SFC-enabled I2NSF Architecture (draft-hyun-i2nsf-sfc-enabled-i2nsf-00)





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S. Hyun, S. Woo, Y. Yeo, J. Jeong and J. Park















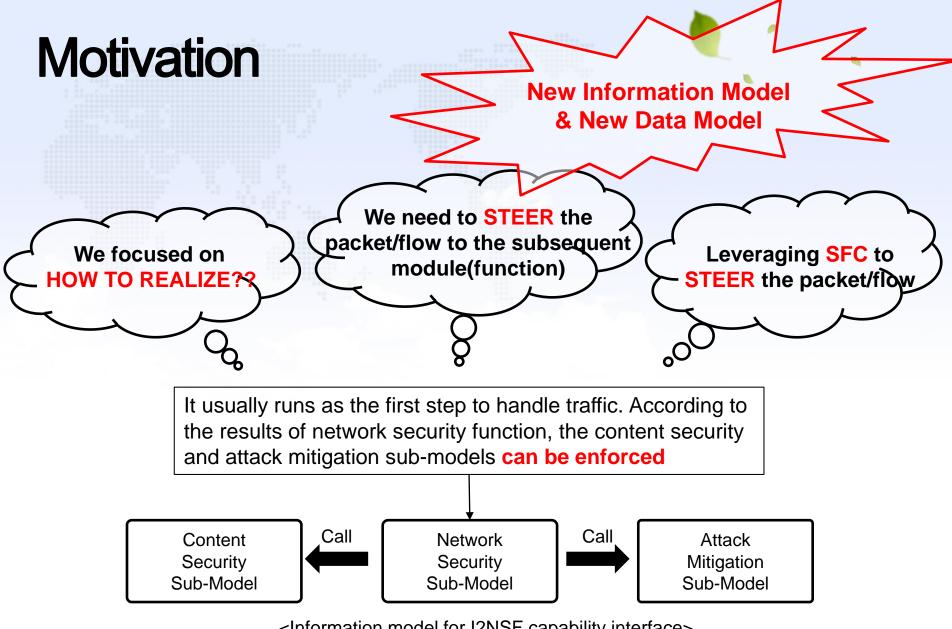


Introduction

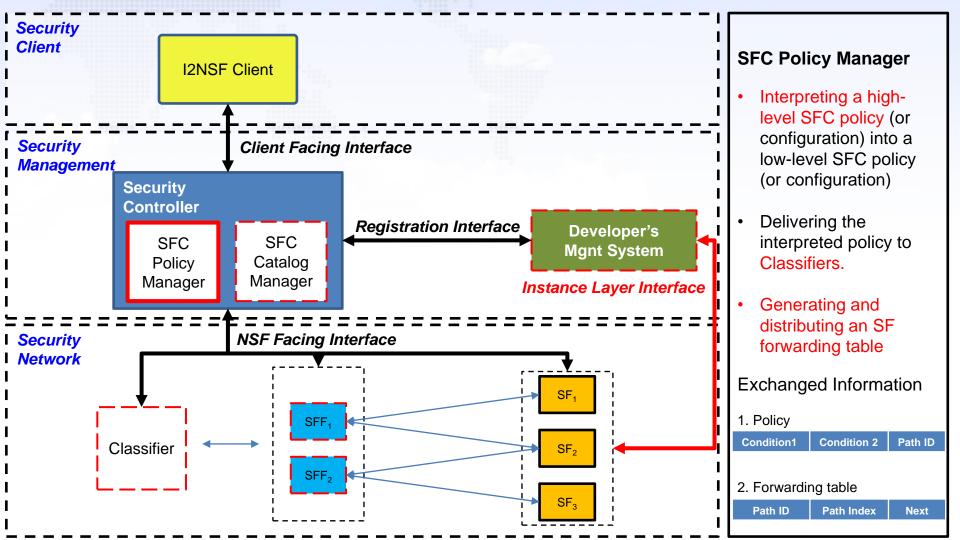
 This document describes an architecture of the I2NSF framework using security function chaining for the traffic steering.

