Université Polytechnique HAUTS-DE-FRANCE

Security management

ECTS
4 crédits

Composante
INSA Hauts-de-France, UPHF

Présentation

Description

Goal : Leveraging on the symmetric and asymmetric cryptographic algorithms this module will provide the main protocols and techniques implemented on existing and future networks. Last but not least, one course has been allocated for addressing network security management.

List of subjects to be presented to the students :

Introduction to network security (risks, attacks, statistics, etc.)
Passive vs Active attacks and security.
Authentication and authorization: basic, OTP, OAuth, SSO, etc.
Identity Management and key management.
Certification.
PKI, Blockchain/DLT.
Attacks, pentesting, and protection measures

Informations non contractuelles.
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