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#
# Apache/PHP/Drupal settings:
#

# Protect files and directories from prying eyes.
<FilesMatch "\.(engine|inc|install|make|module|profile|po|sh|.*sql|theme|twig|tpl(\.php)?
|xtmpl|yml)(~|\.sw[op]|\.bak|\.orig|\.save)?
$|^(\..*|Entries.*|Repository|Root|Tag|Template)$|^#.*#$|\.php(~|\.sw[op]|\.bak|\.orig|\.sav
  <IfModule mod_authz_core.c>
    Require all denied
  </IfModule>
  <IfModule !mod_authz_core.c>
    Order allow,deny
  </IfModule>
</FilesMatch>

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

# Follow symbolic links in this directory.
Options +FollowSymLinks

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

# Add correct encoding for SVGZ.
AddType image/svg+xml svg svgz
AddEncoding gzip svgz

# Most of the following PHP settings 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_value assert.active                0
  php_flag session.auto_start            off
  php_value mbstring.http_input          pass
  php_value mbstring.http_output         pass
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  php_flag mbstring.encoding_translation    off
  # PHP 5.6 has deprecated $HTTP_RAW_POST_DATA and produces warnings if this is
  # not set.
  php_value always_populate_raw_post_data    -1
</IfModule>

# 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
  </FilesMatch>
</IfModule>

# Set a fallback resource if mod_rewrite is not enabled. This allows Drupal to
# work without clean URLs. This requires Apache version >= 2.2.16. If Drupal is
# not accessed by the top level URL (i.e.: http://example.com/drupal/ instead of
# http://example.com/), the path to index.php will need to be adjusted.
<IfModule !mod_rewrite.c>
  FallbackResource /index.php
</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
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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.
#
# 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/foo will be redirected to http://www.example.com/foo)
# 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/foo will be redirected to http://example.com/foo)
# uncomment the following:
# RewriteCond %{HTTP_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
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# 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]

# Rewrite install.php during installation to see if mod_rewrite is working
RewriteRule ^core/install.php core/install.php?rewrite=ok [QSA,L]

# 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.
# Specifically, disallow autoload.php from being served directly.
RewriteRule "^(.+/.*|autoload)\.php($|/)" - [F]

# Rules to correctly serve gzip compressed CSS and JS files.
# Requires both mod_rewrite and mod_headers to be enabled.
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```apache
<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\.gz|\.css\.gz)$">
        # 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>
```