William Prado 05/05/2025

Week 5 Networkt Monday 5901 Security Concepts Alforithm # MOS / SHA Dictionary Brute Force Rainbow attack OSYM METRICS SKEY RC5, AGS, 3DES, Confidentiality A Gymmetrics I ntegrity A vailability Non-repudiation

Risk likelihard-result of a susseesful exploitation.

Threat parameter event

Unline while! gero-pay Vulnerability weak ness Likelihood How many times? ", probability & Impact high/med/Low \$\$\$ Types of Security Assessments. Correliance Audits compliance = "Laws"/Regs"

Risk-Based Wdits Risk = threat-harmful event +echnical Audits Regulatory Compliance
General Dota Protection Regulation (GDPR)
GDPR = EV privacy Law Payment Card InDustry Data Security Standard (PCIDSS) PCIDSS = credit card. Security Controls: "Counter measures" Criptographic Concepts.

# North

- "Integrity"

- Non-reversable, fite size

Willian Frado William Vieta 05-05-2025 5,806/30/50 Week 5 Net+ hashing-used to validate information.
encryption-used to protect susitive information Confidentiality
Hash algorithm converter

RCY
RCY
RCS ISSUES IN THE CONVERTED TO THE PARTY OF TH Dy munetric Key - "Single" Key and Change aurily ? Flebes Malioure Youtube too hash funtion work? Classroom lash Algorithm Block Cupliers - Symmetric Key Encryption Block Cyphers Symmetric key encryption lets people hide tretrieve. secret messages, while hashing is used to check t vetify information without revealing it. Strong , Public Key Encryption. two different keys are used. Zero day avlnerabilities. Zero day attacks. cve mitre org yrB Homey pots & Honey ruts. footprint 9.2 - Threat Types of Assessments. phonett email address pomain name - Nation-State - Tuteraal threat. - Envineration stataches about target footprinting non-introsive finger printing-introsive TITLE SUPPLY

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Foot print \ Enumeration. Finger print - Distributed DOS Attacks & Botnets. DOS = availability & xodory as how confirms DOOS = Dos on Steroids Botness remaining the most a west Malware Kansonware Fileless Malware Spooling Attacks Spoofing MAC Spoofing Il Spooling
ARP spooling (arp cache poisining)
Email spooling On tach Affacks - MiTM = man in the middle Attacker Session Hijacking SSL Stripping DNS Spoofing Wi-fi Eavesdropping ARP Spoofing MAC Flooding VLAM Hopping Double taggin

MARITIME

Willian Prado 05-05-2025 william from 904 Roque Devices Kague Devices & Services VShadow IT" - Vindetect ed presence - Back-door access - network vulnerability exportation - Roque DHCP Server Attacks - distribute invalid configuration - traffic redirection DNS Affacks -disrupted service - domain hijeking - cache poisinong. Social Engineering hacking the homan Impesonation Phishing Shoulder Surfing Dumpster Diving Tailgating no consent Rigg ybacking consent Yassword Attacks Password capture Password bash caacking
- Dictionary
- Brute force