

```

# Use PHP5.4 as default [Shared Server specific]
# AddHandler application/x-httpd-php54 .php

# #####
# # MEDIA TYPES AND CHARACTER ENCODINGS #
# #####

# -----
# | Media types |
# -----

# Serve resources with the proper media types (f.k.a. MIME types).
#
# https://www.iana.org/assignments/media-types/media-types.xhtml
# https://httpd.apache.org/docs/current/mod/mod_mime.html#addtype

<IfModule mod_mime.c>

# Data interchange

AddType application/atom+xml atom
AddType application/json json map topjson
AddType application/ld+json jsonld
AddType application/rss+xml rss
AddType application/vnd.geo+json geojson
AddType application/xml rdf xml

# JavaScript

# Normalize to standard type.
# https://tools.ietf.org/html/rfc4329#section-7.2

AddType application/javascript js

# Manifest files

AddType application/manifest+json webmanifest
AddType application/x-web-app-manifest+json webapp
AddType text/cache-manifest appcache

# Media files

```

Media Types

```
AddType audio/mp4          f4a f4b m4a
AddType audio/ogg          oga ogg opus
AddType image/bmp          bmp
AddType image/svg+xml      svg svgz
AddType image/webp         webp
AddType video/mp4          f4v f4p m4v mp4
AddType video/ogg          ogv
AddType video/webm         webm
AddType video/x-flv        flv
```

```
# Serving `.ico` image files with a different media type
# prevents Internet Explorer from displaying them as images:
# https://github.com/h5bp/html5-
```

boilerplate/commit/37b5fec090d00f38de64b591bcddcb205aadf8ee

```
AddType image/x-icon      cur ico
```

Web fonts

```
AddType application/font-woff          woff
AddType application/font-woff2         woff2
AddType application/vnd.ms-fontobject  eot
```

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

```
# However, Blink and WebKit based browsers will show a warning
# in the console if the following font types are served with any
# other media types.
```

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

Other

```
AddType application/octet-stream      safariextz
AddType application/x-bb-appworld      bbaw
AddType application/x-chrome-extension crx
```

```
AddType application/x-opera-extension      oex
AddType application/x-xpinstall            xpi
AddType text/vcard                         vcard vcf
AddType text/vnd.rim.location.xloc        xloc
AddType text/vtt                           vtt
AddType text/x-component                   htc
```

```
</IfModule>
```

```
# -----
# | Character encodings |
# -----
```

```
# Serve all resources labeled as `text/html` or `text/plain`
# with the media type `charset` parameter set to `UTF-8`.
#
# https://httpd.apache.org/docs/current/mod/core.html#adddefaultcharset
```

```
AddDefaultCharset utf-8
```

```
# -----
```

```
# Serve the following file types with the media type `charset`
# parameter set to `UTF-8`.
#
# https://httpd.apache.org/docs/current/mod/mod_mime.html#addcharset
```

```
<IfModule mod_mime.c>
```

```
AddCharset utf-8 .atom \
               .bbaw \
               .css \
               .geojson \
               .js \
               .json \
               .jsonld \
               .manifest \
               .rdf \
               .rss \
               .topojson \
               .vtt \
               .webapp \
```

```
.webmanifest \
.xloc \
.xml
```

```
</IfModule>
```

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

```
# Block access to directories without a default document.
```

```
#
# You should leave the following uncommented, as you shouldn't allow
# anyone to 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>
```

```
# -----

# Block access to all hidden files and directories with the exception of
# the visible content from within the `/.well-known/` hidden directory.
#
# These types of files usually contain user preferences or the preserved
# state of an utility, and can include rather private places like, for
# example, the `.git` or `.svn` directories.
#
# The `/.well-known/` directory represents the standard (RFC 5785) path
# prefix for "well-known locations" (e.g.: `/.well-known/manifest.json`,
# `.well-known/keybase.txt`), and therefore, access to its visible
# content should not be blocked.
#
# https://www.mnot.net/blog/2010/04/07/well-known
# https://tools.ietf.org/html/rfc5785
```

```
<IfModule mod_rewrite.c>
```

```
RewriteEngine On
```

```
RewriteCond %{REQUEST_URI} "!(^/)\.well-known/([^. /]+/?.)*$" [NC]
```

```
RewriteCond %{SCRIPT_FILENAME} -d [OR]
```

```
RewriteCond %{SCRIPT_FILENAME} -f
```

```

RewriteRule "(^/)\." - [F]
</IfModule>

# -----

# Block access to files that can expose sensitive information.
#
# 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/
#
# (!) 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|conf|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>

# -----
# | Reducing MIME type security risks |
# -----

# Prevent some browsers from MIME-sniffing the response.
#

