# Admin IP Lock

**Before you begin:**
All *blue* words are explained in more detail in the notes.
All red words are commands you need to do.
All green words are files you will be working with.
Please read the notes before you ask questions on the forums.  Many of your questions should be answered there.
You must know how to edit files and upload files.
You should also at least know what an IP address is.  If you don't http://www.whatis.com should help answer that question.

**What it does:**
It allows the site admin to lock out the admin areas by IP address(es).  This is done by taking the IP address that is received by the server and comparing again a hard coded IP address or subnet.

**Why do I need it:**
Basically if someone isn't on the same IP address or subnet you are then they cannot access the admin areas at all.  This makes your site much more secure against hackers.

**By default this is:**
Disabled.  The reason is that we do not know what your IP address might be, so we cannot turn it on.  You have to manually turn it on and set it up.  Also by having you hard code the settings it makes it much harder for hackers to bypass.

**How do I make it work:**
The first thing you need to know is if your IP address is *static* or *dynamic*.  Once you know this continue on to the page with the proper title for your setup.

# Static IP Address

Before you can begin you need to find your IP address.  If you know what it is then skip down to the <span style="color:red">open</span>.  To do this you can go to a website that will display your current IP address.  I would recommend http://www.whatismyip.com/ as that's all the site does.

<span style="color:red">Open</span> <span style="color:green">ips.php</span>

<span style="color:red">Find</span>:
//$ips = array('xxx.xxx.xxx.xxx');

Remove the // from the beginning
Replace the xxx.xxx.xxx.xxx with your IP address

Here is an example:
$ips = array('192.168.13.22');

<span style="color:red">Save</span>, <span style="color:red">Close</span> (and <span style="color:red">Upload</span>)

# Dynamic IP Address

Before you can begin you need to find your IP range.  To do this first go to a website that will display your current IP address.  I would recommend http://www.whatismyip.com/ as that's all the site does.

Next you need to go to a page that will tell you what IP range is.  I would recommend http://www.dnsstuff.com/ .  Enter your IP address into the "WHOIS Lookup" box and click the whois button.  You should now see an information screen about your ISP.  What you are looking for is your range.  It should look something like 192.168.22.0 – 192.168.22.254.  In this example the range you are going to put into the following lines of code would be 192.168.22 because only the last *octet* is different.

If you have a range that is bigger than the last *octet* then you can use more than one range.  See the Notes for more information.

If your range is really large, for example 192.168.22.0 – 192.168.254.254 you can use the range 192.168 in the lookup.

Open ips.php

Find:
//$ips = array('xxx.xxx.xxx.xxx');

Remove the // from the beginning
Replace the xxx.xxx.xxx.xxx with your IP range

Here is an example:
$ips = array('192.168.13');

Save and Close

# <u>Notes</u>

*Static*:
Is an IP address that is given to your computer by your ISP that does not change every time you connect to the Internet.  Most ISP charge an extra fee for this service and they generally tell you in your agreement which you will receive.  If you do not know if your IP is static or dynamic then you should contact your ISP and ask them.

*Dynamic*:
Is and IP address that changes every time you connect to your ISP.  This is the most common type of IP address.  If you do not know if your IP is static or dynamic then you should contact your ISP and ask them.

*Octet*:
Is a single set of number, separated by a period in an IP address.  In the example 192.168.22.1 the octets are 192, 168, 22, and 1.

**What if I want to have more than 1 IP address?**
Find:
$ips = array('xxx.xxx.xxx.xxx');

After the second ' add , 'xxx.xxx.xxx.xxx' replacing xxx.xxx.xxx.xxx with the second IP address, and so on, until you have entered all the IP addresses you wish to use.

Here is an example with 4 IP addresses:
$ips = array('192.168.22.1', '192.168.22.2', '192.168.22.1', '192.168.22.1');


**What if I want to have more than 1 range?**
Find:
$ips = array('xxx.xxx.xxx.xxx');

After the second ' add , 'xxx.xxx.xxx.xxx' replacing xxx.xxx.xxx.xxx with the second range, and so on until you have entered all the IP ranges you wish to use.

Here is an example with 4 IP ranges:
$ips = array('192.168.22', '192.168.23', '207.18.2.', '10.100.4');

*What if I want to mix the two types together?*
Then simply add all them into the $ips like mentioned above.

*Change I change the ips.php file name to something else to be more secure?*
Yes simply rename it then

Open admin.php, includes/functions_evo.php, modules/Your_Account/admin.php, &
modules/Forums/admin/pagestart.php

Find:
ips.php

Change ips.php to you new file name

Here is an example:
include('my_secure_ips.php');


Save, Close (and Upload)

# <u>Errors</u>

The following are common errors and there most likely cause.

**Parse error**: parse error, unexpected T_DNUMBER, expecting ')'
- You do not have the IP inside of '' in the $ips = array line