

```
<IfModule mod_rewrite.c>
```

```
RewriteEngine On
```

```
## Begin RewriteBase
```

```
# If you are getting 404 errors on subpages, you may have to uncomment the RewriteBase entry
```

```
# You should change the '/' to your appropriate subfolder. For example if you have your Grav install at the root of your site '/' should work, else it might be something along the lines of: RewriteBase /<your_sub_folder>
```

```
##
```

```
# RewriteBase /
```

```
## End - RewriteBase
```

```
## Begin - Exploits
```

```
# If you experience problems on your site block out the operations listed below
```

```
# This attempts to block the most common type of exploit `attempts` to Grav
```

```
#
```

```
# Block out any script trying to base64_encode data within the URL.
```

```
RewriteCond %{QUERY_STRING} base64_encode(?:.*) [OR]
```

```
# Block out any script that includes a <script> tag in URL.
```

```
RewriteCond %{QUERY_STRING} (<| %3C)(?:[^\s]*\s)+script.* [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})
```

```
# Return 403 Forbidden header and show the content of the root homepage
```

```
RewriteRule .* index.php [F]
```

```
#
```

```
## End - Exploits
```

```
## Begin - Index
```

```
# If the requested path and file is not /index.php and the request
```

```
# has not already been internally rewritten to the index.php script
```

```
RewriteCond %{REQUEST_URI} !^/index\.php
```

```
# and the requested path and file doesn't directly match a physical file
```

```
RewriteCond %{REQUEST_FILENAME} !-f
```

```
# and the requested path and file doesn't directly match a physical folder
```

```
RewriteCond %{REQUEST_FILENAME} !-d
```

```

RewriteCond %{REQUEST_FILENAME} !-d
# internally rewrite the request to the index.php script
RewriteRule .* index.php [L]
## End - Index

## Begin - Security
# Block all direct access for these folders
RewriteRule ^(cache|bin|logs|backup)/(.*) error [L]
# Block access to specific file types for these folders
RewriteRule ^(system|user|vendor)/(.*)\.(txt|md|html|yaml|php|twig|sh|bat)$ error [L]
## End - Security

</IfModule>

<IfModule mod_deflate.c>
# Compress HTML, CSS, JavaScript, Text, XML and fonts
AddOutputFilterByType DEFLATE application/javascript
AddOutputFilterByType DEFLATE application/rss+xml
AddOutputFilterByType DEFLATE application/vnd.ms-fontobject
AddOutputFilterByType DEFLATE application/x-font
AddOutputFilterByType DEFLATE application/x-font-opentype
AddOutputFilterByType DEFLATE application/x-font-otf
AddOutputFilterByType DEFLATE application/x-font-truetype
AddOutputFilterByType DEFLATE application/x-font-ttf
AddOutputFilterByType DEFLATE application/x-javascript
AddOutputFilterByType DEFLATE application/xhtml+xml
AddOutputFilterByType DEFLATE application/xml
AddOutputFilterByType DEFLATE font/opentype
AddOutputFilterByType DEFLATE font/otf
AddOutputFilterByType DEFLATE font/ttf
AddOutputFilterByType DEFLATE image/svg+xml
AddOutputFilterByType DEFLATE image/x-icon
AddOutputFilterByType DEFLATE text/css
AddOutputFilterByType DEFLATE text/html
AddOutputFilterByType DEFLATE text/javascript
AddOutputFilterByType DEFLATE text/plain
AddOutputFilterByType DEFLATE text/xml

# Remove browser bugs (only needed for really old browsers)
BrowserMatch ^Mozilla/4 gzip-only-text/html
BrowserMatch ^Mozilla/4\.0[678] no-gzip

```

```
BrowserMatch \bMSIE !no-gzip !gzip-only-text/html
Header append Vary User-Agent
</IfModule>

## EXPIRES CACHING ##
<IfModule mod_expires.c>
ExpiresActive On
ExpiresByType image/jpg "access 1 year"
ExpiresByType image/jpeg "access 1 year"
ExpiresByType image/gif "access 1 year"
ExpiresByType image/png "access 1 year"
ExpiresByType text/css "access 1 month"
ExpiresByType text/html "access 1 month"
ExpiresByType application/pdf "access 1 month"
ExpiresByType text/x-javascript "access 1 month"
ExpiresByType application/x-shockwave-flash "access 1 month"
ExpiresByType image/x-icon "access 1 year"
ExpiresDefault "access 1 month"
</IfModule>

## EXPIRES CACHING ##

# Begin - Prevent Browsing
Options -Indexes
# End - Prevent Browsing
```