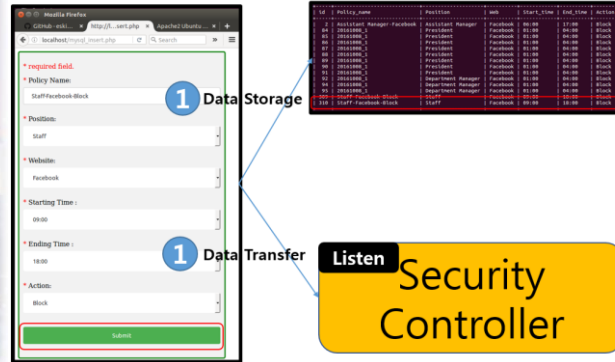


IETF I2NSF (Interface to Network Security Functions) Working Group: I2NSF Framework Project

Champions: Jaehoon Paul Jeong, Jinyong Tim Kim (SKKU), Jung-Soo Park (ETRI), and Tae-Jin Ahn (KT)



I2NSF Client (Web)



Where to get code

- Github – Source code
 - ✓ <https://github.com/kimjinyong/i2nsf-framework>
- USB – Source code & environment
 - ✓ Provided by USB Driver

What to pull down to set-up environment

- OS : Ubuntu 14.04TL
- Netconfd : 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

Professors

- Jaehoon (Paul) Jeong (Sungkyunkwan)
- Hyounghick Kim (Sungkyunkwan)
- Hoon Ko (Sungkyunkwan)
- Sangwon Hyun (Sungkyunkwan)

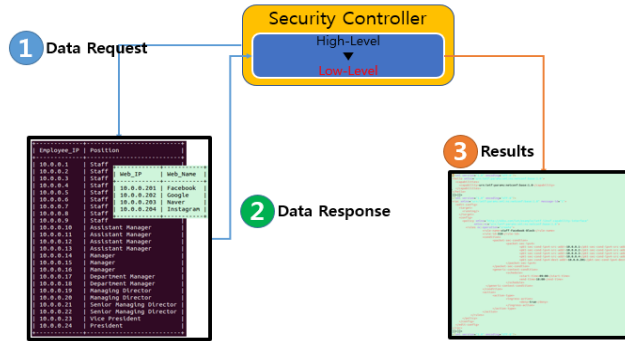
Collaborators

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- Tae-Jin Ahn (Korea Telecom)

Students

- Jinyong Tim Kim
- Sanguk Woo
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- Mahdi Daghmehchi Firoozjaei
- Sanghak Oh
- Yunsuk Yeo
- Soyoung Kim

Security Controller



Manual for Operation Process

- <https://github.com/kimjinyong/i2nsf-framework/README.txt>

Contents of Implementation

- Firewall
- DPI for VoIP-VoLTE Security Service

Mission

- Firewall
 - ✓ Deletion of policy
 - ✓ Update of policy
 - ✓ Avoidance of the duplication of policy
- VoIP-VoLTE Security Service
 - ✓ Deletion of policy
 - ✓ Update of policy
 - ✓ Avoidance of the duplication of policy

Network Security Functions (NSF) -Triggered Steering

