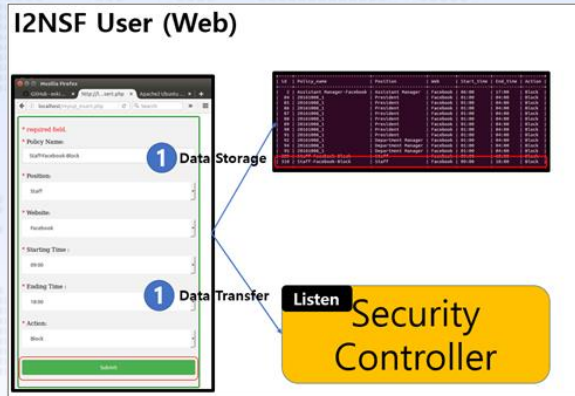
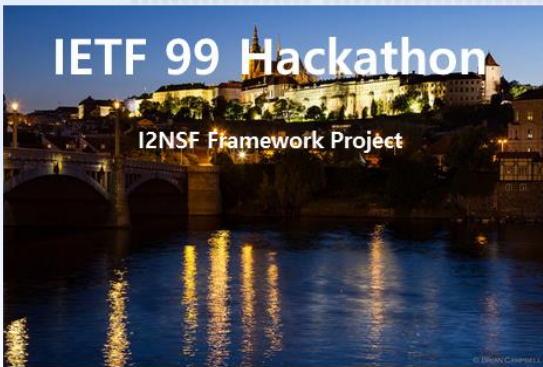


IETF I2NSF (Interface to Network Security Functions) Working Group: I2NSF Framework Project

Champions: Jaehoon Paul Jeong, Sangwon Hyun, and Jinyong Tim Kim (SKKU)



Where to get code

- Github – Source code
 - ✓ <https://github.com/kimjinyong/i2nsf-framework/tree/master/Hackathon-99>

What to pull down to set-up environment

- OS: Ubuntu 14.04TL
- Confd for NETCONF: 6.2 Version
- Apache2: 2.4.7 Version
- MySQL: 14.14 Version
- PHP: 5.5.9 Version
- Mininet: 2.2.1 Version
- OpenDaylight: Distribution-karaf-0.4.3-Beryllium-SR3
- XSLT (Extensible StyleSheet Languages Transformations)

Manual for Operation Process

- README.txt

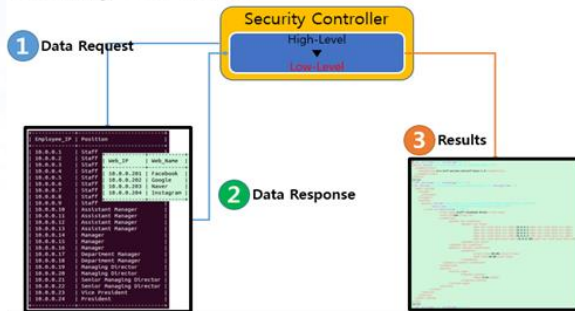
Contents of Implementation

- Firewall
- Web Filter

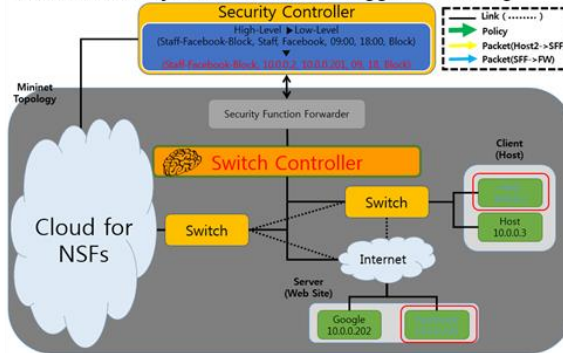
Mission

- Firewall and Web Filter for Enterprise
 - ✓ I2NSF User
 - Delivery of a high-level policy to security controller.
 - ✓ Security Controller
 - Translation from a high-level policy to a low-level policy.
 - NSF-Facing Interface for delivering a low-level policy to network security functions
 - Network Security Functions & Security Function Forwarder
 - Prototype of firewall and web filter

Security Controller



Network Security Functions (NSF) - Triggered Steering



Professors

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- Sarang Wi
- Seungjin Lee