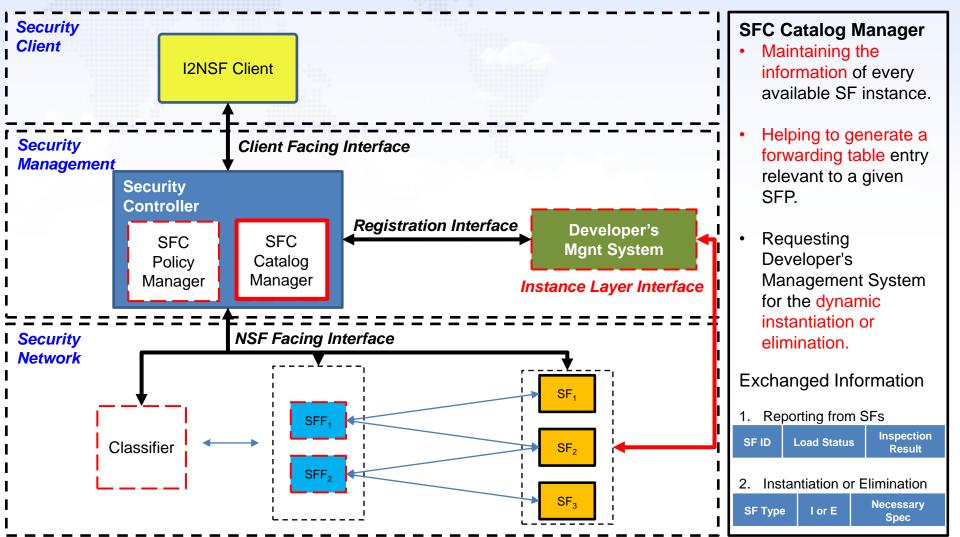
 Service Functions (i.e., Network Security Functions) determine down-stream paths.

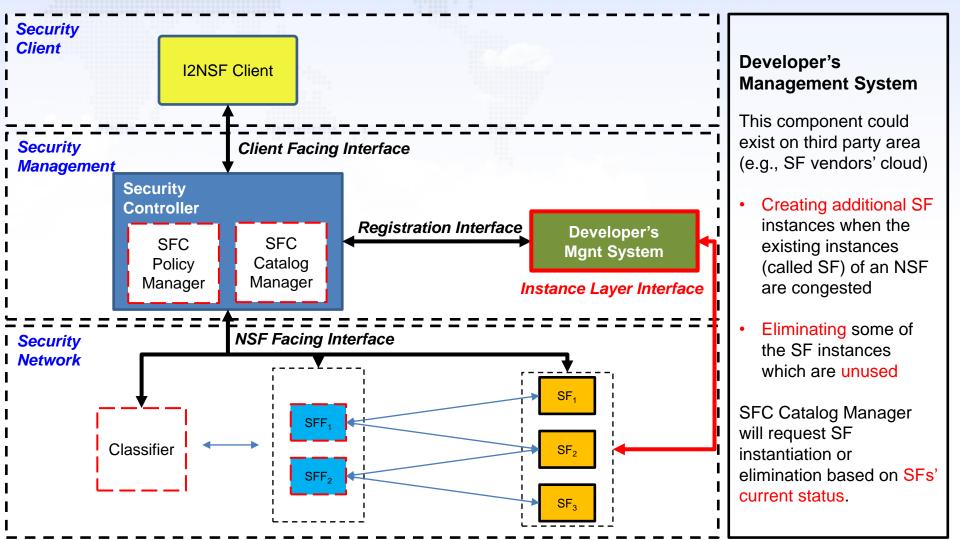
What information is going from Security Controller to Service Function and vice versa?