```

```
# This reduces exposure to drive-by download attacks and cross-origin
# data leaks, and should be left uncommented, especially if the server
# is serving user-uploaded content or content that could potentially be
# treated as executable by the browser.
#
# http://www.slideshare.net/hasegawayosuke/owasp-hasegawa
# http://blogs.msdn.com/b/ie/archive/2008/07/02/ie8-security-part-v-comprehensive-
# protection.aspx
# https://msdn.microsoft.com/en-us/library/ie/gg622941.aspx
# https://mimesniff.spec.whatwg.org/
```

```
<IfModule mod_headers.c>
    Header set X-Content-Type-Options "nosniff"
</IfModule>
```

```
# -----
# | Server-side technology information |
# -----
```

```
# Remove the `X-Powered-By` response header that:
#
# * is set by some frameworks and server-side languages
#   (e.g.: ASP.NET, PHP), and its value contains information
#   about them (e.g.: their name, version number)
#
# * doesn't provide any value to users, contributes to header
#   bloat, and in some cases, the information it provides can
#   expose vulnerabilities
#
# (!) If you can, you should disable the `X-Powered-By` header from the
# language / framework level (e.g.: for PHP, you can do that by setting
# `expose_php = off` in `php.ini`)
#
# https://php.net/manual/en/ini.core.php#ini.expose-php
```

```
<IfModule mod_headers.c>
    Header unset X-Powered-By
</IfModule>
```

```
# -----
# | Server software information |
# -----
```

```
# -----  
  
# Prevent Apache from adding a trailing footer line containing  
# information about the server to the server-generated documents  
# (e.g.: error messages, directory listings, etc.)  
#  
# https://httpd.apache.org/docs/current/mod/core.html#serversignature
```

