

List of URLs

00_03 Preparing for the CCNA exam

- See the objectives of the CCNA exam: https://www.cisco.com/c/dam/en_us/training-events/le31/le46/cln/marketing/exam-topics/200-301-CCNA.pdf

01_01 Providing security services

- See how data looks when its encrypted: <http://atom.smasher.org/pgp/>
- View an internet security glossary: <https://tools.ietf.org/html/rfc2828>

01_03 Describing SIEM technology

- View an image of a network: http://www.cisco.com/c/dam/en/us/td/i/200001-300000/290001-300000/295001-296000/295528.eps/_jcr_content/renditions/295528.jpg

01_04 Learning security terms

- View a glossary of security terms: <https://www.sans.org/security-resources/glossary-of-terms/>

01_05 Staying informed

The following are a list of organizations that will help your career:

- Mitre: <https://www.mitre.org/>
- SANS: <https://www.sans.org/>
- Center for Internet Security (CIS): <https://www.cisecurity.org/>
- (ISC)2: <https://www.isc2.org/>
- OWASP: <https://www.owasp.org/>
- CERT Division: <http://www.cert.org/>

01_06 Securing network domains

- Review the structure and format of ISO/IEC 27002: www.iso27001security.com/html/27002.html

01_08 Challenge: Create a security policy

- View guidelines on creating a security policy: <https://www.sans.org/information-security-policy/?msc=main-nav>

01_09 Solution: Create a security policy

- View guidelines on creating a security policy: <https://www.sans.org/information-security-policy/?msc=main-navd>

02_01 Reviewing security services

- At any given time, cyberattacks threaten the security of our data. See a live cyber threat map: <https://threatmap.checkpoint.com/ThreatPortal/livemap.html>

02_03 Social Engineering

- Test yourself with this online phishing test: <https://www.sonicwall.com/en-us/phishing-iq-test-landing>

02_04 Identify malware

- See how quickly tens of thousands of computers were infected with ransomware: <https://nyti.ms/2r9WifE>

02_06 Challenge: Understanding botnets

- For this challenge, view a map of live botnet threats worldwide: <https://www.spamhaustech.com/threat-map/>

Answer the following: What is a Command & Control botnet server? What are zombies?

02_07 Solution: Understanding botnets

- To help answer the questions on botnets: <https://blog.malwarebytes.com/cybercrime/2015/02/the-facts-about-botnets/>
- To help answer the question on a Command & Control server: <https://www.secpod.com/blog/command-and-control-servers-things-you-should-know/>

03_03 Asymmetric encryption

- Visit <https://www.igolder.com/pgp/encryption/> to see what text looks like when it's encrypted.

03_04 Hash algorithms

- Learn more about hash functions: <https://csrc.nist.gov/projects/hash-functions>
- Generate your own SHA256 hash: <https://passwordsgenerator.net/sha256-hash-generator/>

04_05 Securing a virtual environment

- View the cost of storage over time: <http://www.mkomo.com/cost-per-gigabyte-update>

04_06 Challenge: Cost of a data breach

- Get an idea of the cost of a data breach: <https://www.ibm.com/security/digital-assets/cost-data-breach-report/#/>
- Mini Data Breach Cost Calculator: <https://eriskhub.com/mini-dbcc>

04_07 Solution: Cost of a data breach

- Get an idea of the cost of a data breach: <https://www.ibm.com/security/digital-assets/cost-data-breach-report/#/>
- Mini Data Breach Cost Calculator: <https://eriskhub.com/mini-dbcc>

05_01 Next steps

Thank you for watching.

If you're interested in learning more, check out the IT segment of the LinkedIn Learning library, where new courses are added all the time.

- It's well worth your time to check out any course in the *Ethical Hacking* series
- If you want to learn more about encryption, check out my course *Learning Cryptography and Network Security*
- You might want to see what my colleague Malcolm Shore has for you on his homepage

Keep learning! I hope to see you again soon.