

Usable security task 1

DevConf 2016, Brno

Overview

We aim to assess the usability and user experience of OpenSSL command line tool for working with public-key certificates, available documentation and online tutorials. You will be asked to solve a set of tasks using the tool and fill in a short questionnaire. The research should not take more than 30 minutes.

Task

You are working as a software tester. The tested software has an option to "load public-key certificate" you need to test. Your team lead says you should generate your own public key certificate for "user-johny" for testing purposes.

Tools

The team lead advises to use 'openssl', the command line utility provided by OpenSSL.

Resources

During the task you CAN use all common resources: you are free to read documentation, google for examples, browse expert forums on the internet, ...

Usable security task 2

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Overview

We aim to assess the usability and user experience of OpenSSL command line tool for working with public-key certificates, available documentation and online tutorials. You will be asked to solve a set of tasks using the tool and fill in a short questionnaire. The research should not take more than 30 minutes.

Task

You are at work. Your team lead asks you to validate a few certificates you got from your testing partners. These can be found in `/home/vagrant/Documents/certificates-to-validate` and are named `hypnos1-hypnos4`.

Your team lead reminds you not to forget, that except for the standard default certificate authorities you trust also the company internal testing authority (certificate can be found in `/home/vagrant/Documents/certificates-to-validate/ca.pem`).

Tools

The team lead advises to use 'openssl', the command line utility provided by OpenSSL.

Resources

During the task you CAN use all common resources: you are free to read documentation, google for examples, browse expert forums on the internet, ...