

Cyber Learning Resources

NIST CSF: <https://www.nist.gov/cyberframework>

Threat Actor Descriptions at MITRE ATT&CK: <https://attack.mitre.org/groups/>

Nmap & Nessus cheat sheet - <https://www.comparitech.com/net-admin/nmap-nessus-cheat-sheet/>

Netstat quick reference - <https://quickref.me/netstat>

Josh Madakor Nessus Tutorial <https://www.youtube.com/watch?v=IT6Px9zJM3s>

What is Pentesting, article by Imperva: <https://www.imperva.com/learn/application-security/penetration-testing/>

FTC Phishing Quiz - <https://www.ftc.gov/business-guidance/small-businesses/cybersecurity/quiz/phishing>

FTC Tech Support Scams Quiz - <https://www.ftc.gov/business-guidance/small-businesses/cybersecurity/quiz/tech-support-scam>

Hashing Algorithms and Security – Computerphile: <https://www.youtube.com/watch?v=b4b8ktEV4Bg>

Khan Academy: The Need for Encryption: <https://www.khanacademy.org/computing/computers-and-internet/online-data-security/data-encryption-techniques/a/the-need-for-encryption>

Public Key Cryptography – Computerphile: https://www.youtube.com/watch?v=GSIDS_lvRv4

A useful description of Kerberos and its significance <https://www.simplilearn.com/what-is-kerberos-article>

IBM Overview of IAM concepts <https://www.youtube.com/watch?v=aNj36g7fSsU>

For learners with a deep interest in learning network administration, Cisco’s Packet Tracer emulator is great. <https://www.netacad.com/courses/packet-tracer>

A series of videos describing important networking concepts <https://www.youtube.com/@PracticalNetworking/playlists>

The free <https://app.diagrams.net/> diagramming tool can be useful to create diagrams

“What is VPN and How Does IT Work” <https://www.youtube.com/watch?v=wQTRMBAvzg>

“Internet of Things Security | Ken Munro | TEDxDornbirn” <https://www.youtube.com/watch?v=pGtnC1jKpMg>

What is Mobile Device Management? <https://www.youtube.com/watch?v=Cq6cg8S7q1M>

OWASP Top Ten <https://owasp.org/www-project-top-ten/>

“Defending Against Common Types of Web Application Attacks” <https://www.mimecast.com/blog/web-application-attacks/>

Interactive map of Azure global infrastructure <https://infrastructuremap.microsoft.com/explore>

Cloud Security Alliance <https://www.cloudsecurityalliance.org>

Privacy vs Confidentiality vs Security: What's the Difference?

<https://edtechmagazine.com/higher/article/2019/10/security-privacy-and-confidentiality-whats-difference>

“7 Data Loss Prevention Best Practices (Expert Explains) | PurpleSec”

<https://www.youtube.com/watch?v=-Jpec7tOQgM>

“World's Biggest Data Breaches & Hacks” <https://informationisbeautiful.net/visualizations/worlds-biggest-data-breaches-hacks/>

“Targeted attack: The Game” <http://targetedattacks.trendmicro.com/index.html>

“Understanding digital forensics process techniques and tools”

<https://www.bluevoyant.com/knowledge-center/understanding-digital-forensics-process-techniques-and-tools>

An overview of hashing in digital forensics is available at <https://forensicsdigest.com/hashing-and-data-imaging>

“Cybersecurity Risk Management” <https://www.imperva.com/learn/data-security/cybersecurity-risk-management/>

“An Introduction to Configuration Management”

<https://www.digitalocean.com/community/tutorials/an-introduction-to-configuration-management>

“Cyber & Physical Security: Why You Need Both” <https://www.compassitc.com/blog/cyber-physical-security-why-you-need-both>