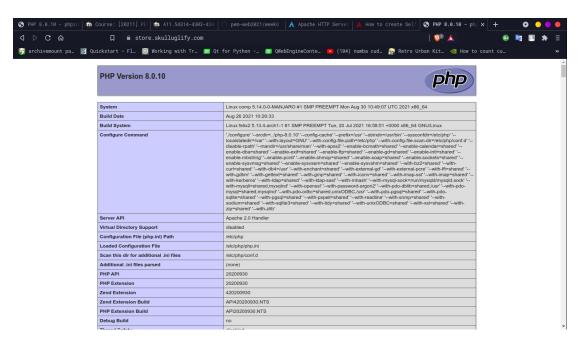
NAMA: AHMAD ASY SYAFIQ

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logs menginstall web server apache plus ssl tervalidate tapi cuman beberapa browser local user, hehehe

untuk git repo https://github.com/111202012411/pem-web2021



platform like unix, distro manjaro web server apache + php

mengunduh depends terlebih dahulu pacman -Syu apache php-apache

membuat folder untuk document root nya sudo mkdir -p /var/local/www sudo chmod o+x /var/local/www/admin sudo hmod o+x /var/local/www/admin

sudo echo "<?php phpinfo(); ?>" >/var/local/www/index.php
sudo echo "<?php phpinfo(); ?>" >/var/local/www/admin/index.php

configure beberapa config didalam /etc/httpd/conf

#vhost, /etc/httpd/conf/extra/httpd-vhosts.conf

<VirtualHost *:80>

ServerAdmin admin@skulluglify.com

DocumentRoot "/var/local/www/admin"

ServerName store.skulluglify.com

ServerAlias www.store.skulluglify.com

Redirect permanent "/" "https://skulluglify.com/"

ErrorLog "/var/log/httpd/www.store.skulluglify.com.error.log"

CustomLog "/var/log/httpd/www.store.skulluglify.com.log" common

</VirtualHost>

<VirtualHost *:443>

ServerAdmin admin@skulluglify.com

DocumentRoot "/var/local/www/admin"

ServerName store.skulluglify.com:443

ServerAlias www.store.skulluglify.com:443

SSLEngine on

SSLCertificateFile "/etc/httpd/conf/server.crt"

SSLCertificateKeyFile "/etc/httpd/conf/server.key"

SetEnvIf User-Agent ".*MSIE.*" nokeepalive ssl-unclean-shutdown

ErrorLog "/var/log/httpd/www.store.skulluglify.com.error.log"

CustomLog "/var/log/httpd/www.store.skulluglify.com.log" common

</VirtualHost>

untuk loaded module php, saya uncomment bagian pada /etc/httpd/conf/httpd.conf LoadModule mpm_prefork_module modules/mod_mpm_prefork.so LoadModule socache_shmcb_module modules/mod_socache_shmcb.so LoadModule rewrite_module modules/mod_rewrite.so Include conf/extra/httpd-ssl.conf

dan menambahkan config berikut pada /etc/httpd/conf/httpd.conf ## <<<php_modules>>> LoadModule php_module modules/libphp.so AddHandler php-script .php Include conf/extra/php_module.conf ## <<<php modules>>>

menambahkan address pada /etc/hosts

127.0.0.1 store.skulluglify.com

membuat CA Certificate dan Certificate pada Server # dengan membuat script genkey cert dan pem secara automatis # shell script beberapa modified

subject="/C=ID/ST=JavaCenter/L=bandarCity/O=skulluglifyOrgz/OU=IT/emailAddress=skulluglify@outlook.com/CN=store.skulluglify.com"

openssl req -x509 -nodes -new -sha256 -days 3650 -newkey rsa:4096 -keyout ca.key -out ca.pem -subj \$subject

openssl x509 -outform pem -in ca.pem -out ca.crt

certutil -d sql:\$HOME/.pki/nssdb -A -t "C,," -n "store.skulluglify.com" -i ca.crt

cat <<EOF >default.conf authorityKeyIdentifier=keyid,issuer basicConstraints=CA:FALSE keyUsage=digitalSignature,nonRepudiation,keyEncipherment,dataEncipherment subjectAltName=@alt_names extendedKeyUsage=serverAuth

[alt_names] DNS.1=store.skulluglify.com IP.1=192.168.1.8 EOF

openssl req -new -nodes -newkey rsa:4096 -keyout store.skulluglify.com.key -out store.skulluglify.com.csr -subj \$subject

openssl req -in store.skulluglify.com.csr -noout -text

openssl x509 -req -sha256 -days 3650 -in store.skulluglify.com.csr -CA ca.pem -CAkey ca.key -CAcreateserial -extfile default.conf -out store.skulluglify.com.crt

openssl x509 -in store.skulluglify.com.crt -text -noout

cat <<EOF >vhost.conf SSLEngine on SSLCertificateFile /etc/httpd/conf/server.crt SSLCertificateKeyFile /etc/httpd/conf/server.key EOF

sudo cp -r store.skulluglify.com.crt /etc/httpd/conf/server.crt sudo cp -r store.skulluglify.com.key /etc/httpd/conf/server.key sudo systemctl enable --now httpd.service sudo systemctl restart httpd.service

dengan menjalan kan script ini maka web server apache berhasil terinstall plus ssl tervalid hanya untuk beberapa browser, untuk test nya tervalid di chrome-google, dan brave, sedangkan microsoft-edge-dev, dan mozilla masih mendapatkan kendala.

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