

```

<IfModule mod_rewrite.c>
    RewriteEngine On
    RewriteBase /

    ##### Redirect non www to www #####
    RewriteCond %{HTTP_HOST} ^paobasketball.co.uk [NC]
    RewriteRule ^(.*)$ http://www.paobasketball.co.uk/$1 [L,R=301]

    # RewriteCond %{HTTP_HOST} ^paobasketball\.com$ [OR]
    # RewriteCond %{HTTP_HOST} ^www\.paobasketball\.com$
    # RewriteRule (.*)$ http://www.paobasketball.co.uk/$1 [R=301,L]

    # Remove trailing slash
    RewriteRule ^(.*)/$ $1 [R=301,L]

    ##### Prevent hotlinking #####
    # RewriteCond %{HTTP_REFERER} !^$
    # RewriteCond %{HTTP_REFERER} !^http://(www.)?paobasketball.co.uk/.*$ [NC]
    # RewriteRule .(gif|jpg|swf|flv|png)$ / [R=302,L]

    ##### Force https for certain pages #####
    # RewriteCond %{REQUEST_METHOD} !^POST$
    # RewriteCond %{HTTPS} !=on
    # RewriteCond %{HTTP_HOST} paobasketball.co.uk [NC]
    # RewriteCond %{REQUEST_URI} map
    # RewriteRule ^(.*)$ https://www.paobasketball.co.uk/$1 [L,R=301]

    ErrorDocument 400 /400.html
    ErrorDocument 401 /401.html
    ErrorDocument 403 /403.html
    ErrorDocument 404 /404.html
    ErrorDocument 500 /500.html

    ##### Security restrictions #####
    # proc/self/environ? no way!
    RewriteCond %{QUERY_STRING} proc/self/environ [OR]
    # Block out any script trying to set a mosConfig value through the URL
    RewriteCond %{QUERY_STRING} mosConfig_[a-zA-Z_]{1,21}(=|\%3D) [OR]
    # Block out any script trying to base64_encode crap to send via URL
    RewriteCond %{QUERY_STRING} base64_encode.*(.*?) [OR]
    # Block out any script that includes a completely bogus URI

