## **Network Design for Security using Protocol Trust Boundary Observations**

## UNIVERSITY of HOUSTON

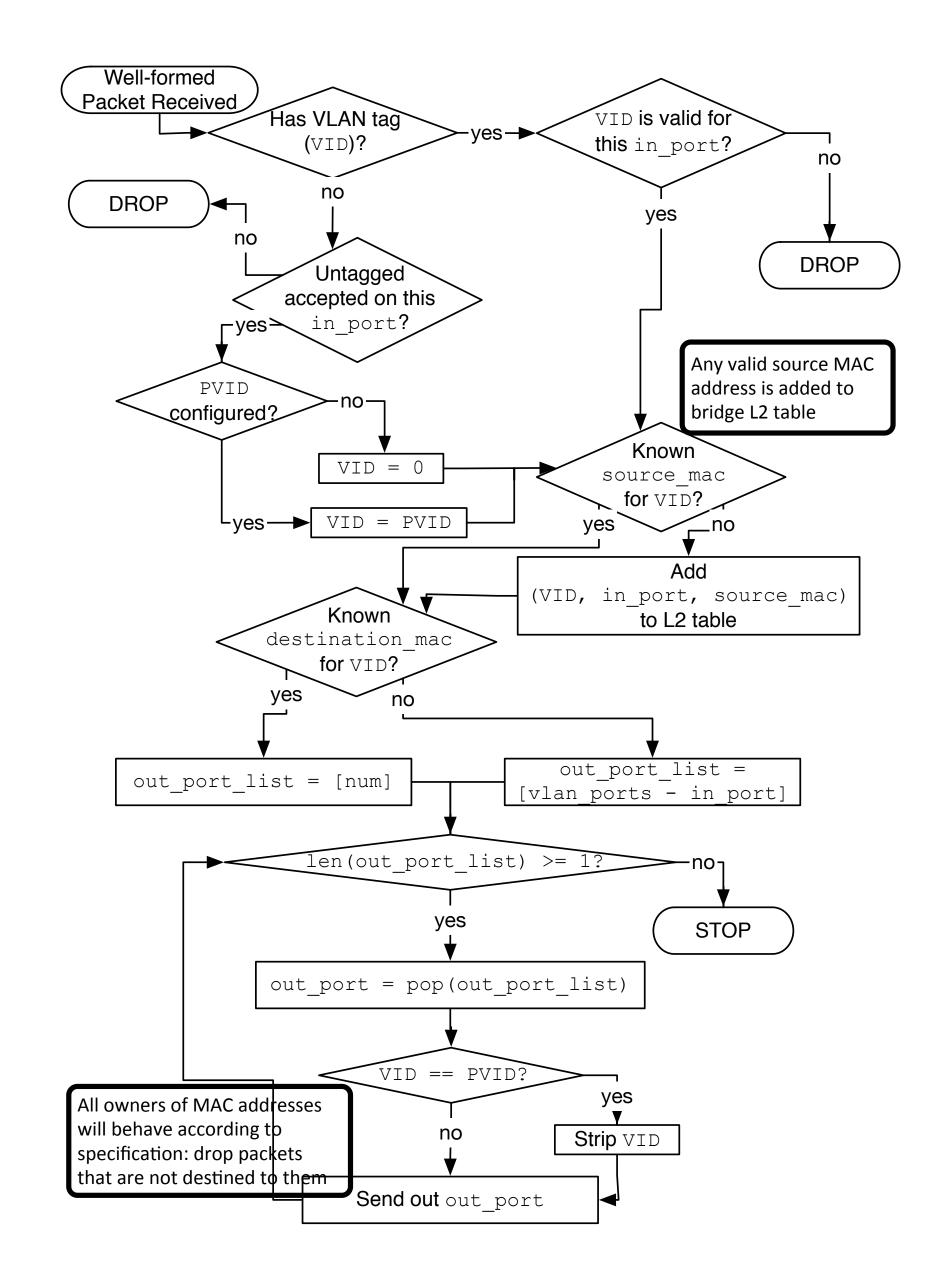


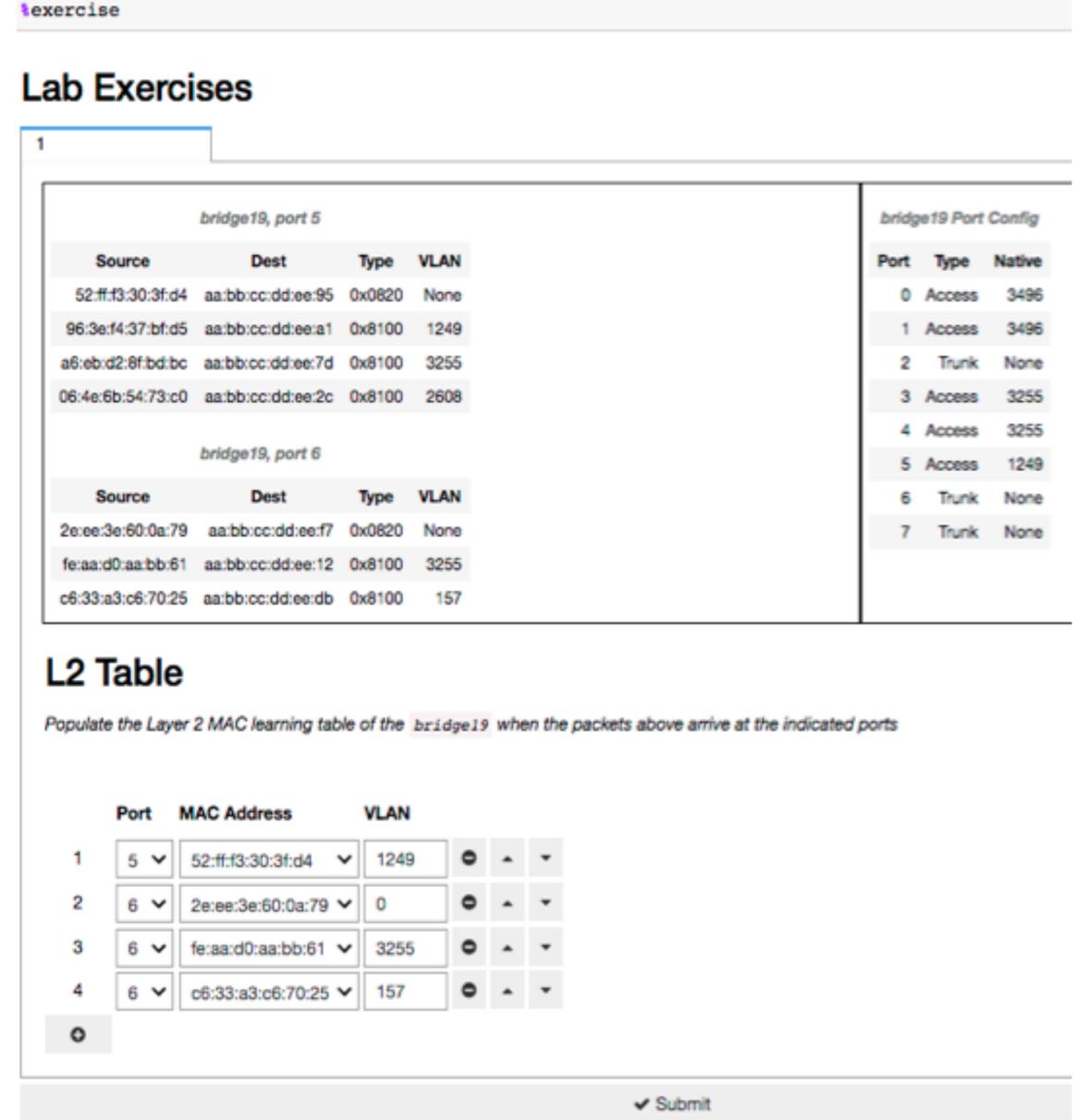
http://info.uh-netlab.org/info/instruction.html



Create novel instructional material to teach network security network design process protocol behavior knowledge trust boundary analysis

hands-on lab experiments, instantaneous feedback, reflections on learnings, and a comprehensive project component for application of the gained knowledge





Networks that are designed with security and trust mechanisms in place will enhance the security posture of our enterprises and the private citizens. Instead of only providing connectivity, networks can add to secure access principles.

The instructional material is completely open source and has a broader impact in attracting and retaining underrepresented minorities and female students to the field by providing equitable access mechanisms along with multiple forms of delivery of the concepts in modern interfaces.

- -- Open source instructional materials and flexible lab manual design
- -- Equitable access and learning with multiple forms of education delivery
- -- Active involvement of education researchers in instructional design and learning sciences