## Glossary terms from module 4 Terms and definitions from Course 3, Module 4

**Baseline configuration (baseline image):** A documented set of specifications within a system that is used as a basis for future builds, releases, and updates

Hardware: The physical components of a computer

**Multi-factor authentication (MFA):** A security measure which requires a user to verify their identity in two or more ways to access a system or network

**Network log analysis:** The process of examining network logs to identify events of interest

Operating system (OS): The interface between computer hardware and the user

**Patch update:** A software and operating system update that addresses security vulnerabilities within a program or product

**Penetration testing (pen test):** A simulated attack that helps identify vulnerabilities in systems, networks, websites, applications, and processes

**Security hardening:** The process of strengthening a system to reduce its vulnerabilities and attack surface

**Security information and event management (SIEM):** An application that collects and analyzes log data to monitor critical activities for an organization

World-writable file: A file that can be altered by anyone in the world