Identify and Discuss 2 Security Technologies

Implementation of security technologies in networks and systems plays a vital role in combating cybercriminals and attacks in the digital world. One of the security technologies is the use of an Endpoint Protection Software like McAfee Enterprise, Symantec Endpoint Protection, etc. This software includes security applications like antivirus, firewalls, intrusion detection and anti-malware tools, that centrally manages and protects an entire network and its endpoints from malicious software and threats such as keyloggers, viruses, trojans, phishing attacks, etc. (Anon, N.D.).

An Endpoint Security Software is deployed to all devices connected to a network so as to remotely control security operations and provide automatic updates of features like:

- Setting-up levels of data access,

- Real-time and manual scanning,

- Protection when web browsing,

- Identification of threats,

- Quarantine or deletion of infected files,

- Alerts and notifications about periodic scan and update,

- Data encryption, Etc.

(Satyabrata, 2020)

It can be adopted by both small and large organizations and the installation, maintenance and manageability period is economical and time-saving.

Another one is the use of Biometric Technology. This includes measuring and analysing a human's physical and behavioural characteristics for authentication so as to

control the access of information, networks and systems. Due to the rise of different usernames, passkeys, logons, etc; more issues like forgetfulness, inaccuracy, stealing and copying of credentials, etc; also arise.

Therefore, the use of a unique and physical attributes such as fingerprints, iris, facial, voice, hand, retina, etc, is the best, easiest and quickest solution to accessing information securely (Newman, 2009).

The disadvantage of biometric is that it is expensive, it has no remote access in case of a breach and the software can malfunction.

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