```
Options -Indexes -MultiViews +FollowSymlinks

ServerSignature Off

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

# Allow cross-origin access to web fonts.
<IfModule mod_headers.c>
    <FilesMatch "\.(eot|otf|tt[cf]|woff2?)$">
        Header set Access-Control-Allow-Origin "*"
    </FilesMatch>
</IfModule>

# 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 topojson
    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
```

```
AddType  text/cache-manifest                    appcache

# Media files

    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 then 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
```

```apache
    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>

# 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>

<IfModule mod_rewrite.c>
    RewriteEngine On
```

```
        # Set %{ENV:PROTO} variable, to allow rewrites to redirect with the
        # ppropriate schema automatically (http or https).
        RewriteCond %{HTTPS} =on
        RewriteRule ^ - [env=proto:https]
        RewriteCond %{HTTPS} !=on
        RewriteRule ^ - [env=proto:http]
    </IfModule>

    # Redirect from the `http://` to the `https://` version of the URL.
    # https://wiki.apache.org/httpd/RewriteHTTPToHTTPS
    # <IfModule mod_rewrite.c>
    #     RewriteEngine On
    #     RewriteCond %{HTTPS} !=on
    #     RewriteRule ^(.*)$ https://%{HTTP_HOST}/$1 [R=301,L]
    # </IfModule>

    # Option 1: rewrite www.example.com → example.com
    <IfModule mod_rewrite.c>
        RewriteEngine On
        RewriteCond %{HTTPS} !=on
        RewriteCond %{HTTP_HOST} ^www\.(.+)$ [NC]
        RewriteRule ^ %{ENV:PROTO}://%1%{REQUEST_URI} [R=301,L]
    </IfModule>

    # Option 2: rewrite example.com → www.example.com
    # Be aware that the following might not be a good idea if you use "real"
    # subdomains for certain parts of your website.
    # <IfModule mod_rewrite.c>
    #     RewriteEngine On
    #     RewriteCond %{HTTPS} !=on
    #     RewriteCond %{HTTP_HOST} !^www\. [NC]
    #     RewriteCond %{SERVER_ADDR} !=127.0.0.1
    #     RewriteCond %{SERVER_ADDR} !=::1
    #     RewriteRule ^ %{ENV:PROTO}://www.%{HTTP_HOST}%{REQUEST_URI} [R=301,L]
    # </IfModule>

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


# 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 type in order to make Apache serve the file types
# 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>
```

```apache
        AddEncoding gzip                svgz
    </IfModule>

</IfModule>


# 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


# Serve resources with far-future expires headers.
# 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>


<IfModule mod_rewrite.c>
    RewriteEngine On


  # Determine the RewriteBase automatically and set it as environment variable

    RewriteCond %{REQUEST_URI}::$1 ^(/.+)/(.*)::\2$
    RewriteRule ^(.*) - [E=BASE:%1]


  # Filename-based cache busting

    RewriteCond %{REQUEST_FILENAME} !-f
    RewriteRule ^(.+)\.([a-z0-9]{32})\.(bmp|css|cur|gif|ico|jpe?g|js|png|svgz?
|webp|webmanifest)$ %{ENV:BASE}/$1.$3 [L]
</IfModule>


# BEGIN WordPress
<IfModule mod_rewrite.c>
RewriteEngine On
RewriteBase /
RewriteRule ^index\.php$ - [L]
RewriteCond %{REQUEST_FILENAME} !-f
RewriteCond %{REQUEST_FILENAME} !-d
RewriteRule . /index.php [L]
</IfModule>
```

```
</IfModule>

# END WordPress
```