Topic: Identify and discuss two security technologies and the context in which they can be employed.

There are several technologies that can be employed to protect an organisation from cyber-attacks however, I shall discuss two technologies that can be employed.

Data Loss Prevention

Data loss prevention also known as DLP ensures that sensitive data is not lost, misused, or accessed by any unauthorised personnel. (What is Data Loss Prevention (DLP)? A Definition of Data Loss Prevention, 2022).

This technology is divided into two categories: Enterprise DLP and Integrated DLP. Integrated DLP is limited to email encryption, secure gateways used for emails and secure web gateways while enterprise DLP are packaged for agent software's specifically for desktops and servers, physical and virtual appliances for monitoring networks of an organisation and email traffic for data discovery. (What Is DLP and How Does It Work? | McAfee, 2022).

Security Incident and Event Management System

This technology is involved in invoking alerts when unusual activities are found within the organisations network. This keeps a track of the logs while protecting the organisations network security is not compromised in real time. (Technologies, 2022). There are several advantages of an organisation to deploy a Security Incident and Event Management System (SIEM). The main advantages include.

- Improves organisational efficiency
- AI driven automation
- Detection of advanced and unknown threats such as insider threats, phishing, SQL injections, Distributed Denial of Service (DDoS).

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