

CSPN Target Project

In this project, you are in the shoes of a security assessor in a CESTI (Information Technology Security Assessment Center).

A software editor has contacted your assessment center to obtain a CSPN-type approval for his software. You have been asked to write the security target, a document required before any technical operation

A presentation to the client is planned so that he can validate the target before it is sent to ANSSI

For this you will have to use what you have seen earlier in this class, but you can also take inspiration from the resources provided in this pdf.

Software list

Here is the list of software for which a security target must be written :

1. The disk encryption software [VeraCrypt](#)
2. The firewall software [Pfsense](#)
3. The intrusion detection software [Snort](#)
4. The anti-virus engine [Clamav](#)
5. The secure messenger [Signal](#)

Resources

Here are some online documentations about Security Targets.

- [Criteria for evaluation in view of a first level security certification](#) is an ANSSI documentation about all the criterias for a CSPN evaluation. You can find on pages 5 to 8 informations about what a security target must contain.
- [Introduction and general model](#) from the CC website introduce general concepts and models for the CC evaluation. Annex A gives guidelines for the specification of Security Target.
- [CSPN by exemple](#) from our website introduce how to do a Security Target on an exemple.

Other documentations about CSPN are available [at this URL](#), but the majority is in french.

Examples

All certified products comes with their security targets that can be use as exemple. Here are some products for which the security targets have been written in English :

- [Secure Storage Server](#)
- [Security supervisor](#)
- [Industrial Switch](#)
- [Router](#)
- [embedded software](#)
- [Authenticator for Android](#) (same exists on iOS)
- [Photography authentication](#)

You can also find all the [certified software](#) on the ANSSI website.

From a down to earth perspective

You will work in groups of at most 5 students, one group for each software.

Here is the list of deliverables that are required of you:

- On Wednesday, you will present your work to the whole class (the client) during the afternoon class,
- The deadline for sending us the targets is 1st January 2023 00:00 UTC. Send it by email at thibaut.henin@gmail.com. The document must be in pdf format and contain the names of the members of your group.