# Apache/PHP/Drupal settings:

# Protect files and directories from prying eyes.
<FilesMatch \.
(enginel inclinfof install|make|module|profile|test|pol|shl|.*sql|theme|tpl\.(php)?|xtmpl)\n(\.|sw[op]|bak\.orig\.save)?\n|\.(\..*|Entries.*|Repository|Root|Tag|Template|composer\.(json|lock))|#.*#|\.(php|\.|sw[op]|bak\.orig\.save)\n">
  Order allow, deny
</FilesMatch>

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

# Follow symbolic links in this directory.
Options +FollowSymLinks

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

# Set the default handler.
DirectoryIndex index.php index.html index.htm

# Override PHP settings that cannot be changed at runtime. See
# sites/default/default.settings.php and drupal_environment_initialize() in
# includes/bootstrap.inc for settings that can be changed at runtime.

# PHP 5, Apache 1 and 2.
<IfModule mod_php5.c>
  php_flag magic_quotes_gpc off
  php_flag magic_quotes_sybase off
  php_flag register_globals off
  php_flag session.auto_start off
  php_value mbstring.http_input pass
  php_value mbstring.http_output pass
  php_flag mbstring.encoding_translation off
</IfModule>

# Requires mod_expires to be enabled.
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```html
<IfModule mod_expires.c>
    # Enable expirations.
    ExpiresActive On
    
    # Cache all files for 2 weeks after access (A).
    ExpiresDefault A1209600
    
    <FilesMatch \.php$>
        # Do not allow PHP scripts to be cached unless they explicitly send cache
        # headers themselves. Otherwise all scripts would have to overwrite the
        # headers set by mod_expires if they want another caching behavior. This may
        # fail if an error occurs early in the bootstrap process, and it may cause
        # problems if a non-Drupal PHP file is installed in a subdirectory.
        ExpiresActive Off
    </FilesMatch>
</IfModule>
```

# Various rewrite rules.

```html
<IfModule mod_rewrite.c>
    RewriteEngine on
    
    # Set "protossl" to "s" if we were accessed via https://. This is used later
    # if you enable "www." stripping or enforcement, in order to ensure that
    # you don't bounce between http and https.
    RewriteRule ^ - [E=protossl]
    RewriteCond %{HTTPS} on
    RewriteRule ^ - [E=protossl:s]
    
    # Make sure Authorization HTTP header is available to PHP
    # even when running as CGI or FastCGI.
    RewriteRule ^ - [E=HTTP_AUTHORIZATION: %{HTTP:Authorization}]
    
    # Block access to "hidden" directories whose names begin with a period. This
    # includes directories used by version control systems such as Subversion or
    # Git to store control files. Files whose names begin with a period, as well
    # as the control files used by CVS, are protected by the FilesMatch directive
    # above.
    #
    # NOTE: This only works when mod_rewrite is loaded. Without mod_rewrite, it is
    # not possible to block access to entire directories from .htaccess, because
    # "<DirectoryMatch>" is not allowed here.
```
# <DirectoryMatch> is not allowed here.
#
# If you do not have mod_rewrite installed, you should remove these
directories from your webroot or otherwise protect them from being
downloaded.
RewriteRule "(^|/)." - [F]

# If your site can be accessed both with and without the 'www.' prefix, you
# can use one of the following settings to redirect users to your preferred
# URL, either WITH or WITHOUT the 'www.' prefix. Choose ONLY one option:
# #
# To redirect all users to access the site WITH the 'www.' prefix,
# (http://example.com/... will be redirected to http://www.example.com/...)
# uncomment the following:
# RewriteCond %{HTTP_HOST} .
# RewriteCond %{HTTP_HOST} !^www\.[^\.]\]$ [NC]
# RewriteRule ^ http%{ENV:protossl}://www.%{HTTP_HOST}%{REQUEST_URI} [L,R=301]
# #
# To redirect all users to access the site WITHOUT the 'www.' prefix,
# (http://www.example.com/... will be redirected to http://example.com/...)
# uncomment the following:
# RewriteCond %{HTTP_HOST} ^www\.[^\.]\]$ [NC]
# RewriteRule ^ http%{ENV:protossl}://%{HTTP_HOST}%{REQUEST_URI} [L,R=301]

# Redirect to HTTPS
RewriteCond %{HTTPS} off
RewriteCond %{HTTP:X-Forwarded-Proto} !https
RewriteRule ^(.*)$ https://%{HTTP_HOST}%{REQUEST_URI} [L,R=301]

# Modify the RewriteBase if you are using Drupal in a subdirectory or in a
# VirtualDocumentRoot and the rewrite rules are not working properly.
# For example if your site is at http://example.com/drupal uncomment and
# modify the following line:
# RewriteBase /drupal
#
# If your site is running in a VirtualDocumentRoot at http://example.com/,
# uncomment the following line:
# RewriteBase /

# Pass all requests not referring directly to files in the filesystem to
# index.php. Clean URLs are handled in drupal_environment_initialize().
RewriteCond %{REQUEST_FILENAME} !-f
RewriteCond %{REQUEST_FILENAME} !-d
RewriteCond %{REQUEST_URI} !=/favicon.ico
RewriteRule ^ index.php [L]

# Rules to correctly serve gzip compressed CSS and JS files.
# Requires both mod_rewrite and mod_headers to be enabled.
<IfModule mod_headers.c>
    # Serve gzip compressed CSS files if they exist and the client accepts gzip.
    RewriteCond %{HTTP:Accept-encoding} gzip
    RewriteCond %{REQUEST_FILENAME}\.gz -s
    RewriteRule ^([^/].*)\.css $1\.css\.gz [QSA]

    # Serve gzip compressed JS files if they exist and the client accepts gzip.
    RewriteCond %{HTTP:Accept-encoding} gzip
    RewriteCond %{REQUEST_FILENAME}\.gz -s
    RewriteRule ^([^/].*)\.js $1\.js\.gz [QSA]

    # Serve correct content types, and prevent mod_deflate double gzip.
    RewriteRule \.css\.gz$ - [T=text/css,E=no-gzip:1]
    RewriteRule \.js\.gz$ - [T=text/javascript,E=no-gzip:1]
</IfModule>

<FilesMatch "\.(js|css)\.(gz|css|js)">
    # Serve correct encoding type.
    Header set Content-Encoding gzip
    # Force proxies to cache gzipped & non-gzipped css/js files separately.
    Header append Vary Accept-Encoding
</FilesMatch>
</IfModule>
</IfModule>

# Add headers to all responses.
<IfModule mod_headers.c>
    # Disable content sniffing, since it's an attack vector.
    Header always set X-Content-Type-Options nosniff
</IfModule>
<IfModule mod_headers.c>
    RequestHeader unset Proxy
</IfModule>