

```
<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)+cript.* [NC,OR]
```

```
# Block out any script trying to set a PHP GLOBALS variable via URL.
```

```
RewriteCond %{QUERY_STRING} GLOBALS(=| \[| \)| \%00-\%20) [OR]
```

```
# Block out any script trying to modify a _REQUEST variable via URL.
```

```
RewriteCond %{QUERY_STRING} _REQUEST(=| \[| \)| \%00-\%20)
```

```
# 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 ^(.(git|cachel|bin|log|backup|packages|webserver-configs|tests)/(.*)) error [F]
# Block access to specific file types for these system folders
RewriteRule ^(system|vendor)/(.*)\.(txt|xml|md|html|yaml|php|pl|py|cgi|twig|sh|bat)$ error [F]
# Block access to specific file types for these user folders
RewriteRule ^(user)/(.*)\.(txt|md|yaml|php|pl|py|cgi|twig|sh|bat)$ error [F]
# Block all direct access to .md files:
RewriteRule \.md$ error [F]
# Block all direct access to files and folders beginning with a dot
RewriteRule (^|/)\.(?!well-known) - [F]
# Block access to specific files in the root folder
RewriteRule ^(LICENSE.txt|composer.lock|composer.json|\.htaccess)$ error [F]
## End - Security

</IfModule>

# Begin - Prevent Browsing and Set Default Resources
Options -Indexes
DirectoryIndex index.html index.htm index.php
# End - Prevent Browsing and Set Default Resources
```