```
<IfModule mod_rewrite.c>
    RewriteEngine On
  RewriteBase /

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

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

  #### Force https for certain pages ####
  # RewriteCond %{HTTPS} !=on
  # RewriteRule ^(signup|contact-us)$ https://%{HTTP_HOST}%{REQUEST_URI} [L,R]

  # 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 <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 ^(.*)$ app.php [F,L]

  RewriteCond %{REQUEST_URI} ^/admin(/.*|)$ [NC]
    RewriteCond %{REQUEST_FILENAME} !-f
  RewriteRule ^(.*)$ app_admin.php [QSA,L]

  RewriteCond %{REQUEST_URI} !^/admin(/.*|)$ [NC]
```

```
    RewriteCond %{REQUEST_FILENAME} !-f
    RewriteRule ^(.*)$ app.php [QSA,L]
</IfModule>

#### Disable server signature
ServerSignature Off

#### disable directory browsing
Options All -Indexes

#### Set the timezone
# SetEnv TZ Europe/London

#### 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

#
#### Optimize ####
#

#### HTTP ETag header ####
#FileETag None

#### 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
</ifModule>

#### Cache-Control Headers ####
<ifModule mod_headers.c>
  <filesMatch "\.(ico|jpe?g|png|gif|swf)$">
```

```
    Header set Cache-Control "public"
  </filesMatch>
  <filesMatch "\.(css)$">
    Header set Cache-Control "public"
  </filesMatch>
  <filesMatch "\.(js)$">
    Header set Cache-Control "private"
  </filesMatch>
  <filesMatch "\.(x?html?|php)$">
    #Header set Cache-Control "private, must-revalidate"
  </filesMatch>
</ifModule>

#### HTTP ETag header ####
# FileETag None

#### Expire Headers ####
<IfModule mod_expires.c>

  <FilesMatch "\.(appcache|crx|css|eot|gif|htc|ico|jpe?
g|js|m4a|m4v|manifest|mp4|oex|oga|ogg|ogv|otf|pdf|png|safariextz|svg|svgz|ttf|vcf|webm|webp
    Header unset X-UA-Compatible
  </FilesMatch>

  ExpiresActive On
  #ExpiresDefault A600
  ExpiresByType image/x-icon A2592000
  ExpiresByType application/x-javascript A604800
  ExpiresByType text/css A604800
  ExpiresByType image/gif A2592000
  ExpiresByType image/png A2592000
  ExpiresByType image/jpeg A2592000
  ExpiresByType text/plain A86400
  ExpiresByType application/x-shockwave-flash A2592000
  ExpiresByType video/x-flv A2592000
  ExpiresByType application/pdf A2592000
  #ExpiresByType text/html A3600
</IfModule>

#### Set headers
<ifModule mod_headers.c>
```

```
#### IE
Header set X-UA-Compatible "IE=Edge,chrome=1"

#### P3P Header of IE issues with 3rd party coockies
Header set P3P: "cp=The Greek Spots"

#### Security Hardening
# Vivid Matter - Bulletproof Header Security
# Don't allow pages to be framed externally - Defends against CSRF
Header set X-FRAME-OPTIONS "SAMEORIGIN"

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

# Turn on IE8-IE9 XSS prevention tools
#Header set X-XSS-Protection "1; mode=block"

# 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 add 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"
Header set Version "1.0.0"
```

```
</IfModule>

#
############ End -  Optimize for YSlow

#### bad bot protection
<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} ^JOC\ Web\ Spider [OR]
  RewriteCond %{HTTP_USER_AGENT} ^larbin [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} ^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 malacious 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} (havij|Netsparker|libwww-
perl|python|nikto|curl|scan|java|winhttp|clshttp|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).*(libwww-
perl|python|nikto|curl|scan|java|winhttp|HTTrack|clshttp|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>
```