Section 3: Week 8: Integrating Strategic Cybersecurity

Nate Bachmeier

TIM-8301: Principals of Cybersecurity

May 23rd, 2020

North Central University

# Integrating Strategic Cybersecurity

1. Setting the stage
   1. What is Cybersecurity
      1. AAA and CIA
   2. How does security enable the business
   3. Applying a framework to security
      1. Identify, Protect, Assess, Repeat
2. What are we protecting
   1. People
   2. Processes
   3. Products
   4. Information
   5. Customers
3. Who are we protecting against
   1. Negligence
   2. International actors
   3. Hackers/Hactivist
4. How are they attacking us
   1. Ransomware
   2. Malware
   3. Zero Days
   4. Spear-fishing
5. Where are they attacking from
   1. Globalization
      1. Soverenty
      2. Espionage
      3. Sabotage
   2. Abstract Borders
   3. Influences of Cloud and XaaS
   4. IoT
6. Prioritizing Risk Management
   1. Finite resources
   2. Agile adoption of new defenses