```

```
# block out any script that includes a <script> tag in URL
RewriteCond %{QUERY_STRING} (<| %3C). *script. *(>| %3E) [NC,OR]
# Block out any script trying to set a PHP GLOBALS variable via URL
RewriteCond %{QUERY_STRING} GLOBALS(=| [ ] \| %[\0-9A-Z]{0,2}) [OR]
# Block out any script trying to modify a _REQUEST variable via URL
RewriteCond %{QUERY_STRING} _REQUEST(=| [ ] \| %[\0-9A-Z]{0,2})
# Send all blocked request to homepage with 403 Forbidden error!
RewriteRule ^(.*)$ /403.html [QSA,L]
```

```
</IfModule>
```

```
#### Disable server signature
```

```
ServerSignature Off
```

```
#### disable directory browsing
```

```
#Options All -Indexes
```

```
#### Set the timezone
```

```
# SetEnv TZ Europe/London
```

```
# Set `UTF-8` as the character encoding for all resources served with  
# the media type of `text/html` or `text/plain`.
```

```
AddDefaultCharset utf-8
```

```
#### Sample Redirects
```

```
#### Redirect 301 http://www.domain.com/home http://www.domain.com/
```

```
#### Always download attachments
```

```
AddType application/octet-stream .pdf
```

```
AddType application/octet-stream .zip
```

```
#### Always treat those extensions as file types
```

```
AddType application/xml xml
```

```
AddType text/xsl xsl
```

```
# Allow the user to see the pdf in the browser
```

```
# <Files *.pdf>
```

```
# ForceType application/pdf
```

```
# Header set Content-Disposition inline
```

```
# </Files>
```

```
..
```

```
# -----
# | Caching and performance |
# -----

#### Gzip Files ####
<ifModule mod_deflate.c>
  AddOutputFilterByType DEFLATE text/html text/xml text/css text/plain
  AddOutputFilterByType DEFLATE image/svg+xml application/xhtml+xml application/xml
  AddOutputFilterByType DEFLATE application/rdf+xml application/rss+xml application/atom+xml
  AddOutputFilterByType DEFLATE text/javascript application/javascript application/x-javascr
application/json
  AddOutputFilterByType DEFLATE application/x-font-ttf application/x-font-otf
  AddOutputFilterByType DEFLATE font/truetype font/opentype
  AddOutputFilterByType DEFLATE image/x-icon
</ifModule>

#### Cache-Control Headers ####
<ifModule mod_headers.c>
  #### HTTP ETag header ####
  FileETag None
  Header unset ETag

  <filesMatch "\.(ico|jpe?g|png|gif|swf)$">
    Header set Cache-Control "public"
    Header set Connection keep-alive
  </filesMatch>
  <filesMatch "\.(css)$">
    Header set Cache-Control "public"
    Header set Connection keep-alive
  </filesMatch>
  <filesMatch "\.(js)$">
    Header set Cache-Control "public"
    Header set Connection keep-alive
  </filesMatch>
  <filesMatch "\.(x?html?|php)$">
    Header set Cache-Control "public, must-revalidate"
    Header set Connection keep-alive
  </filesMatch>
</ifModule>

#### Expire Headers ####
```

```

<IfModule mod_expires.c>
    ExpiresActive on
    ExpiresDefault "access plus 1 month"

# CSS
    ExpiresByType text/css "access plus 1 year"

# Data interchange
    ExpiresByType application/atom+xml "access plus 1 hour"
    ExpiresByType application/rdf+xml "access plus 1 hour"
    ExpiresByType application/rss+xml "access plus 1 hour"

    ExpiresByType application/json "access plus 0 seconds"
    ExpiresByType application/ld+json "access plus 0 seconds"
    ExpiresByType application/schema+json "access plus 0 seconds"
    ExpiresByType application/vnd.geo+json "access plus 0 seconds"
    ExpiresByType application/xml "access plus 0 seconds"
    ExpiresByType text/xml "access plus 0 seconds"

# Favicon (cannot be renamed!) and cursor images
    ExpiresByType image/vnd.microsoft.icon "access plus 1 week"
    ExpiresByType image/x-icon "access plus 1 week"

# HTML
    ExpiresByType text/html "access plus 0 seconds"

# JavaScript
    ExpiresByType application/javascript "access plus 1 year"
    ExpiresByType application/x-javascript "access plus 1 year"
    ExpiresByType text/javascript "access plus 1 year"

# Manifest files
    ExpiresByType application/manifest+json "access plus 1 year"

    ExpiresByType application/x-web-app-manifest+json "access plus 0 seconds"
    ExpiresByType text/cache-manifest "access plus 0 seconds"

# Media files
    ExpiresByType audio/ogg "access plus 1 month"
    ExpiresByType image/bmp "access plus 1 month"
    ExpiresByType image/gif "access plus 1 month"

```

```

ExpiresByType image/jpeg "access plus 1 month"
ExpiresByType image/png "access plus 1 month"
ExpiresByType image/svg+xml "access plus 1 month"
ExpiresByType image/webp "access plus 1 month"
ExpiresByType video/mp4 "access plus 1 month"
ExpiresByType video/ogg "access plus 1 month"
ExpiresByType video/webm "access plus 1 month"

# Web fonts

# Embedded OpenType (EOT)
ExpiresByType application/vnd.ms-fontobject "access plus 1 month"
ExpiresByType font/eot "access plus 1 month"

# OpenType
ExpiresByType font/opentype "access plus 1 month"

# TrueType
ExpiresByType application/x-font-ttf "access plus 1 month"

# Web Open Font Format (WOFF) 1.0
ExpiresByType application/font-woff "access plus 1 month"
ExpiresByType application/x-font-woff "access plus 1 month"
ExpiresByType font/woff "access plus 1 month"

# Web Open Font Format (WOFF) 2.0
ExpiresByType application/font-woff2 "access plus 1 month"

# Other
ExpiresByType text/x-cross-domain-policy "access plus 1 week"
</IfModule>

# -----
# | Filename-based cache busting |
# -----

# If you're not using a build process to manage your filename version rewving,
# you might want to consider enabling the following directives to route all
# requests such as "/css/style.12345.css" to "/css/style.css".

# To understand why this is important and a better idea than *.css?v231, read:

