

# Cybersecurity Research Acceleration Workshop and Showcase

October 11, 2017 | Indianapolis, IN

## Quad Chart for: Analysis, Partitioning, and Mapping Tools for Large Experiments

### Challenge:

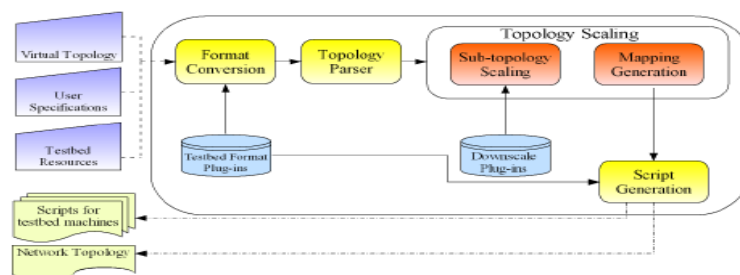
How to conduct *large-scale* and *high fidelity* network experiments?

### Solution:

Pre-process a large experimental network scenario to produce smaller experiment(s) where each experiment is mapped onto a selected platform and resources.

### Approaches:

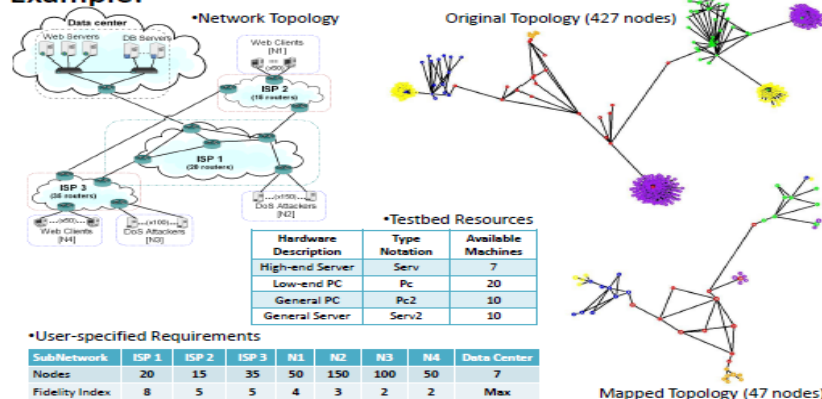
Reduce the size of network experiments; Partition experiments; Profile available resources; Intelligently map experiments onto platforms, resources, and virtualization technologies.



### Value proposition:

Enable Internet-scale experiments and emulation to test and evaluate protocols, applications, and defenses against large-scale attacks.

### Example:



### What we need to TTP

- Integrate and use the software with different network testbeds and network emulators, e.g., mininet, DETER.

### Contact us

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