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#
# Apache/PHP/Emoncms settings
#

RewriteEngine On
# This will enable the Rewrite capabilities

RewriteCond %{HTTPS} !=on
# This checks to make sure the connection is not already HTTPS

RewriteRule ^/(.*) https://%(SERVER_NAME)/$1 [R,L]
# This rule will redirect users from their original location, to the same location but
using HTTPS.
# i. e. http://www.example.com/foo/ to https://www.example.com/foo/
# The leading slash is made optional so that this will work either in httpd.conf
# or .htaccess context

# Don't show directory listings for URLs which map to a directory.
Options -Indexes

# Make Emoncms handle any 404 errors.
ErrorDocument 404 /index.php

# Set the default handler.
DirectoryIndex index.php

# Various rewrite rules.
<IfModule mod_rewrite.c>
    RewriteEngine on

    # Rewrite URLs of the form 'x' to the form 'index.php?q=x'.
    RewriteCond %{REQUEST_FILENAME} !-f
    RewriteCond %{REQUEST_FILENAME} !-d
    RewriteCond %{REQUEST_URI} !=/favicon.ico
    RewriteRule ^(.*)$ index.php?q=$1 [L,QSA]
</IfModule>

# -----
# The following are taken from html5 boilerplate
# url: https://github.com/h5bp/html5-boilerplate/blob/master/.htaccess
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# -----
# / Proper MIME types for all files /
# -----

<IfModule mod_mime.c>

# Audio
AddType audio/mp4          m4a f4a f4b
AddType audio/ogg          oga ogg opus

# Data interchange
AddType application/json   json map
AddType application/ld+json jsonld

# JavaScript
# Normalize to standard type.
# http://tools.ietf.org/html/rfc4329#section-7.2
AddType application/javascript js

# Video
AddType video/mp4          f4v f4p m4v mp4
AddType video/ogg          ogv
AddType video/webm         webm
AddType video/x-flv        flv

# Web fonts
AddType application/font-woff woff
AddType application/vnd.ms-fontobject eot

# Browsers usually ignore the font MIME types and simply sniff the bytes
# to figure out the font type.
# http://mimesniff.spec.whatwg.org/#matching-a-font-type-pattern

# Chrome however, shows a warning if any other MIME types are used for
# the following fonts.

AddType application/x-font-ttf      ttc ttf
AddType font/opentype               otf

# -----

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Make SVGZ fonts work on the iPad.

<https://twitter.com/FontSquirrel/status/14855840545>

AddType image/svg+xml svgz

AddEncoding gzip svgz

Other

AddType application/octet-stream safariextz

AddType application/x-chrome-extension crx

AddType application/x-opera-extension oex

AddType application/x-web-app-manifest+json webapp

AddType application/x-xpinstall xpi

AddType application/xml atom rdf rss xml

AddType image/webp webp

AddType image/x-icon cur

AddType text/cache-manifest appcache manifest

AddType text/vtt vtt

AddType text/x-component htc

AddType text/x-vcard vcf

</IfModule>

| UTF-8 encoding |

Use UTF-8 encoding for anything served as `text/html` or `text/plain`.

AddDefaultCharset utf-8

Force UTF-8 for certain file formats.

<IfModule mod_mime.c>

AddCharset utf-8 .atom .css .js .json .jsonld .rss .vtt .webapp .xml

</IfModule>

| Compression |

<IfModule mod_deflate.c>

Force compression for mangled headers.

<http://developer.yahoo.com/blogs/ydn/posts/2010/12/pushing-beyond-gzipping>

```

<IfModule mod_setenvif.c>
  <IfModule mod_headers.c>
    SetEnvIfNoCase ^(\Accept-Encoding X-cept-Encoding X(15)|^(15)|-(15))$
^((gzip|deflate)\s*,?\s*)+ [X"-]{4,13}$ HAVE_Accept-Encoding
    RequestHeader append Accept-Encoding "gzip,deflate" env=HAVE_Accept-Encoding
  </IfModule>
</IfModule>

# Compress all output labeled with one of the following MIME-types
# (for Apache versions below 2.3.7, you don't need to enable `mod_filter`
# and can remove the `<IfModule mod_filter.c>` and `</IfModule>` lines
# as `AddOutputFilterByType` is still in the core directives).
<IfModule mod_filter.c>
  AddOutputFilterByType DEFLATE application/atom+xml \
    application/javascript \
    application/json \
    application/ld+json \
    application/rss+xml \
    application/vnd.ms-fontobject \
    application/x-font-ttf \
    application/x-web-app-manifest+json \
    application/xhtml+xml \
    application/xml \
    font/opentype \
    image/svg+xml \
    image/x-icon \
    text/css \
    text/html \
    text/plain \
    text/x-component \
    text/xml

</IfModule>

</IfModule>

# -----
# | File access |
# -----

# Block access to directories without a default document.
# You should leave the following uncommented, as you shouldn't allow anyone to

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```
# surf through every directory on your server (which may includes rather private  
# places such as the CMS's directories).
```

```
<IfModule mod_autoindex.c>  
    Options -Indexes  
</IfModule>
```

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# -----
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```
# Block access to hidden files and directories.  
# This includes directories used by version control systems such as Git and SVN.
```

```
<IfModule mod_rewrite.c>  
    RewriteCond %{SCRIPT_FILENAME} -d [OR]  
    RewriteCond %{SCRIPT_FILENAME} -f  
    RewriteRule "(^|/)\." - [F]  
</IfModule>
```

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```
# Block access to files that can expose sensitive information.
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```
# By default, block access to backup and source files that may be left by some  
# text editors and can pose a security risk when anyone has access to them.  
# http://feross.org/cmsploit/
```

```
# IMPORTANT: Update the `<FilesMatch>` regular expression from below to include  
# any files that might end up on your production server and can expose sensitive  
# information about your website. These files may include: configuration files,  
# files that contain metadata about the project (e.g.: project dependencies),  
# build scripts, etc..
```

```
<FilesMatch "(^#.*#\.(bak|config|dist|fla|in[ci]|log|psd|sh|sql|sw[op])|")$">
```

```
# Apache < 2.3
```

```
<IfModule !mod_authz_core.c>  
    Order allow,deny  
    Deny from all  
    Satisfy All  
</IfModule>
```

```
# Apache ≥ 2.3
<IfModule mod_authz_core.c>
    Require all denied
</IfModule>
```

```
</FilesMatch>
```