```

```

# http://www.stevesouders.com/blog/2008/08/23/revving-filenames-dont-use-querystring/

# <IfModule mod_rewrite.c>
#     RewriteCond %{REQUEST_FILENAME} !-f
#     RewriteRule ^(.+)\.(\d+)\.(css|curl|gif|ico|jpe?g|js|png|svgz?|webp)$ $1.$3 [L]
# </IfModule>

# -----
# | Security and Extra Headers |
# -----

<ifModule mod_headers.c>

    # Set HTTPOnly Secure cookies
    Header always edit Set-Cookie (.*) "$1; HTTPOnly"
    Header always edit Set-Cookie (.*) "$1; Secure"

    ##### IE
    Header set X-UA-Compatible "IE=Edge,chrome=1"
    <FilesMatch "\.(appcache|crx|css|eot|gif|htc|ico|jpe?
gl|js|m4a|m4v|manifest|mp4|ogg|ogv|otf|pdf|png|safariextz|svg|svgz|ttf|vcl|webm|webp|
    Header unset X-UA-Compatible
    </FilesMatch>

    ##### P3P Header of IE issues with 3rd party cookies
    Header set P3P "policyref=\"/w3c/p3p.xml\", CP=\"IDC DSP COR ADM DEVI TAIi PSA PSD IVAi
OUR IND CNT\""

    ##### Security Hardening
    # Vivid Matter - Bulletproof Header Security
    # Don't allow pages to be framed externally - Defends against CSRF
    # `SAMEORIGIN` & `ALLOW-FROM`
    Header set X-FRAME-OPTIONS "SAMEORIGIN"
    <FilesMatch "\.(appcache|atom|crx|css|curl|eot|f4[abpv]|flv|geojson|gif|htc|ico|jpe?g|js|
|m4[av]|manifest|map|mp4|ogg|ogv|opus|otf|pdf|png|rdp|rss|safariextz|svgz?
|swf|topojson|ttf|txt|vcl|vtt|webapp|web[mp]|woff2?|xml|xpi)$">
        Header unset X-Frame-Options
    </FilesMatch>

    # Tell the browser to attempt the HTTPS version first
    #Header add Strict-Transport-Security "max-age=157680000"

