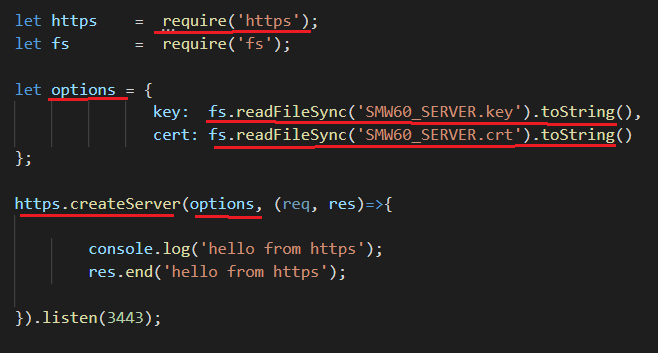
Лекция 22

ПСКП

ПОИТ-3

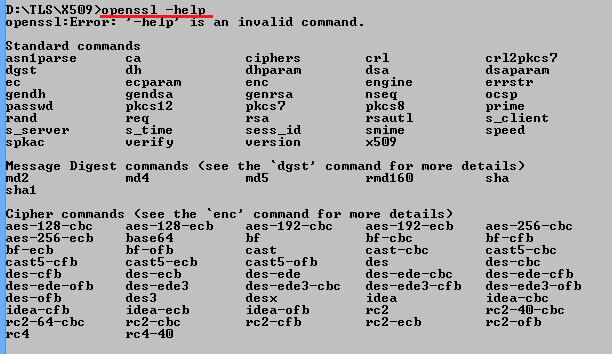
**HTTPS**

1. **HTTPS:** https-модуль, входит в ядро Node.JS

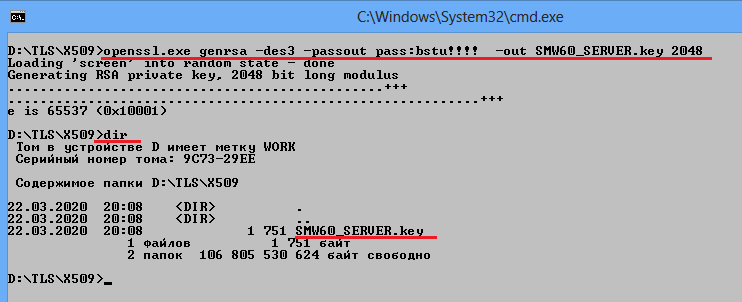
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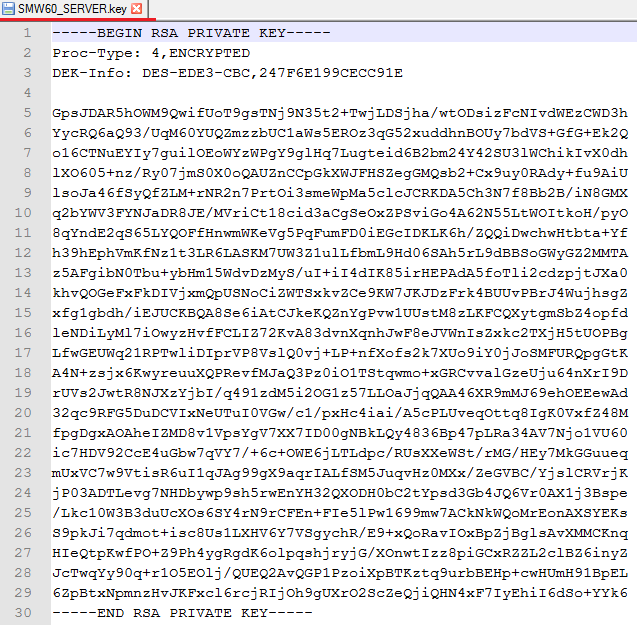
1. **HTTPS:** OpenSSL

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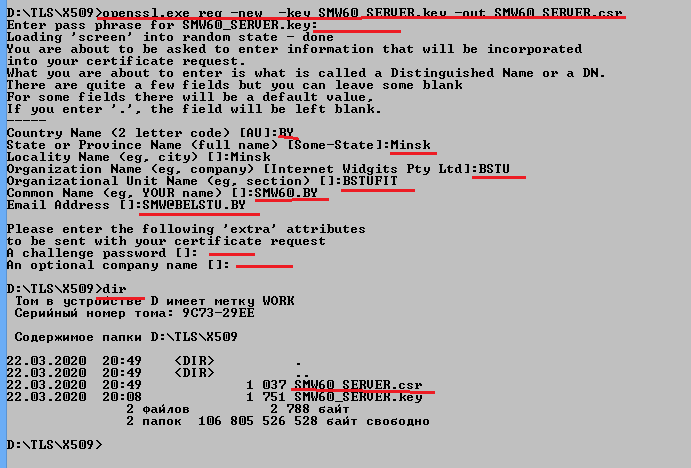


