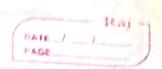
## Modelle 4

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What you'll learn · security hardening · Os hardening · Network hardening practices · Cloud network hardening Where security hardening Network · Application · Cloud inferastructure Security analyst Responsibility Patch updates · Brekeps a system to reduce its of strengthening and attack surface Attack Surface: All potential of volnerablity. Shat a threat actor could exploit Penetration Test: A simulated attack that helps
identify vulnerablity in system, retwork
website applications and processes



## OS hordening

Operating System (OS).
The interface between computer hardware and the

Patch update
A software and operating system update that
addresses security vulnerably within a program
or product or product

Baseline configuration (baseline image)
A documented set of specification within a system that
is used as a basis for future birther, neleases and
updates

Molti-factor authentication CM 7 A)
A security measure which requires a vier to
verify their identity in two or more ways to
access a system or network

Calegories of moltifactor

Something you know

Something you have

Something unique about you

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Nelwork hardening bearlice Nelwork Security hardening Port filtering Nelwork access privilege Encryption Firewall rules maintenance Network log analysis
Patch updates Server backups Network log analysis
The process of escamining network logs to iduly
events of interest Security Information and Event Management (S181) An application that collects and analyzes log data to monitor critical activities in an organization Port filtering
A forewall function that blocks or allows certain part numbers to limit unwanted communication

A collection of servers on competer that store. that can be accessed in the internet loss network