Apache httpd configuratie

Settings /etc/httpd/conf/httpd.conf

```
- ServerRoot "/etc/httpd"

- Listen 80

- Include conf.modules.d/*.conf

- User apache
  Group apache

- ServerAdmin root@localhost

- ServerName testserver.lan

- <Directory />
      AllowOverride none
      Require all denied
  </Directory>

- DocumentRoot "/var/www/html"

- <Directory "/var/www">
      AllowOverride None
      # Allow open access
      Require all granted
  </Directory>

- <Directory "/var/www/html">
      #Options Indexes FollowSymLinks
      #AllowOverride None
      Require all granted
  </Directory>

- <IfModule dir_module>
      DirectoryIndex index.html
  </IfModule>

- <Files ".ht*">
      Require all denied
  </Files>

- AddDefaultCharset UTF-8

- IncludeOptional conf.d/*.conf
```

Settings custom-httpd.conf

```
- # Authentication mechanism
  DefineExternalAuth pwauth pipe /usr/bin/pwauth
  DefineExternalGroup pwauth pipe /usr/bin/unixgroup
- <VirtualHost *:80>
      ServerName makkink.eu
      ServerAlias *.makkink.eu
      DocumentRoot /var/www/html
      ErrorLog /var/log/httpd/error_log
      CustomLog /var/log/httpd/access_log combined
      CustomLog /var/log/httpd/wandelen_access_log combined env=wandelen
      CustomLog /var/log/httpd/nbp_access_log combined env=nbp
      CustomLog /var/log/httpd/blog_access_log combined env=blog
  </VirtualHost>
- <Directory /var/www/html>
      Options -Indexes +FollowSymLinks -IncludesNOExec
      <FilesMatch \.php$>
          SetHandler "proxy:fcgi://127.0.0.1:9073"
      </FilesMatch>
      Require all granted
  </Directory>
- <VirtualHost *:443>
      ServerName makkink.eu
      ServerAlias *.makkink.eu
      DocumentRoot /var/www/html
      ErrorLog /var/log/httpd/error_log
      CustomLog /var/log/httpd/access_log combined
      CustomLog /var/log/httpd/wandelen_access_log combined env=wandelen
      CustomLog /var/log/httpd/nbp_access_log combined env=nbp
      CustomLog /var/log/httpd/blog_access_log combined env=blog
      SSLEngine on
  #  SSL ClearOS self-signed certificaat-bestandslocaties
      SSLCertificateFile /etc/pki/CA/sys-0-cert.pem
      SSLCertificateKeyFile /etc/pki/CA/private/sys-0-key.pem
      SSLCACertificateFile /etc/pki/CA/ca-cert.pem
      # No weak export crypto allowed
      SSLHonorCipherOrder on
      SSLProtocol all -SSLv2 -SSLv3 -TLSv1 -TLSv1.1
      SSLCipherSuite ECDHE-ECDSA…etc…:!3DES:!aNULL:!MD5
      SetEnvIf User-Agent ".*MSIE.*" nokeepalive ssl-unclean-shutdown
      downgrade-1.0 force-response-1.0
  </VirtualHost>
- # Access_Logs: Zet 'env' voor paden 'wandelen', 'nbp' en 'blog' vanuit
  # de webroot en geef deze env's een alias (wandelen, nbp en blog)
  SetEnvIf Request_URI "^/wandelen/" wandelen
  CustomLog logs/wandelen_access_log combined env=wandelen
  SetEnvIf Request_URI "^/nbp/" nbp
  CustomLog logs/nbp_access_log combined env=nbp
  SetEnvIf Request_URI "^/blog/" blog
  CustomLog logs/blog_access_log combined env=blog
- # Het e-mail adres waar de server naar toe mailt
  ServerAdmin ben@makkink.eu
- # DirectoryIndex: het bestand dat Apache opent als een dir
  # wordt gevraagd (is in httpd.conf alleen index.html)
  <IfModule dir_module>
      DirectoryIndex index.html index.htm
  </IfModule>
- # Indexering (listing) van bestanden toestaan in download dir
  <Directory "/var/www/html/exploringlinux/download">
      Options +Indexes
  </Directory>
- # Map naar bestanden buiten webroot met een alias en opties
  # Geef toegang voor alleen de hosts op het LAN
  Alias /manuals "/usr/share/doc"
  <Directory "/usr/share/doc">
        Options Indexes
        AllowOverride None
        Require ip 192.168.1.0/24
      # Require all granted
  </Directory>
- # Forceer domein www.makkink.eu naar HTTPS
  <Directory /var/www/html>
        RewriteEngine On
        RewriteCond %{SERVER_PORT} 80
        RewriteRule ^(.*)$ https://www.makkink.eu/$1 [R,L]
  </Directory>
```

Settings /etc/httpd/conf.d/errordocs.conf

```
  # ErrorDocuments directives multilinguale HTTP foutmeldingen
- # Gebruik Alias /error/ voor path van de ErrorDocumenten
  Alias /error/ "/usr/share/httpd/error/"
- # Benodigde permissies en instellingen voor weergave
  <IfModule mod_negotiation.c>
  <IfModule mod_include.c>
      <Directory "/usr/share/httpd/error">
          AllowOverride None
          Options IncludesNoExec
          AddOutputFilter Includes html
          AddHandler type-map var
          Require all granted
          LanguagePriority nl en es de fr
          ForceLanguagePriority Prefer Fallback
      </Directory>
      ErrorDocument 401 /error/HTTP_UNAUTHORIZED.html.var
      ErrorDocument 403 /error/HTTP_FORBIDDEN.html.var
      ErrorDocument 404 /error/HTTP_NOT_FOUND.html.var
  </IfModule>
```

Settings /etc/httpd/conf.d/piwigo.conf

```
    # PIWIGO beveiliging ../pwigo/galleries ipv .htaccess
-   <Directory /var/www/html/piwigo/galleries>
        Require all denied
    </Directory>

-   <Directory /var/www/html/piwigo/_data/i>
     <Files *-la.JPG>
        #  Require all denied
     </Files>
     <Files *-xs.JPG>
         # Require all denied
     </Files>
    </Directory>

    # Voor blokkeren familiewebsite /var/www/html/archief
    # en toegang middels Piwigo Cookie
  - <Directory "/var/www/html/archief">
        Require all denied
        SetEnvIf COOKIE ^GALLERYSID user_logged_in
        Require env user_logged_in
    </Directory>

    # Voor Piwigo beveiliging mbv .htaccess
    # In httpd.conf is AllowOverride naar None gezet
    # Indien gewenst hier toestaan voor Piwigo
  - <Directory /var/www/html/piwigo>
        # AllowOverride FileInfo Options AuthConfig Limit
    </Directory>
```

HTTP directives geplaatst door Apps

/etc/httpd/conf.d/autoindex.conf	weergave van icons bij dir listings door server
/etc/httpd/conf.d/awstats.conf	Awstats App
/etc/httpd/conf.d/BackupPC.conf	BackupPC App HttpAuth
/etc/httpd/conf.d/php.conf	PHP toevoeging autostart index.php
/etc/httpd/conf.d/ssl.conf	SSL virtual host 443
/etc/httpd/conf.d/userdir.conf	Apache option, disabled bij default