TrueCrypt

TrueCrypt has been developed by anonymous developers from 2004-2014 (Latest version 7.2.), since then the project has been stopped, without knowing the details who were the developers, why no continuation of the project by simply correcting past errors, etc.? I think that the report of (Junestam & Guigo, 2014) represents the thesis that TrueCrypt wasn't safe anymore but reading more sources that are trustful, it is reasonable believe that it wasn't that insecure, at least back in 2014 (Fraunhofer, 2015) (Security: in Thirty, 2014). Despite the fact that the used encryption algorithms were sophisticated, it also had the advantage that the source code was open source and therefore transparent to their users (Yegulalp, 2014). However, reading the report from iSEC, some issues really could have been avoided in simply using black-box testing (integer overflow for example). In other words, better cooperation with external parties could have saved the project at that time.

Whether I can recommend using TrueCrypt today? The answer is, it depends. To be clear, TrueCrypt is better than nothing, when you want to protect your sensitive data on a hard disk, USB stick, Chip card, etc. But when you want to improve security, then the successor Veracrypt can be downloaded, which is also open-source, it fixed the known security bugs of TrueCrypt and it is still an ongoing project (i.e. there is always a way to improve things) (Githinji, 2022).

Reference List:

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