```

```
# Turn on IE8-IE9 XSS prevention tools
#<IfModule mod_headers.c>
#   Header set X-XSS-Protection "1; mode=block"
#
#   <FilesMatch "\.(appcache|atom|crx|css|curl|eot|f4[abpw]|flv|geo.json|gif|htcl|icol|jpe:
/m4[av]|manifest|map|mp4|oex|og[agv]|opus|otf|pdf|png|rdf|rssl|safariextz|svgz?
/swf|topo.json|tt[cf]|txt|vcf|vtt|webapp|web[mp]|woff2?|xml|xpi)$">
#       Header unset X-XSS-Protection
#   </FilesMatch>
#</IfModule>

# Only allow JavaScript from the same domain to be run.
# Don't allow inline JavaScript to run.
#Header set X-Content-Security-Policy "allow 'self';"

# Prevent mime based attacks
Header set X-Content-Type-Options "nosniff"

Header unset link
Header unset Server
Header unset X-Pingback

# Disable server signature
Header set ServerSignature "Off"
Header set ServerTokens "Prod"

# Control Cross-Domain Policies
#Header set X-Permitted-Cross-Domain-Policies "master-only"

#### Set the content language header
Header set Content-Language en

#### Set the Creator
Header set Created-By "George Bardis - george@bardis.info"
</ifModule>

#### IE
<FilesMatch "\.(html|html|php)$">
  <IfModule mod_headers.c>
    BrowserMatch MSIE ie
```

```

        Header set X-UA-Compatible "IE=Edge,chrome=1" env=ie
    </IfModule>
</FilesMatch>

# -----
# | Content transformation |
# -----

# Prevent mobile network providers from modifying the website's content.
# http://www.w3.org/Protocols/rfc2616/rfc2616-sec14.html#sec14.9.5.

# <IfModule mod_headers.c>
#     Header merge Cache-Control "no-transform"
# </IfModule>

# -----
# | Cross-domain requests |
# -----

# Allow cross-origin requests.

# http://enable-cors.org/
# http://www.w3.org/TR/cors/
# https://code.google.com/p/html5security/wiki/CrossOriginRequestSecurity

# <IfModule mod_headers.c>
#     Header set Access-Control-Allow-Origin "*"
# </IfModule>

# -----

# By default allow cross-origin access to web fonts.
<IfModule mod_headers.c>
    <FilesMatch "\.(eot|otf|tt[cf]|woff2?)$">
        Header set Access-Control-Allow-Origin "*"
    </FilesMatch>
</IfModule>

# Send the CORS header for images when browsers request it.
<IfModule mod_setenvif.c>
    <IfModule mod_headers.c>

