

Cybersecurity Research Acceleration Workshop and Showcase

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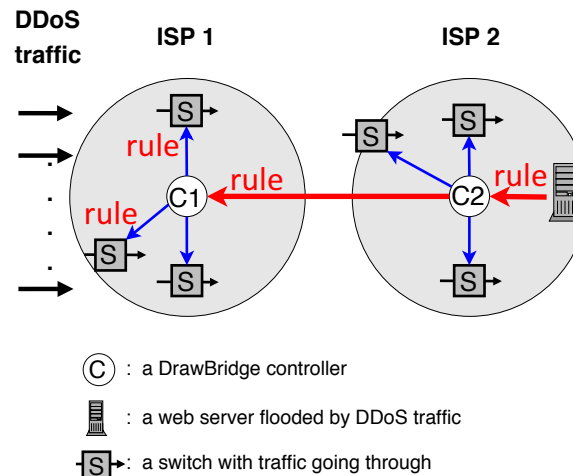
Quad Chart for: (DrawBridge 2.0—Bringing Software-Defined DDoS Defense To Practice)

Challenge:

Need many Internet service providers to adopt DrawBridge and build a collaborative defense of distributed denial-of-service (DDoS).

Solution:

- Collect real-world input from potential DrawBridge adopters and subscribers
- Enhance DrawBridge code with more modules toward real settings
- Stress test DrawBridge on a designated subnet and GENI
- Test and improve user experience with UONet
- Experiment with DrawBridge and two ISPs—UONet and NERO
- Experiment with DrawBridge and multiple ISPs—UONet, NERO, Internet2, and others



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Value proposition:

- DrawBridge empowers DDoS victims to dictate what traffic can or cannot be delivered to them
- With a minimum number of highly effective rules generated on the fly by observing incoming DDoS traffic,
- And then placed at selected locations inside the DrawBridge network

What we need to TTP

- DrawBridge adopters to run DrawBridge service
- DrawBridge subscribers to sign up to be protected from DDoS
- Develop and execute a business plan
- Your feedback and comments

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