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# Apache Server Configs v2.14.0 | MIT License
# https://github.com/h5bp/server-configs-apache
```

```
# Cross-origin -----
```

```
# Cross-origin images
```

```
<IfModule mod_setenvif.c>
  <IfModule mod_headers.c>
    <FilesMatch "\.(bmp|curl|gif|ico|jpe?g|png|svgz?|webp)$">
      SetEnvIf Origin ":" IS_CORS
      Header set Access-Control-Allow-Origin "*" env=IS_CORS
    </FilesMatch>
  </IfModule>
</IfModule>
```

```
# Cross-origin web fonts
```

```
<IfModule mod_headers.c>
  <FilesMatch "\.(eot|otf|tt[cf]|woff2?)$">
    Header set Access-Control-Allow-Origin "*"
  </FilesMatch>
</IfModule>
```

```
# Errors -----
```

```
# Custom error messages/pages
# ErrorDocument 404 /404.html
```

```
# Error prevention
```

```
Options -MultiViews
```

```
# Internet Explorer -----
```

```
# Document modes
```

```
<IfModule mod_headers.c>

  Header set X-UA-Compatible "IE=edge"

  <FilesMatch "\.
(appache|atom|bbaw|bmp|crx|css|curl|eot|f4[abpv]|flv|geojson|gif|htcl|ico|jpe?
g|jsl|json|ld)?
(=4|5|6|7|8|9|10|11|12|13|14|15|16|17|18|19|20|21|22|23|24|25|26|27|28|29|30|31|32|33|34|35|36|37|38|39|40|41|42|43|44|45|46|47|48|49|50|51|52|53|54|55|56|57|58|59|60|61|62|63|64|65|66|67|68|69|70|71|72|73|74|75|76|77|78|79|80|81|82|83|84|85|86|87|88|89|90|91|92|93|94|95|96|97|98|99|100)$">
```

```

| m4l avj| mani| fest| map| mp4| oex| ogl| agv| opus| ot| p| png| r| rssi| sar| extz| svgz?
| swf| topo| json| tt[cf]| txt| vcard| vcf| vtt| webapp| web[mp]| webmanifest| woff2?| x| ocl| xml| xpi)$">
    Header unset X-UA-Compatible
</FilesMatch>

</IfModule>

# Media types and character encodings -----

# Media types
<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
    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
    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
    AddType image/x-icon cur ico

    # Web fonts
    AddType font/woff woff
    AddType font/woff2 woff2
    AddType font/ttf ttf
    AddType font/otf otf
    AddType font/epub+zip epub

    # Font cache
    AddType application/font-woff2 woff2
    AddType application/font-woff woff
    AddType application/font-ttf ttf
    AddType application/font-otf otf
    AddType application/font-epub+zip epub

    # Font cache
    AddType application/font-woff2 woff2
    AddType application/font-woff woff
    AddType application/font-ttf ttf
    AddType application/font-otf otf
    AddType application/font-epub+zip epub

```

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

```
AddDefaultCharset utf-8
```

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

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

```
</IfModule>
```

```
# Security -----

# File access
<IfModule mod_autoindex.c>
    Options -Indexes
</IfModule>

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

# Server-side technology information
<IfModule mod_headers.c>
    Header unset X-Powered-By
</IfModule>

# Server software information
ServerSignature Off

# Web performance -----

# Compression
<IfModule mod_deflate.c>
```

```

<IfModule mod_setenvif.c>
  <IfModule mod_headers.c>
    SetEnvIfNoCase ^(\Accept-Encoding 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>

<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>  
  
<IfModule mod_mime.c>  
    AddEncoding gzip          svgz  
</IfModule>  
  
</IfModule>  
  
# ETags  
<IfModule mod_headers.c>  
    Header unset ETag  
</IfModule>  
  
FileETag None  
  
# Expires headers  
<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

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

ExpiresByType font/eot "access plus 1 month"

ExpiresByType font/opentype "access plus 1 month"

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

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

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

ExpiresByType font/woff "access plus 1 month"

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

Other

```
ExpiresByType text/x-cross-domain-policy "access plus 1 week"
```

```
</IfModule>
```