```



```
-----  
<FilesMatch "\.(curl|gif|ico|jpe?g|png|svgz?|webp)$">  
    SetEnvIf Origin ":" IS_CORS  
    Header set Access-Control-Allow-Origin "*" env=IS_CORS  
</FilesMatch>  
</IfModule>  
</IfModule>
```

```
# -----  
# | Spam bots blocking |  
# -----
```

```
<IfModule mod_rewrite.c>  
    RewriteCond %{HTTP_USER_AGENT} ^BlackWidow [OR]  
    RewriteCond %{HTTP_USER_AGENT} ^Bot\ mailto:craftbot@yahoo.com [OR]  
    RewriteCond %{HTTP_USER_AGENT} ^ChinaClaw [OR]  
    RewriteCond %{HTTP_USER_AGENT} ^Custo [OR]  
    RewriteCond %{HTTP_USER_AGENT} ^DISCo [OR]  
    RewriteCond %{HTTP_USER_AGENT} ^Download\ Demon [OR]  
    RewriteCond %{HTTP_USER_AGENT} ^eCatch [OR]  
    RewriteCond %{HTTP_USER_AGENT} ^EirGrabber [OR]  
    RewriteCond %{HTTP_USER_AGENT} ^EmailSiphon [OR]  
    RewriteCond %{HTTP_USER_AGENT} ^EmailWolf [OR]  
    RewriteCond %{HTTP_USER_AGENT} ^Express\ WebPictures [OR]  
    RewriteCond %{HTTP_USER_AGENT} ^ExtractorPro [OR]  
    RewriteCond %{HTTP_USER_AGENT} ^EyeNetIE [OR]  
    RewriteCond %{HTTP_USER_AGENT} ^FlashGet [OR]  
    RewriteCond %{HTTP_USER_AGENT} ^GetRight [OR]  
    RewriteCond %{HTTP_USER_AGENT} ^GetWeb! [OR]  
    RewriteCond %{HTTP_USER_AGENT} ^Go! Zilla [OR]  
    RewriteCond %{HTTP_USER_AGENT} ^Go-Ahead-Got-It [OR]  
    RewriteCond %{HTTP_USER_AGENT} ^GrabNet [OR]  
    RewriteCond %{HTTP_USER_AGENT} ^Grafula [OR]  
    RewriteCond %{HTTP_USER_AGENT} ^HMView [OR]  
    RewriteCond %{HTTP_USER_AGENT} HTTrack [NC,OR]  
    RewriteCond %{HTTP_USER_AGENT} ^Image\ Stripper [OR]  
    RewriteCond %{HTTP_USER_AGENT} ^Image\ Sucker [OR]  
    RewriteCond %{HTTP_USER_AGENT} Indy\ Library [NC,OR]  
    RewriteCond %{HTTP_USER_AGENT} ^InterGET [OR]  
    RewriteCond %{HTTP_USER_AGENT} ^Internet\ Ninja [OR]  
    RewriteCond %{HTTP_USER_AGENT} ^JetCar [OR]  
    RewriteCond %{HTTP_USER_AGENT} ^JTC\ Web\ Spider [OR]
```

```
RewriteCond %{HTTP_USER_AGENT} ^Arbin [OR]
RewriteCond %{HTTP_USER_AGENT} ^LeechFTP [OR]
RewriteCond %{HTTP_USER_AGENT} ^Mass\ Downloader [OR]
RewriteCond %{HTTP_USER_AGENT} ^MIDown\ tool [OR]
RewriteCond %{HTTP_USER_AGENT} ^Mister\ PiX [OR]
RewriteCond %{HTTP_USER_AGENT} ^Navroad [OR]
RewriteCond %{HTTP_USER_AGENT} ^NearSite [OR]
RewriteCond %{HTTP_USER_AGENT} ^NetAnts [OR]
RewriteCond %{HTTP_USER_AGENT} ^NetSpider [OR]
RewriteCond %{HTTP_USER_AGENT} ^Net\ Vampire [OR]
RewriteCond %{HTTP_USER_AGENT} ^NetZIP [OR]
RewriteCond %{HTTP_USER_AGENT} ^Octopus [OR]
RewriteCond %{HTTP_USER_AGENT} ^Offline\ Explorer [OR]
RewriteCond %{HTTP_USER_AGENT} ^Offline\ Navigator [OR]
RewriteCond %{HTTP_USER_AGENT} ^PageGrabber [OR]
RewriteCond %{HTTP_USER_AGENT} ^Papa\ Foto [OR]
RewriteCond %{HTTP_USER_AGENT} ^pavuk [OR]
RewriteCond %{HTTP_USER_AGENT} ^pcBrowser [OR]
RewriteCond %{HTTP_USER_AGENT} ^RealDownload [OR]
RewriteCond %{HTTP_USER_AGENT} ^ReGet [OR]
RewriteCond %{HTTP_USER_AGENT} ^SiteSnagger [OR]
RewriteCond %{HTTP_USER_AGENT} ^SmartDownload [OR]
RewriteCond %{HTTP_USER_AGENT} ^SuperBot [OR]
RewriteCond %{HTTP_USER_AGENT} ^SuperHTTP [OR]
RewriteCond %{HTTP_USER_AGENT} ^Surfbot [OR]
RewriteCond %{HTTP_USER_AGENT} ^tAkeOut [OR]
RewriteCond %{HTTP_USER_AGENT} ^WWW-Mechanize [OR]
RewriteCond %{HTTP_USER_AGENT} ^Teleport\ Pro [OR]
RewriteCond %{HTTP_USER_AGENT} ^VoidEYE [OR]
RewriteCond %{HTTP_USER_AGENT} ^Web\ Image\ Collector [OR]
RewriteCond %{HTTP_USER_AGENT} ^Web\ Sucker [OR]
RewriteCond %{HTTP_USER_AGENT} ^WebAuto [OR]
RewriteCond %{HTTP_USER_AGENT} ^WebCopier [OR]
RewriteCond %{HTTP_USER_AGENT} ^WebFetch [OR]
RewriteCond %{HTTP_USER_AGENT} ^WebGo\ IS [OR]
RewriteCond %{HTTP_USER_AGENT} ^WebLeacher [OR]
RewriteCond %{HTTP_USER_AGENT} ^WebReaper [OR]
RewriteCond %{HTTP_USER_AGENT} ^WebSauger [OR]
RewriteCond %{HTTP_USER_AGENT} ^Website\ extractor [OR]
RewriteCond %{HTTP_USER_AGENT} ^Website\ Quester [OR]
RewriteCond %{HTTP_USER_AGENT} ^Webster [OR]
```

```

RewriteCond %{HTTP_USER_AGENT} webstripper [OR]
RewriteCond %{HTTP_USER_AGENT} ^WebWhacker [OR]
RewriteCond %{HTTP_USER_AGENT} ^WebZIP [OR]
RewriteCond %{HTTP_USER_AGENT} ^Widow [OR]
RewriteCond %{HTTP_USER_AGENT} ^WWWOFFLE [OR]
RewriteCond %{HTTP_USER_AGENT} ^Xaldon\ WebSpider [OR]
RewriteCond %{HTTP_USER_AGENT} ^Toata\ dragostea\ mea\ pentru\ diavola [OR]
RewriteCond %{HTTP_USER_AGENT} ^Mozilla/5.0\ SF [OR]
RewriteCond %{HTTP_USER_AGENT} ^Zeus
RewriteRule ^.* - [F,L]

