```
#
# Apache/PHP/Drupal settings:
# Protect files and directories from prying eyes.
<FilesMatch "\.(enginelinclinstall|makelmodule|profile|polsh|.*sql|theme|twig|tpl(\.php)?</p>
|xtmpl|yml)(~|\.sw[op]|\.bak|\.orig|\.save)?
$| ^(\...*| Entries. *| Repository| Root| Tag| Template)$| ^#. *#$| \. php(~| \. sw[op]| \. bak| \. orig\. save
  <IfModule mod_authz_core.c>
    Require all denied
  </If Module>
  <IfModule ! mod_authz_core. c>
    Order allow, denu
  </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\Core\DrupalKernel::bootEnvironment() for settings that can be
# changed at runtime.
# PHP 5, Apache 1 and 2.
<IfModule mod_php5.c>
  php_flag session.auto_start
                                             off
  php_value mbstring.http_input
                                             pass
  php_value mbstring.http_output
                                             pass
  php_flag mbstring.encoding_translation
                                             off
```

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# Requires mod_expires to be enabled.
<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
  <p
</IfModule>
# Various rewrite rules.
<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
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# <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 "(^I/)\." - [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.%CHTTP_HOST)%CREQUEST_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 %CHTTP_HOST> ^www\.(.+)$ [NC]
# RewriteRule ^ http%(ENV: protossl): //%1%(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 /
# Redirect common PHP files to their new locations.
RewriteCond %(REQUEST_URI) ^(.*)?/(install.php) [OR]
RewriteCond %(REQUEST_URI) ^(.*)?/(rebuild.php)
RewriteCond %(REQUEST_URI) !core
RewriteRule ^ %1/core/%2 [L,QSA,R=301]
```

not possible to block access to entire directories from .htaccess because

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# Pass all requests not referring directly to files in the filesystem to
# index. php.
RewriteCond %(REQUEST_FILENAME) !-f
RewriteCond %(REQUEST_FILENAME) !-d
RewriteCond %(REQUEST_URI) !=/favicon.ico
RewriteRule ^ index.php [L]
# For security reasons, deny access to other PHP files on public sites.
# Note: The following URI conditions are not anchored at the start (^),
# because Drupal may be located in a subdirectory. To further improve
# security, you can replace '!/' with '!^/'.
# Allow access to PHP files in /core (like authorize.php or install.php):
RewriteCond %(REQUEST_URI) !/core/[^/]*\.php$
# Allow access to test-specific PHP files:
RewriteCond %(REQUEST_URI) !/core/modules/system/tests/https?.php$
# Allow access to Statistics module's custom front controller.
# Copy and adapt this rule to directly execute PHP files in contributed or
# custom modules or to run another PHP application in the same directory.
RewriteCond %(REQUEST_URI) !/core/modules/statistics/statistics.php$
# Deny access to any other PHP files that do not match the rules above.
RewriteRule "^. +/. *\. php$" - [F]
# 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]
  <FilesMatch "(\. js\. gzl \. css\. gz)$">
    # Serve correct encoding type.
```

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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>
```