The DarkNet from the Angle of Global Security Issues
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Introduction
Tor

- “The Onion Router”
- Invented in the mid-1990s by NRL employees
- Original purpose of protecting U.S. intelligence communications online
- Routes traffic to dark web sites through layers of encryption to allow for anonymity
- https://www.bbc.co.uk/
  http://bbcnewsv2vjtpsu.onion
Dark Web Marketplaces

- Seized sites: Silk Road, AlphaBay, etc.
- Existing sites: Empire Market, Apollon Market, Cannazon Market, DarkMarket, BMG, etc.
Case Study
Drones Terror Scenario

- Terrorists flying drones to spread highly radioactive material over a civilian area
Real cases

- California man arrested for purchasing chemical substance to kill his wife
- North Carolina man arrested for purchasing radioactive substance to kill an unnamed person
Next Steps

- Monitor and use forums
- Research items on NSG Part 1 “Trigger List”
- Research items on NSG Part 2 “Dual-use List”
Sources

- http://zqktlwiuuvvvqtt4ybvgvi7tyo4hjl5xqfuvpdf6otjicycwqby2gad.onion/wiki/index.php/Main_Page#Commercial_Services
- https://www.thejournal.ie/iaa-warning-over-drone-use-4911064-Nov2019/
Thank you!