

```
<IfModule mod_headers.c>
# https://github.com/h5bp/server-configs-apache/blob/master/src/security/strict-transport-
security.conf
# Header always set Strict-Transport-Security "max-age=15768000; includeSubDomains;
preload"
    Header always set Strict-Transport-Security "max-age=15768000; preload"

# http://stopmalvertising.com/security/securing-your-website-with-.htaccess/.htaccess-
http-headers.html
    Header set X-Frame-Options SAMEORIGIN
    Header set X-XSS-Protection "1; mode=block"
    Header set X-Content-Type-Options "nosniff"

# https://raymii.org/s/articles/HTTP_Public_Key_Pinning_Extension_HPKP.html
# https://report-uri.io/home/pkp_hash
# Header set Public-Key-Pins "pin-
sha256=\"k1D23nT2ehFDXCfx3eHTDRESMz3asjlmu0+4aIdjiuY=\"; pin-
sha256=\"6331t352PKRXbDwf4xSEa1M517scpD3l5f79xMD9r9Q=\"; max-age=2592000;
includeSubDomains"
    Header set Public-Key-Pins "pin-sha256=\"sPN1QkpU0jxkt/e2TpIEDBFfCRxAbQI607K1en1NtTs=\";
pin-sha256=\"fVZ1U1YWgPZvUe9THLBBeglpNN7LF4HI373EsQhUAdE=\"; pin-
sha256=\"5C8kvU039KouVr152D0eZSGf40njo4Khs8tmyT1V3nU=\"; max-age=2592000;"

# https://scotthelme.co.uk/content-security-policy-an-introduction/
# http://content-security-policy.com/
# Header set Content-Security-Policy "default-src https;; script-src https: 'self'
'unsafe-eval' 'unsafe-inline' *.google-analytics.com ajax.googleapis.com a.discuscdn.com
*.discus.com; connect-src 'self' links.services.discus.com; img-src 'self'
referrer.discus.com *.google-analytics.com a.discuscdn.com; style-src 'self' 'unsafe-
inline' fonts.googleapis.com; font-src 'self' fonts.gstatic.com fonts.googleapis.com;
child-src 'self' discus.com;"
    Header set Content-Security-Policy "default-src https;; script-src 'self' 'unsafe-
inline' 'unsafe-eval' https: *.google-analytics.com ajax.googleapis.com a.discuscdn.com
*.discus.com; style-src 'self' 'unsafe-inline' https: fonts.googleapis.com assets-
cdn.github.com *.twitter.com; img-src 'self' https: referrer.discus.com *.google-
analytics.com a.discuscdn.com *.twitter.com *.twimg.com *.staticflickr.com
*.static.flickr.com; font-src 'self' https: fonts.gstatic.com fonts.googleapis.com;
connect-src 'self' https: links.services.discus.com; child-src 'self' https: discus.com
www.strava.com www.youtube.com player.vimeo.com; upgrade-insecure-requests; block-all-
mixed-content;"
</IfModule>
```

```

</IfModule>
<IfModule mod_rewrite.c>
    RewriteEngine On
    RewriteOptions inherit
    RewriteBase /

    # Skip force www for Akamized links
    # RewriteCond %{HTTPS} !=on
    # RewriteCond %{HTTP_HOST} ^justinrummel.com, edgekey-staging.net$ [NC]
    # RewriteRule ^(.*)$ https://justinrummel.com, edgekey-staging.net/$1 [R=301,L]

    # Forcing 'www' at the beginning of all urls
    RewriteCond %{HTTP_HOST} ^justinrummel.com$ [NC]
    RewriteCond %{HTTP_HOST} !^www.justinrummel.com$ [NC]
    RewriteRule ^(.*)$ https://www.justinrummel.com/$1 [R=301,L]

    # Forcing 'www' at the beginning of all urls
    # https://github.com/h5bp/server-configs-
    apache/blob/master/src/rewrites/rewrite_www.conf
    # RewriteCond %{HTTPS} !=on
    # RewriteCond %{HTTP_HOST} !\.net$ [NC]
    # 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]

    # Forcing HTTPS
    # https://github.com/h5bp/server-configs-
    apache/blob/master/src/rewrites/rewrite_http_to_https.conf
    RewriteCond %{HTTPS} !=on
    RewriteRule ^(.*)$ https://%{HTTP_HOST}/$1 [R=301,L]

    # Getting rid of 'undefined' at the end of urls. Not sure why there are there... but I
    see them in the error_log file
    RewriteCond %{REQUEST_URI} undefined$
    RewriteRule ^(.*)undefined$ $1 [R=301,L]

    # Redirecting old "categories" to tags
    RewriteRule ^(categories)(/)(.*)(/)$ https://www.justinrummel.com/tags/#$3 [r=301,nc]

    # Redirecting anything with /feeds to feedburner
    RewriteRule ^(.*)feeds?$ https://www.justinrummel.com/feeds$1 [R=301,L]

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RewriteCond %{HTTP_HOST} ^.*$
RewriteRule ^feed$ "http://feeds.feedburner.com/vjr" [R=301,L]

# Redirecting anything with /sitemap.xml.gz to sitemap.xml
RewriteCond %{HTTP_HOST} ^.*$
RewriteRule ^sitemap.xml.gz$ "sitemap.xml" [R=301,L]
</IfModule>

# https://raw.githubusercontent.com/h5bp/server-configs-
# apache/master/src/web_performance/compression.conf
# -----
# | Compression |
# -----

<IfModule mod_deflate.c>

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

<IfModule mod_setenvif.c>
  <IfModule mod_headers.c>
    SetEnvIfNoCase ^(\Accept-EncodXngl X-cept-Encodingl 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/rss+xml" \
    "application/vnd.geo+json" \
    "application/vnd.ms-fontobject" \
    "application/x-font-ttf" \
    "application/x-javascript" \
    "font/opentype" \
    "image/svg+xml" \
    "text/css" \
    "text/javascript" \
    "text/plain" \
    "text/xml" \
    "text/xml+rss" \
    "video/x-flv"
</IfModule>

```

```
"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"
```

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</IfModule>
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# -----
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```
# 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>
    AddEncoding gzip          svgz
</IfModule>
```

```
</IfModule>
```

```
# https://raw.githubusercontent.com/h5bp/server-configs-apache/master/src/web\_performance/expires\_headers.conf
```

```
# -----
# | 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
# 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"
```

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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 year"

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>
```