ability to control what the Management system does.

Linuxuk http and IP Trap

Title	Value
Un-ban as you delete?	True
Your Rescue Query string	123
IP Trap excessive HTTP Errors?	False
HTTP Errors you want to exclude any ban	400,401,405,408,415,416,417,500,501,502,503,504,505
Amount of Errors from the same IP number before banning it	3
Amount of Days to Auto Delete HTTP Errors and IP Trapped IP Numbers?	4
Record 400 Errors?	True
Record 401 Errors?	True
Record 404 Errors?	True
Record 403 Errors?	True
Record 405 Errors?	True
Record 408 Errors?	True
Record 415 Errors?	True
Record 416 Errors?	True
Record 417 Errors?	True
Record 500 Errors?	True
Record 501 Errors?	True
Record 502 Errors?	True
Record 503 Errors?	True
Record 504 Errors?	True
Record 505 Errors?	True
Record 505 Errors?	True

Un-ban as you delete?

This determines that when you delete an IP number from the HTTP Error page, it will also un ban it from the IP trap at the same time,

True = Delete IP from IP Trap

False = Leave in the IP trap

Your Rescue Query string

If you are going to try it out, then you are also probably (depending on the settings you choose) going to get banned, this means that **you** cannot then access your site. The purpose of the query string is to gain you access, it will do this by deleting your IP number from the IP Trap and HTTP Error database's.

Edit this setting and add your own memorable data, don't make it too hard something quite easy will suffice, if you add characters like (/ > ^ etc, it might get cleaned by other security add ons.

To use it once you have set your string you need to type in a little query at the end of your URL, the query is

?rescue=YOUR_STRING.

So let's say your web site is called

<http://www.yourwebiste.com>

and you have set your string to be "buster", your rescue URL will look like

<http://www.yourwebsite.com/?rescue=buster>



IP Trap Excessive HTTP Errors?

Default = False (off)

This setting if set to true will start to ban users once they reach the number of occasions you set. Once this is reached they will be banned, you get an email to alert you to this so you can investigate.

HTTP errors you want to exclude from any ban

Default = 400,401,405,408,415,416,417,500,501,502,503,504,505

This setting control which of the Errors you want to be part of the banning system, you would not want to ban 500 errors, the only 2 you really need to consider are 403, and 404 – maybe 401 also, so this works with a bit of code that prevents any of the set errors from being banned, the error.php page will be presented only.

When entering these you must separate each with a comma

Amount of Errors from the same IP Number before banning it?

Default = 3

This set the parameters for the setting above, the higher the number the more time a user needs to make an error before they are banned.

Amount of days to Auto delete IP numbers from IP Trap and HTTP tables?

Default = 4

The amount in whole days that the IP numbers will remain in either the IP Trap, or the HTTP error tables, the reason for this setting is that many (most) malicious users will not use their own IP number so a perfectly innocent IP number is banned potentially a customer!

The rest of the setting are Yes / No replies, do you want to record the errors,

Default = Yes

This system currently recognises Google, Yahoo, Bing, and MSN and will not ban them no matter how many times they cause an error.

If you want to add to this then you will need to open the file catalog / Error.php and on line 187 find

```
if (preg_match("/google|MSN|Yahoo|bing/i", $agent_esc))
```

add your new string after any of the existing ones, as an example if it is ASK, then it would look like

```
if (preg_match("/google|MSN|ASK|Yahoo|bing/i", $agent_esc))
```

It is not case sensitive.

In the admin side any of the above that are recorded will show up **RED** giving you visual signs of what you need to sort out. If you add to the above then you also need to alter the admin side, admin / Error.php line 134

```
<?php if (preg_match("/google|MSN|Yahoo|bing/i", $http['linuxuk_error_log_agent'])) { ?>
```

Add it as you did above, this will make your new entry also show up red.



Being notified

When IP Numbers get banned, it will trigger the script to send you an email informing you of the ban

User Banned for Excessive HTTP errors

[Add contact](#)

To:

HTTP error Alert

=====

A user has been banned from the site for excessive HTTP errors, this can be the result of someone probing your site, please go to your admin area and check out the HTTP error page

Users IP Number

Users user agent Mozilla/5.0 (Windows NT 6.1; WOW64) AppleWebKit/537.36 (KHTML, like Gecko)

Error Number 404