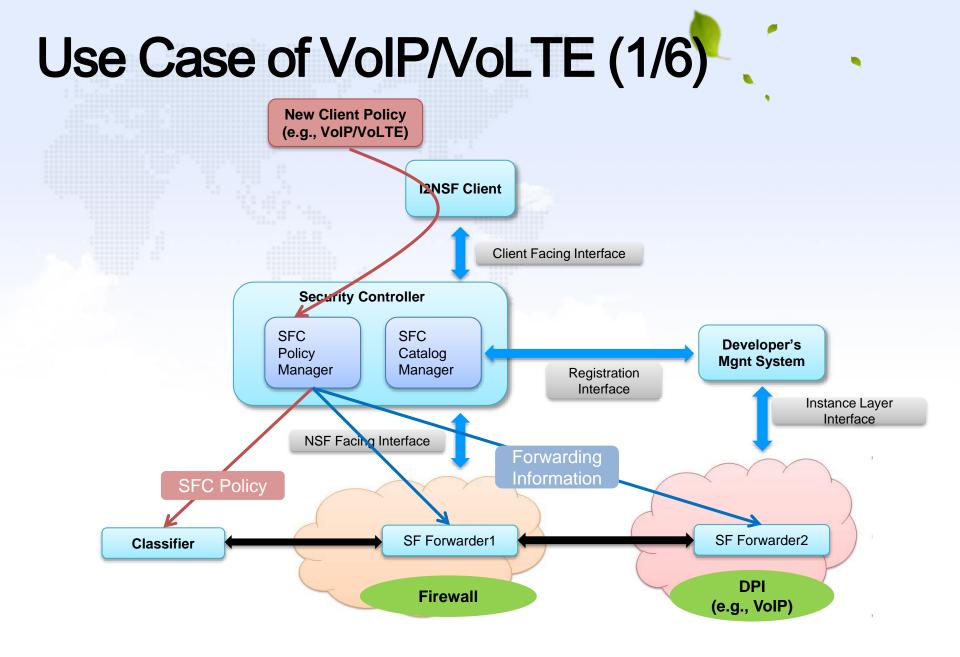


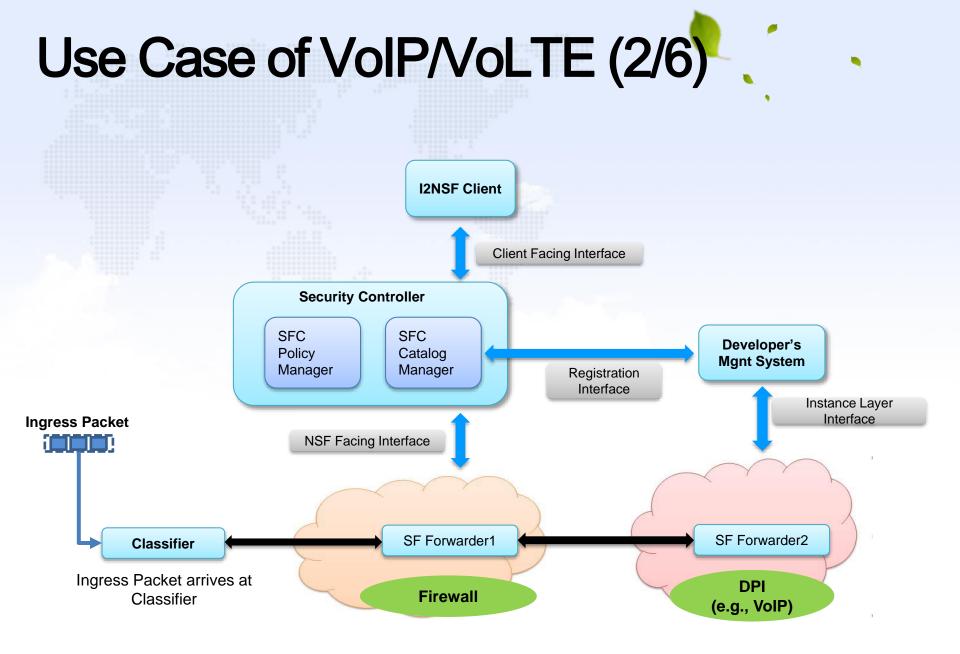
<Information model for I2NSF capability interface>
Reference: draft-xia-i2nsf-capability-interface-im-05

