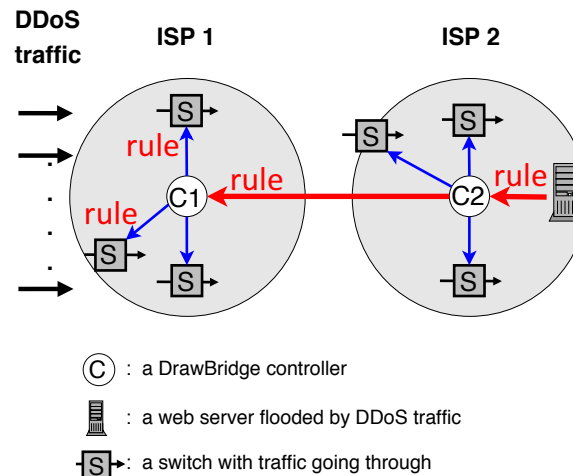# **Quad Chart for:** (DrawBridge 2.0—Bringing Software-Defined DDoS Defense To Practice)

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

Ⓒ : a DrawBridge controller

▦ : a web server flooded by DDoS traffic

⬓S⬓ : a switch with traffic going through

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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