

OpenSSL

Useful commands for OpenSSL

CRLs

Parsing a CRL: `openssl crl -inform DER -text -noout -in mycrl.crl`

PKCS12

Reading a PKCS12 file: `openssl pkcs12 -info -in some_file.p12`

X.509

- Parsing a PEM file: `openssl x509 -text -in some_file -inform pem`
- Download and parse certificate: `echo | openssl s_client -starttls=smtp -connect some_domain.tld:25 2>/dev/null | openssl x509 -text`

Connect with TLS

- Connect to SMTP: `openssl s_client -connect some_domain.tld:587 -starttls smtp`
- Download certificate (HTTPS w/o SNI): `openssl s_client -showcerts -connect some_domain.tld:443 </dev/null`
- Download certificate (HTTPS w/ SNI): `openssl s_client -showcerts -servername some_domain.tld -connect some_domain.tld:443 </dev/null`

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