Server and Network Security Hardening

Server and network security hardening consists of Operating System Hardening, Hardware Hardening, and Application Hardening. My chosen path in information technology is software development and in my opinion this subset of information technology would be more heavily affected by Operating System Hardening, and Application Hardening than the Hardware Hardening.

Operating system hardening

Operating system hardening is basically applying software and service packs to the whichever operating system that you are running on the server hardware. The concept of Operating system hardening is to close known and unknown security gaps within the operating system via patching removing unnecessary drivers, limiting system access permissions and authenticating that the users that have permissions actually need the permissions, and Encrypting the hard drive or the solid state drive that houses the operating system.