Section 1: Week 3: Global Security Risk

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# Global Security Risks

1. Choose the organization
   1. Ride-Me the ride-hailing app, billion-dollar valuation
   2. Domestically strong and seeking international growth
   3. Competitors like Uber, Lyft, and Google
2. Section I: Understanding Risk
   1. Risks from the International community
      1. Espionage
         1. (Banks, 2017) Banks – CyberEspBeyondMedia
         2. (Erickson & Neilson, 2018)Erickson - manufactures
      2. Sabotage
         1. (Fischerkeller & Harknett, 217)Fischerkeller – Deterrence
         2. (Matsubara, 2014)Matsubara – CounteringCyber
   2. Process for establishing risk
      1. Geography
         1. (Moss, 2019)Moss Blackhat
         2. (Inkster, 2015)Inkster ChinaCyberPower
      2. National Sovereignty
         1. (Fischerkeller & Harknett, 217)Fischerkeller – Deterrence
         2. (Kovacs.1, 2018)Kovac – PolicyStrategyEuropean
         3. (Kovacs.2, 2018)Kovacs Cornerstone
      3. Legal Challenges
         1. (Emilio, 2018)Emilio – ChinaWarefare
         2. (Kovacs.1, 2018)Kovac – PolicyStrategyEuropean
         3. (Matsubara, 2014)Matsubara – CounteringCyber
         4. (Emery, 2017) – zero-day regulation
   3. Threats
      1. Transparency, Compliance/Regulation
         1. (Erickson & Neilson, 2018)Erickson CyberSecManufacturing
      2. State-sponsored actors
         1. (Kovacs.2, 2018)Culture (public v private) – Kovac Cornerstone
         2. (Inkster, 2015)Inkster - ChinaCyberPower
      3. Zero-day attacks
         1. (Emery, 2017)Emery zero-day
         2. (Erickson & Neilson, 2018)Erickson – Manufacturing Ransomware
3. Section II: Mitigating Risk
   1. People
      1. (Erickson & Neilson, 2018)Erickson – ownership, top-down mandates
   2. Process
      1. (Busdicker & Upendra, 2017)Busdicker; Upendra Medical Devices
   3. Products
      1. (Banks, 2017) be more like isis and encrypt
      2. (Choi, 2017)Choi QuantumNetworking
4. Section III: Budgeting Resources
   1. What does it take/cost
      1. (Fischerkeller & Harknett, 217)Fischerkeller – Deterrence
      2. (Busdicker & Upendra, 2017)Busdicker – awareness training
      3. (Emilio, 2018)Emilio – ChinaWarefare meet on battlefronts
5. Conclusion