1. **HTTPS:** OpenSSL, генерация приватного ключа





1. **HTTPS:** OpenSSL, генерация запроса для сертификата

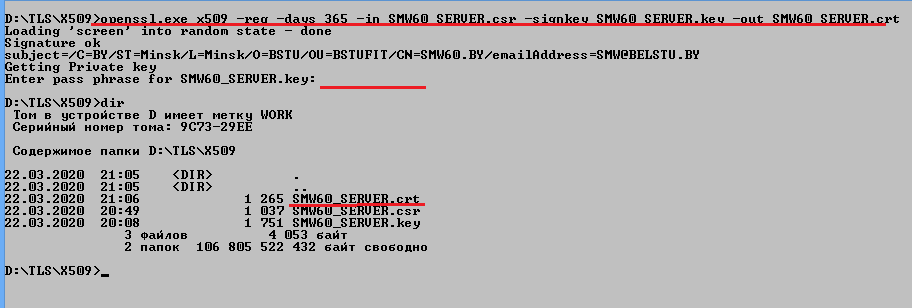




1. **HTTPS:** OpenSSL, переименовать SMW60\_SERVER.key в xSMW60\_SERVER.key и убрать пароль из приватного ключа

*openssl rsa -in xSMW60\_SERVER.key –out SMW60\_SERVER.key*

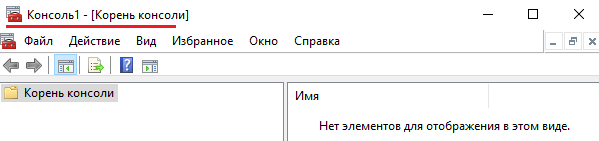
1. **HTTPS:** OpenSSL, генерация X.509-сертификата

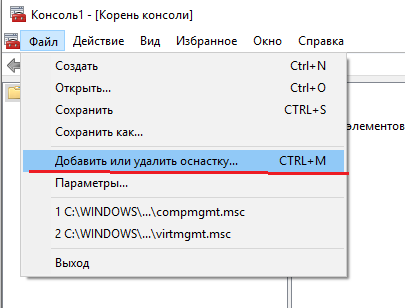


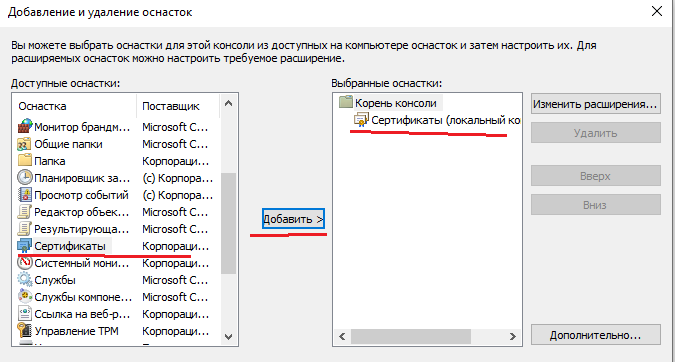


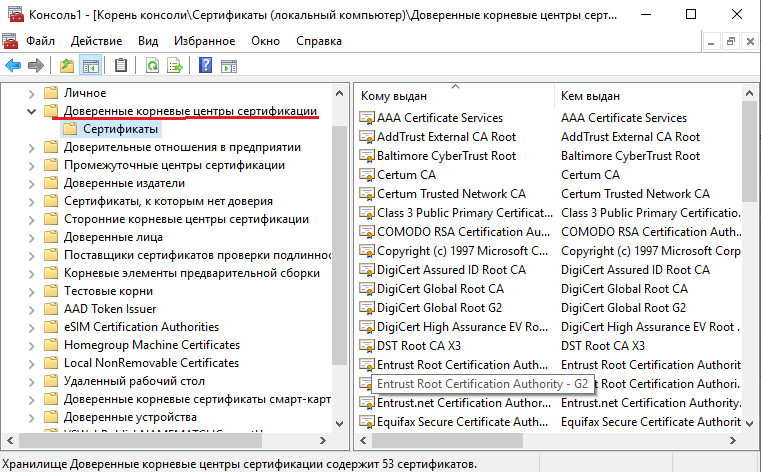
1. **HTTPS:** хранилище сертификатов в Windows.