```

</IfModule>

scanner bots as well as malicious input blocker

<IfModule mod_rewrite.c>

```

RewriteCond %{HTTP_USER_AGENT} ^w3af.sourceforge.net [NC,OR]
RewriteCond %{HTTP_USER_AGENT} dirbuster [NC,OR]
RewriteCond %{HTTP_USER_AGENT} nikto [NC,OR]
RewriteCond %{HTTP_USER_AGENT} sqlmap [NC,OR]
RewriteCond %{HTTP_USER_AGENT} fimap [NC,OR]
RewriteCond %{HTTP_USER_AGENT} nessus [NC,OR]
RewriteCond %{HTTP_USER_AGENT} whatweb [NC,OR]
RewriteCond %{HTTP_USER_AGENT} Openvas [NC,OR]
RewriteCond %{HTTP_USER_AGENT} jbrofuzz [NC,OR]
RewriteCond %{HTTP_USER_AGENT} libwhisker [NC,OR]
RewriteCond %{HTTP_USER_AGENT} webshag [NC,OR]
RewriteCond %{HTTP_USER_AGENT} (havi|Netsparker|libwww-

```

perl|python|nikto|curl|scan|java|winhttp|clshhttp|loader) [NC,OR]

```

RewriteCond %{HTTP_USER_AGENT} (%0A%0D%27%3C%3E%00) [NC,OR]

```

```

RewriteCond %{HTTP_USER_AGENT} (;|<|>|'|"|\)|\(|%0A%0D%22%27%28%3C%3E%00).*(libww
perl|python|nikto|curl|scan|java|winhttp|HTTrack|clshhttp|archiver|loader|email|harvest|extra
[NC,OR]

```

```

RewriteCond %{HTTP:Acunetix-Product} ^WVS
RewriteCond %{REQUEST_URI} (<| %3C)([^\s]*s)+cript.*(>| %3E) [NC,OR]
RewriteCond %{REQUEST_URI} (<| %3C)([^\e]*e)+mbed.*(>| %3E) [NC,OR]
RewriteCond %{REQUEST_URI} (<| %3C)([^\o]*o)+bject.*(>| %3E) [NC,OR]
RewriteCond %{REQUEST_URI} (<| %3C)([^\i]*i)+frame.*(>| %3E) [NC,OR]
RewriteCond %{REQUEST_URI} base64_(en|de)code[^\(]*\([^\)]*\) [NC,OR]
RewriteCond %{REQUEST_URI} (%0A%0D\\r\\n) [NC,OR]
RewriteCond %{REQUEST_URI} union\([^\a]*a\)+ll\([^\s]*s\)+elect [NC]
RewriteRule ^(.*)$ http://127.0.0.1 [R=301,L]

```

</IfModule>

