

```
# Turn on Keep-Alive header
<ifModule mod_headers.c>
    Header set Connection keep-alive
</ifModule>

# -----
# | Internet Explorer |
# -----

# Force IE to render pages in the highest available mode in the various
# cases when it may not: http://hsivonen.iki.fi/doctype/ie-mode.pdf.
<IfModule mod_headers.c>
    Header set X-UA-Compatible "IE=edge"
    # `mod_headers` can't match based on the content-type, however, we only
    # want to send this header for HTML pages and not for the other resources
    <FilesMatch "\.(appcache|crx|css|curl|eot|gif|htc|icol|jpe?
gl|js|m4a|m4v|manifest|mp4|oex|ogal|oggl|ogv|opus|otf|pdf|png|safariextz|svgz?
|ttf|vcf|webapp|webml|webpl|woff|xml|xpi)$">
        Header unset X-UA-Compatible
    </FilesMatch>
</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 .rss .vtt .webapp .xml
</IfModule>

# -----
# | Security |
# -----

# Make sure directory listing is disabled
Options +FollowSymLinks -Indexes
```

```

# 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>

# Block access to backup and source files.
# These files may be left by some text editors and can pose a great security
# danger when anyone has access to them.

<FilesMatch "(^#.#|\. (bak|config|dist|fla|incl|ini|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>

# -----
# | Compression |
# -----

<IfModule mod_deflate.c>

    # Force compression for mangled headers.
    # http://developer.yahoo.com/blogs/ymdn/posts/2010/12/pushing-beyond-gzipping
    <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 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/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>

# -----
# | 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

JavaScript

Normalize to standard type (it's sniffed in IE anyways):

<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 sniff the content,
however, Chrome shows a warning if other MIME types are used for the
following fonts.*

AddType application/x-font-ttf ttc ttf

AddType font/opentype otf

Make SVGZ fonts work on 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>

```
# -----  
# | Redirects |  
# -----
```

<IfModule mod_rewrite.c>

Option 1: To rewrite "www.domain.com -> domain.com" uncomment the following lines.

```
RewriteCond %{HTTPS} !=on  
RewriteCond %{HTTP_HOST} ^www\.(.+)$ [NC]  
RewriteRule ^(.*)$ http://%1/$1 [R=301,L]
```

</IfModule>

```
# -----  
# | Content transformations |  
# -----
```

*# Prevent mobile network providers from modifying the website's content.
http://www.w3.org/Protocols/rfc2616/rfc2616-sec14.html#sec14.9.5.*

<IfModule mod_headers.c>

```
Header set Cache-Control "no-transform"
```

</IfModule>

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

*# Remove `ETags` as resources are sent with far-future expires headers.
http://developer.yahoo.com/performance/rules.html#etags.*

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

<IfModule mod_headers.c>

```
Header unset ETag
```

</IfModule>

FileETag None

```

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

# The following expires headers are set pretty far in the future. If you
# don't control versioning with filename-based cache busting, consider
# lowering the cache time for resources such as style sheets and JavaScript
# files to something like one week.

<IfModule mod_expires.c>

    ExpiresActive on
    ExpiresDefault "access plus 1 month"

# CSS
    ExpiresByType text/css "access plus 1 year"

# Data interchange
    ExpiresByType application/json "access plus 0 seconds"
    ExpiresByType application/ld+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/x-icon "access plus 1 week"

# HTML components (HTCs)
    ExpiresByType text/x-component "access plus 1 month"

# HTML
    ExpiresByType text/html "access plus 0 seconds"

# JavaScript
    ExpiresByType application/javascript "access plus 1 year"

# Manifest files
    ExpiresByType application/x-web-app-manifest+json "access plus 0 seconds"
    ExpiresByType text/cache-manifest "access plus 0 seconds"

# Media

```

```
ExpiresByType audio/ogg "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 video/mp4 "access plus 1 month"
ExpiresByType video/ogg "access plus 1 month"
ExpiresByType video/webm "access plus 1 month"
```

Web feeds

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

Web fonts

```
ExpiresByType application/font-woff "access plus 1 month"
ExpiresByType application/vnd.ms-fontobject "access plus 1 month"
ExpiresByType application/x-font-ttf "access plus 1 month"
ExpiresByType font/opentype "access plus 1 month"
ExpiresByType image/svg+xml "access plus 1 month"
```

</IfModule>