Honeypot

- CEG 6430/4430 Cyber Network Security
- Junjie Zhang
- junjie.zhang@wright.edu
- Wright State University

Honeypot

A honeypot is a (intentionally) flawed system to attrack attacks.



Honeypot

A honeypot mimics a real system by

- being a real system.
 - stealthy
 - resource-intensive
- emulating a real system.
 - less stealthy
 - resource-efficient

Types

- Email traps
- Decoy web servers or database
- Operating systems
- Spider honeypot

Pros and Cons

- (+) Expose (new) attacks
- (+) Collect data
- (-) Does not stop attacks
- (-) May backfire (make sure your configuration is correct)



Resources

Honeynet
HoneyMonkey
IoT Honeynet