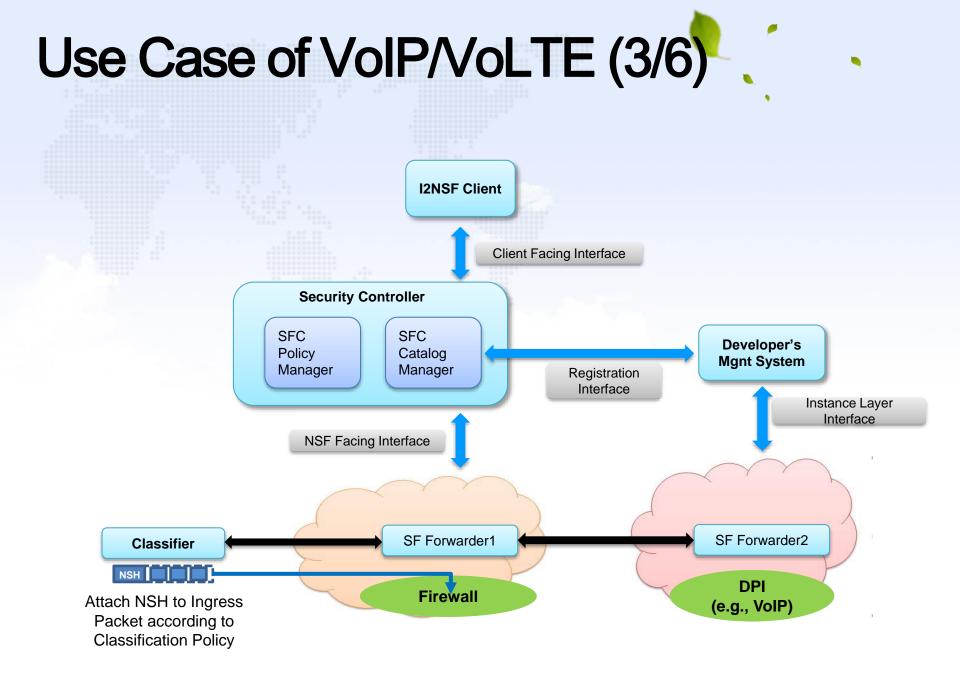


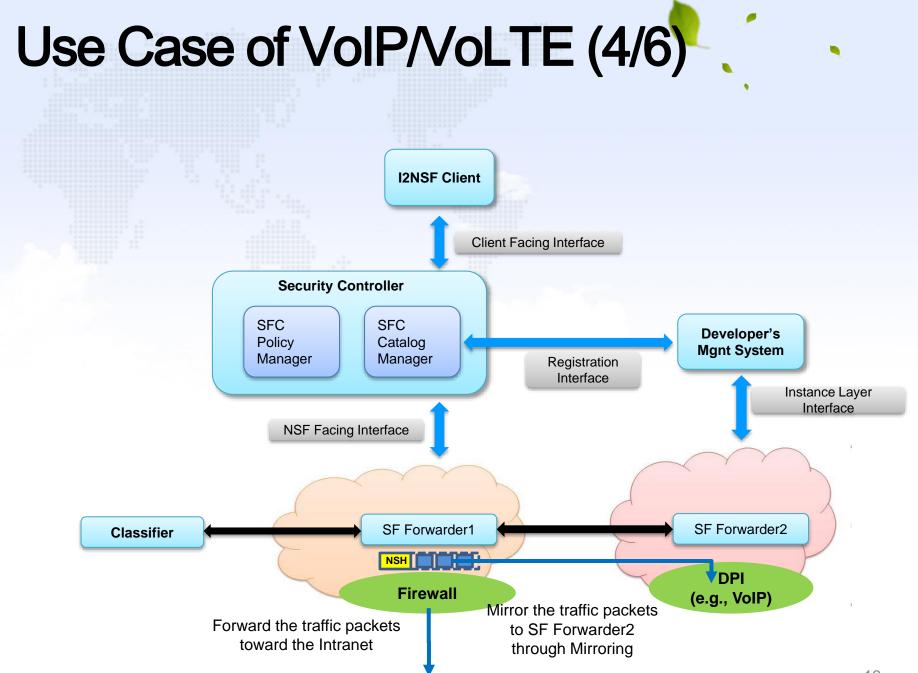


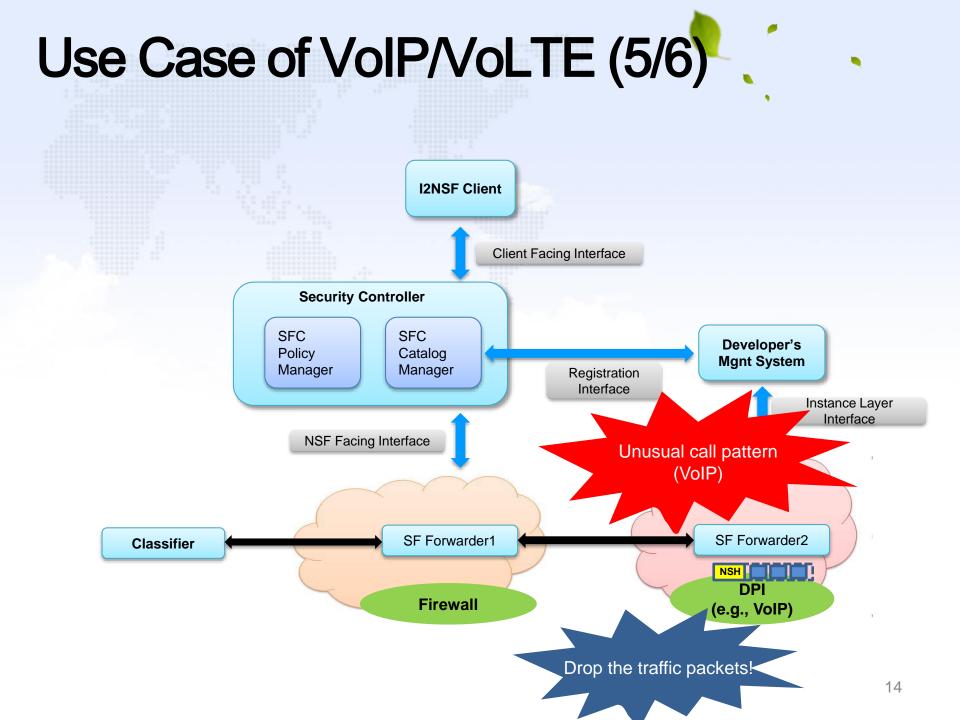


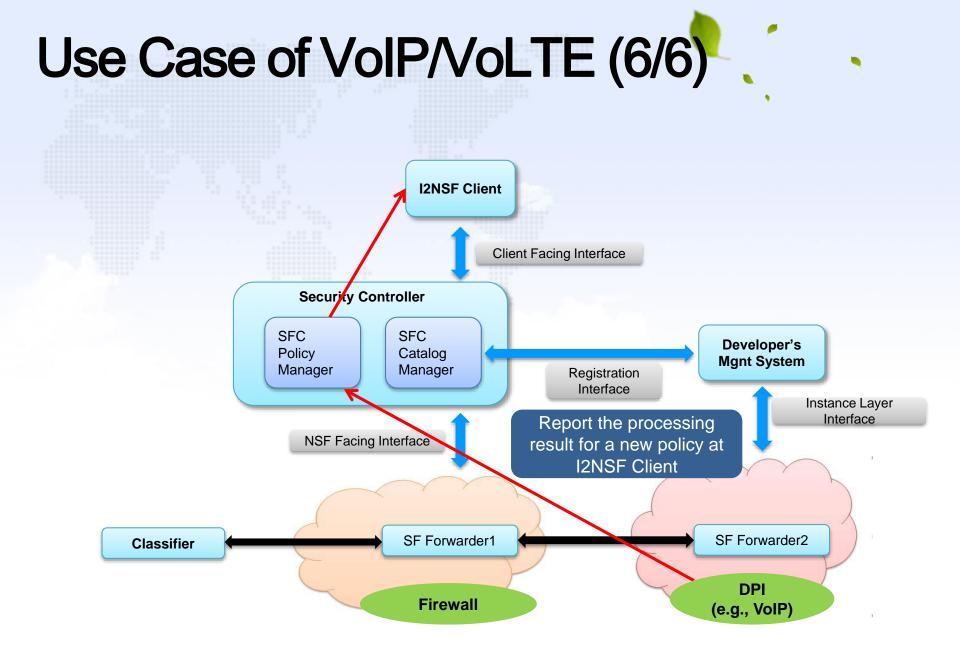












Next Steps

- We will design Information Models & Data Models for the following two interfaces on traffic steering enabled I2NSF architecture.
 - Registration Interface
 - between Security Controller & Developer's Mgnt System
 - Instance Layer Interface
 - between Developer's Mgnt System & Security Function
- To prove the effectiveness of our architecture with new data models, we will implement the traffic steering enabled I2NSF architecture.