

# PROJECT / Security in TCP/IP Networks

## Sureté

### Main Objective:

Investigation of several issues related with the security of TCP/IP, namely: (i) Intrusion Detection Systems (IDS) and Honey Pots, (ii) security in routing protocols, (iii) security in wireless LANs (IEEE 802.11), (iv) firewalls and traffic analysis systems, (v) IPSec and VPNs, (vi) public key cryptography, digital certification and PKIs, (vi) tools for auditing, vulnerability analysis, and log analysing, (vii) authentication and confidentiality at the application level, (viii) anti-virus systems.

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