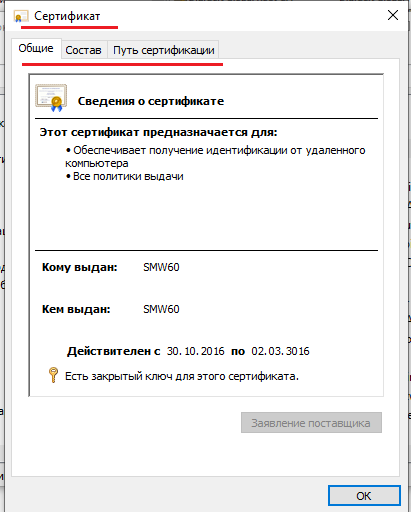


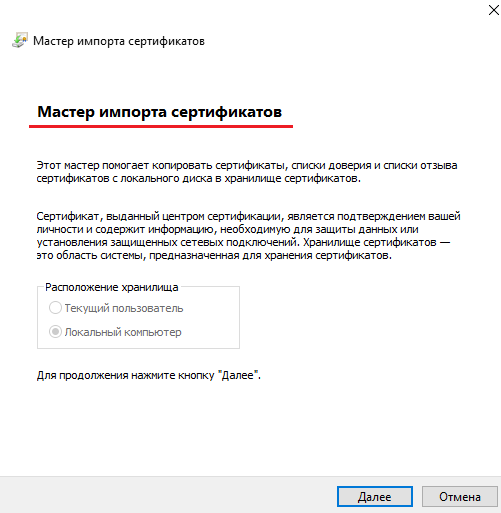




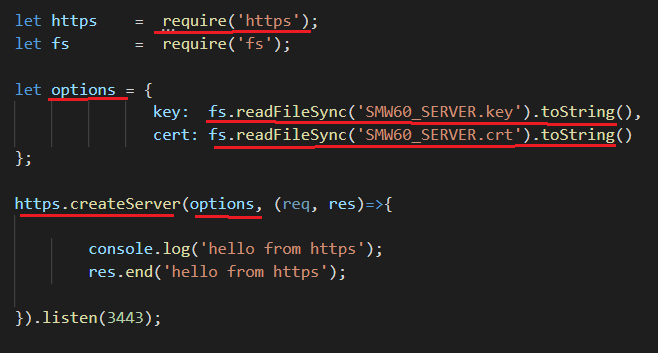


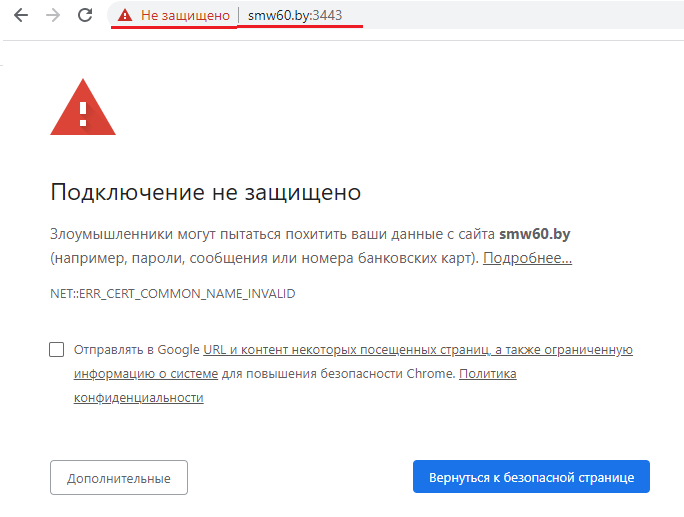


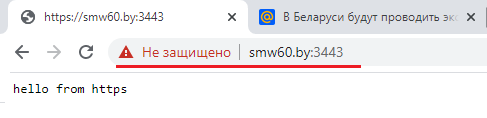




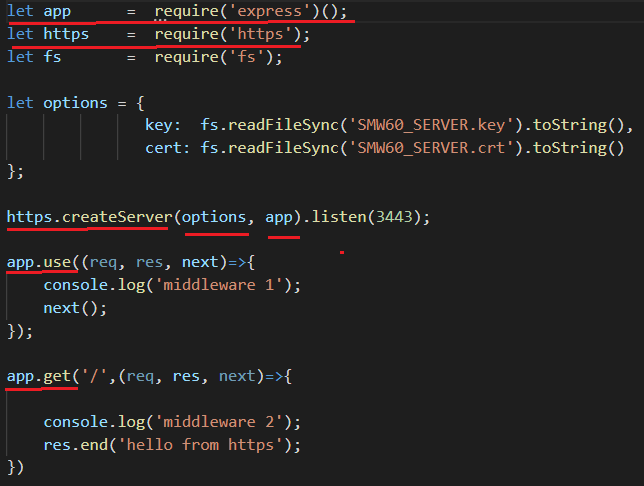
1. **HTTPS:** https-модуль, входит в ядро Node.JS

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1. **HTTPS:** Express

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