

Certificat PFX EXTRACTION

Convert a pfx certificate to crt and key files

💬1

Extract private key

```
openssl pkcs12 -in cert.pfx -nocerts -out cert-encrypted.key  
openssl rsa -in cert-encrypted.key -out cert.key
```

The second command removes the requirement to enter the password upon webserver start. Quite useful if you don't want your webserver get stuck with "Enter passphrase" during startup

Extract public key

```
openssl pkcs12 -in cert.pfx -clcerts -nokeys -out cert.crt
```

```
openssl pkcs12 -in cert.pfx -clcerts -nokeys -out cert.crt
```

Generate CA file

```
openssl pkcs12 -in cert.pfx -nokeys -nodes -cacerts -out ca-bundle.crt
```

Usage in httpd config

```
<VirtualHost 192.168.0.1:443>  
...  
SSLEngine                on  
SSLCertificateFile        /etc/pki/tls/certs/cert.crt  
SSLCACertificateFile      /etc/pki/tls/certs/ca-bundle.crt  
SSLCertificateKeyFile     /etc/pki/tls/private/cert.key  
...  
</VirtualHost>
```