ServerSignature Off

```
# #####  
# # WEB PERFORMANCE #  
# #####  
  
# -----  
# | Compression |  
# -----
```

```
<IfModule mod_deflate.c>
```

```
    # Force compression for mangled `Accept-Encoding` request headers  
    # https://developer.yahoo.com/blogs/ydn/pushing-beyond-gzipping-25601.html
```

```
    <IfModule mod_setenvif.c>
```

```
        <IfModule mod_headers.c>
```

```
            SetEnvIfNoCase ^(\Accept-EncodXng|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 media types,  
#  
# (!) For Apache versions below version 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.  
#  
# https://httpd.apache.org/docs/current/mod/mod\_filter.html#addoutputfilterbytype
```

```
<IfModule mod_filter.c>
    AddOutputFilterByType DEFLATE "application/atom+xml" \
        "application/javascript" \
        "application/json" \
        "application/ld+json" \
        "application/manifest+json" \
        "application/rdf+xml" \
        "application/rss+xml" \
        "application/schema+json" \
        "application/vnd.geo+json" \
        "application/vnd.ms-fontobject" \
        "application/x-font-ttf" \
        "application/x-javascript" \
        "application/x-web-app-manifest+json" \
        "application/xhtml+xml" \
        "application/xml" \
        "font/eot" \
        "font/opentype" \
        "image/bmp" \
        "image/svg+xml" \
        "image/vnd.microsoft.icon" \
        "image/x-icon" \
        "text/cache-manifest" \
        "text/css" \
        "text/html" \
        "text/javascript" \
        "text/plain" \
        "text/vcard" \
        "text/vnd.rim.location.xloc" \
        "text/vtt" \
        "text/x-component" \
        "text/x-cross-domain-policy" \
        "text/xml"
```

```
</IfModule>
```

```
# -----  
  
# Map the following filename extensions to the specified  
# encoding tube in order to make Apache serve the file tubes
```



```
-----
# with the appropriate `Content-Encoding` response header
# (do note that this will NOT make Apache compress them!).
#
# If these files types would be served without an appropriate
# `Content-Enable` response header, client applications (e.g.:
# browsers) wouldn't know that they first need to uncompress
# the response, and thus, wouldn't be able to understand the
# content.
#
# https://httpd.apache.org/docs/current/mod/mod\_mime.html#addencoding
```

```
<IfModule mod_mime.c>
    AddEncoding gzip          svgz
</IfModule>
```

```
</IfModule>
```

```
-----
# | ETags |
# -----
```

```
# Remove `ETags` as resources are sent with far-future expires headers.
#
# https://developer.yahoo.com/performance/rules.html#etags
# https://tools.ietf.org/html/rfc7232#section-2.3
```

```
# `FileETag None` doesn't work in all cases.
```

```
<IfModule mod_headers.c>
    Header unset ETag
</IfModule>
```

```
FileETag None
```

```
-----
# | Expires headers |
# -----
```

```
# Serve resources with far-future expires headers.
#
# (!) If you don't control versioning with filename-based
# cache busting, you should consider lowering the cache times
```

```
# CACHE DURATION, YOU SHOULD CONSIDER LOWERING THE CACHE TIMES
# to something like one week.
#
# https://httpd.apache.org/docs/current/mod/mod\_expires.html
```

```
<IfModule mod_expires.c>
```

```
ExpiresActive on
ExpiresDefault "access plus 1 month"
```

```
# CSS
```

```
ExpiresByType text/css "access plus 1 year"
```

```
# Data interchange
```

```
ExpiresByType application/atom+xml "access plus 1 hour"
```

```
ExpiresByType application/rdf+xml "access plus 1 hour"
```

```
ExpiresByType application/rss+xml "access plus 1 hour"
```

```
ExpiresByType application/json "access plus 0 seconds"
```

```
ExpiresByType application/ld+json "access plus 0 seconds"
```

```
ExpiresByType application/schema+json "access plus 0 seconds"
```

```
ExpiresByType application/vnd.geo+json "access plus 0 seconds"
```

```
ExpiresByType application/xml "access plus 0 seconds"
```

```
ExpiresByType text/xml "access plus 0 seconds"
```

```
# Favicon (cannot be renamed!) and cursor images
```

```
ExpiresByType image/vnd.microsoft.icon "access plus 1 week"
```

```
ExpiresByType image/x-icon "access plus 1 week"
```

```
# HTML
```

```
ExpiresByType text/html "access plus 0 seconds"
```

```
# JavaScript
```

```
ExpiresByType application/javascript "access plus 1 year"
```

```
ExpiresByType application/x-javascript "access plus 1 year"
```

```
ExpiresByType text/javascript "access plus 1 year"
```

Manifest files

```
ExpiresByType application/manifest+json "access plus 1 week"
ExpiresByType application/x-web-app-manifest+json "access plus 0 seconds"
ExpiresByType text/cache-manifest "access plus 0 seconds"
```

Media files

```
ExpiresByType audio/ogg "access plus 1 month"
ExpiresByType image/bmp "access plus 1 month"
ExpiresByType image/gif "access plus 1 month"
ExpiresByType image/jpeg "access plus 1 month"
ExpiresByType image/png "access plus 1 month"
ExpiresByType image/svg+xml "access plus 1 month"
ExpiresByType image/webp "access plus 1 month"
ExpiresByType video/mp4 "access plus 1 month"
ExpiresByType video/ogg "access plus 1 month"
ExpiresByType video/webm "access plus 1 month"
```

Web fonts

Embedded OpenType (EOT)

```
ExpiresByType application/vnd.ms-fontobject "access plus 1 month"
ExpiresByType font/eot "access plus 1 month"
```

OpenType

```
ExpiresByType font/opentype "access plus 1 month"
```

TrueType

```
ExpiresByType application/x-font-ttf "access plus 1 month"
```

Web Open Font Format (WOFF) 1.0

```
ExpiresByType application/font-woff "access plus 1 month"
ExpiresByType application/x-font-woff "access plus 1 month"
ExpiresByType font/woff "access plus 1 month"
```

Web Open Font Format (WOFF) 2.0

```
ExpiresByType application/font-woff2 "access plus 1 month"
```

Other

ExpiresByType text/x-cross-domain-policy

"access plus 1 week"

</IfModule>

rewrite to index...

<IfModule mod_rewrite.c>

RewriteEngine On

RewriteCond %{REQUEST_FILENAME} !-f

RewriteCond %{REQUEST_FILENAME} !-d

RewriteCond %{REQUEST_URI} !index

RewriteRule ^(.*)\$ index.php [QSA,L]

</ifModule>