Research Spotlight Forum

8.6.19 Cybersecurity

Cybersecurity - The Intern Perspective

PRESENTED BY:

Michael Reeves, 9315, mreeve@sandia.gov, (reeves17@purdue.edu)

Sandia National Laboratories is a multi-mission laboratory managed and operated by National Technology and Engineering Solutions of Sandia LLC, a wholly owned subsidiary of Honeywell International Inc. for the U.S. Department of Energy's National Nuclear Security Administration under contract DE-NA0003525.
SAND2019-9220 PE

Michael Reeves

- Sandia:
  - Critical Skills Masters Program (CSMP): 9315 Cyber Security Initiatives
- Purdue:
  - Graduated May 2019 Purdue CS undergrad
  - Purdue Masters CS Fall 2020
  - Resident Assistant
  - Sandia SENSE
  - Purdue CCDC team (Collegiate Cyber Defense Competition)

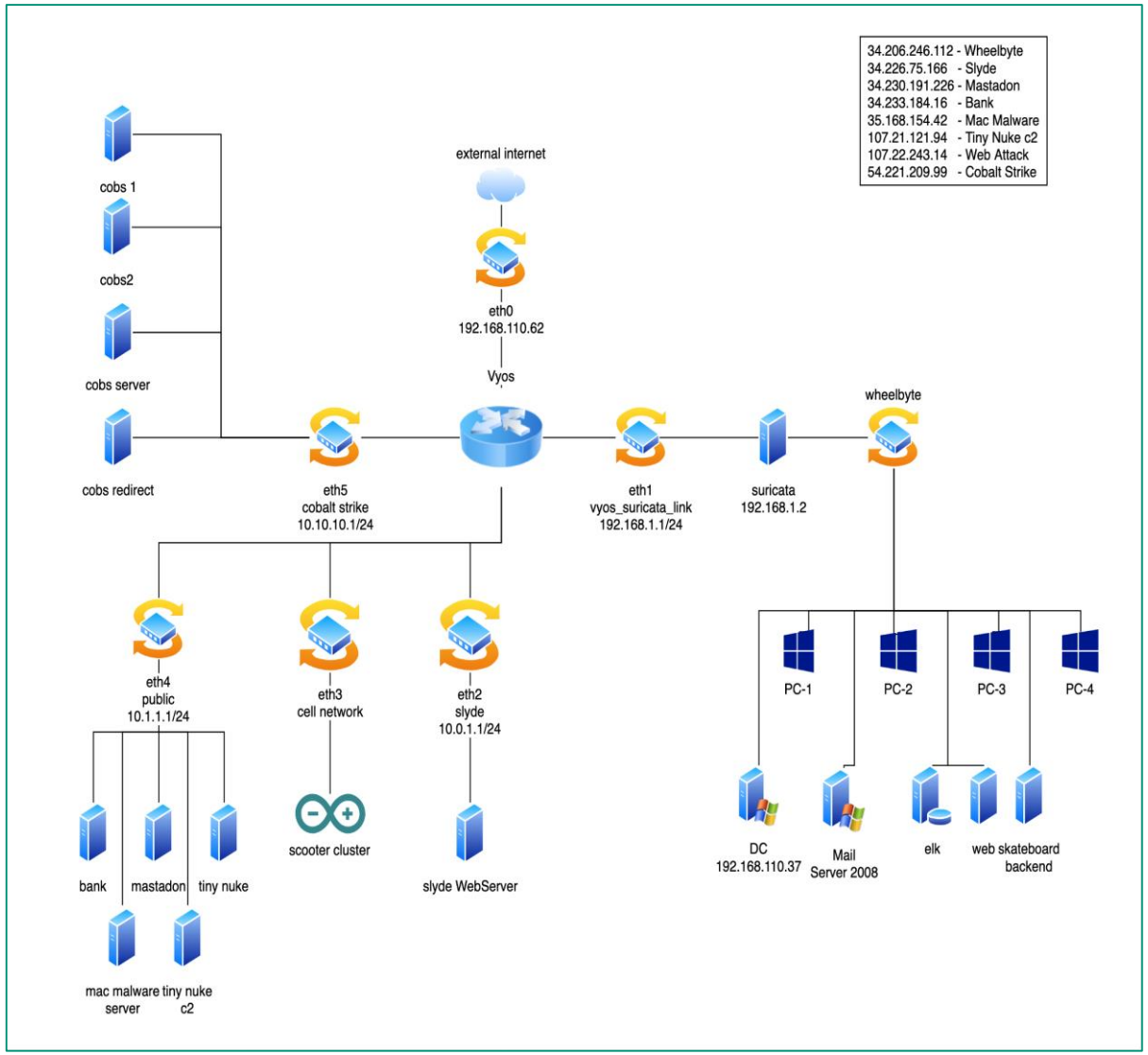
Keywords:

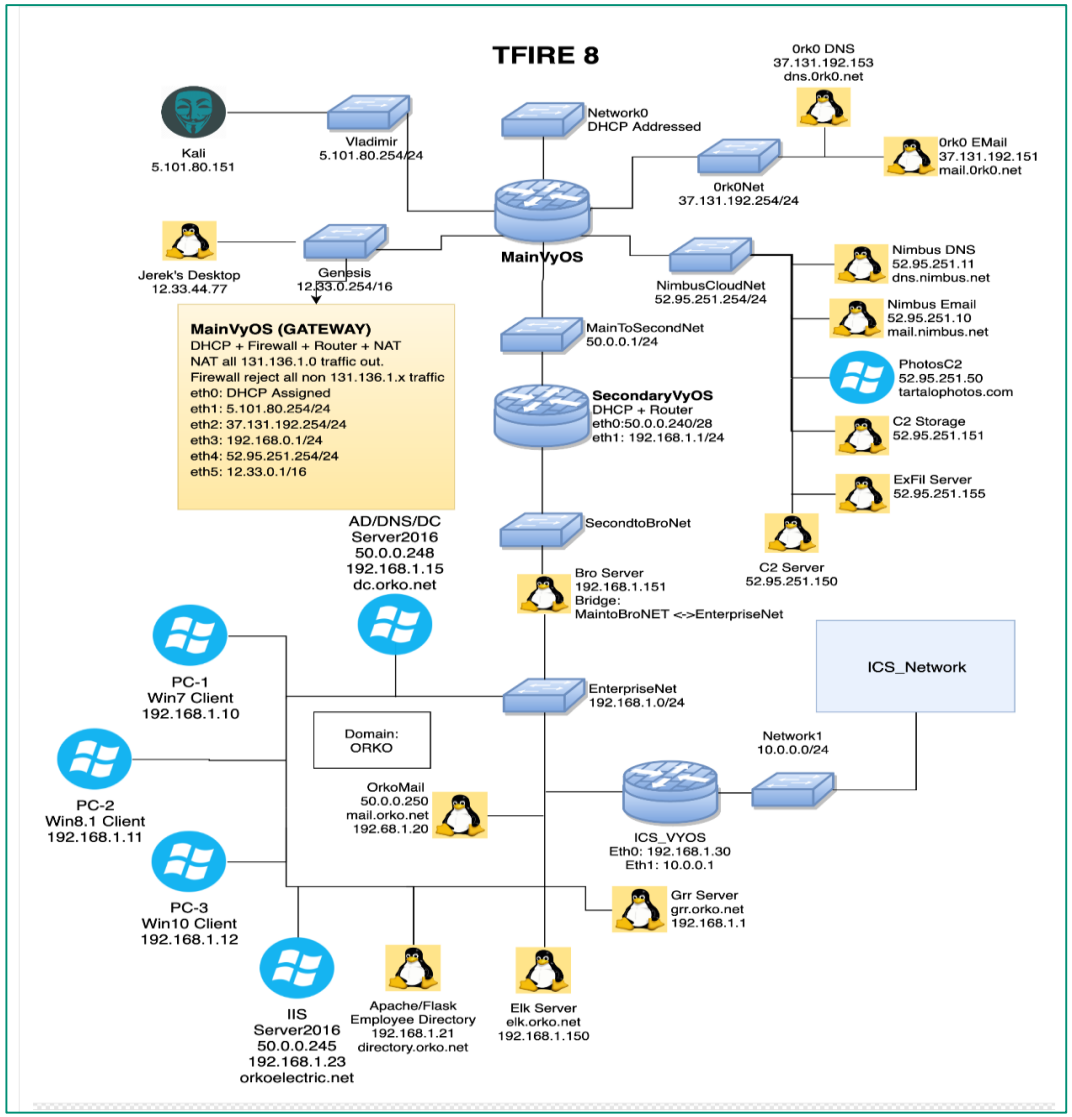
Virtualization, Networking, Security

OVERVIEW OF INTERNSHIP AT SNL

- 2 years Sandia Center for Cyber Defenders (CCD)
  - Exposure to upper management
  - Networking Opportunities
  - Tours
  - Tech Talks and workshops
- Projects:
  - Tracer FIRE
  - Kernel Module Testing framework
  - Memory Analysis Tool creation

Tracer FIRE networks





Outside of Work

- Outside of work:
  - Breweries and Food
  - Climbing and adventures
  - Meow Wolf, Museums and other attractions
  - Volunteering events

Questions?