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Description of Class Case Study:

Parrot Security OS is an open source and free GNU/LINUX distribution that is made for developers, penetration testers, security researchers, forensic investigators and privacy-aware people. It is based on Debian Testing and ships with MATE as its default desktop environment. It is a customised version of Debian which doesn’t only come with security tools but , It also has pre-installed development, security and anonymity tools like Tor, Tor chat, I2P, Zulu Crypt that are commonly used by developers, security researchers and privacy-concerned people. It can be dual-booted with other operating systems or can be used in virtual environments or docker.

It has separate “Forensics Mode”, in which it doesn’t mount any of the system hard drives or partitions and leaves no effect on host system, making it more stealth than its original mode. This mode is used to perform forensics operations on the host system.Parrot is a worldwide community of developers and security specialists that work together to build a shared framework of tools to make their job easier, consistent, more reliable and secure. Parrot OS, the flagship product of Parrot Security is a GNU/Linux distribution based on Debian and designed with Security and Privacy in mind. It includes a full portable features for all kinds of cyber security operations, from pentesting to digital forensics and reverse engineering, but it also includes everything needed to develop our own software or keep our data secure.