

IETF-116 Yokohama



# I2NSF Security Controller-Facing Interface YANG Data Model for Cross-Domain Security Parameter Exchange

draft-kim-i2nsf-security-controller-facing-interface-dm-01

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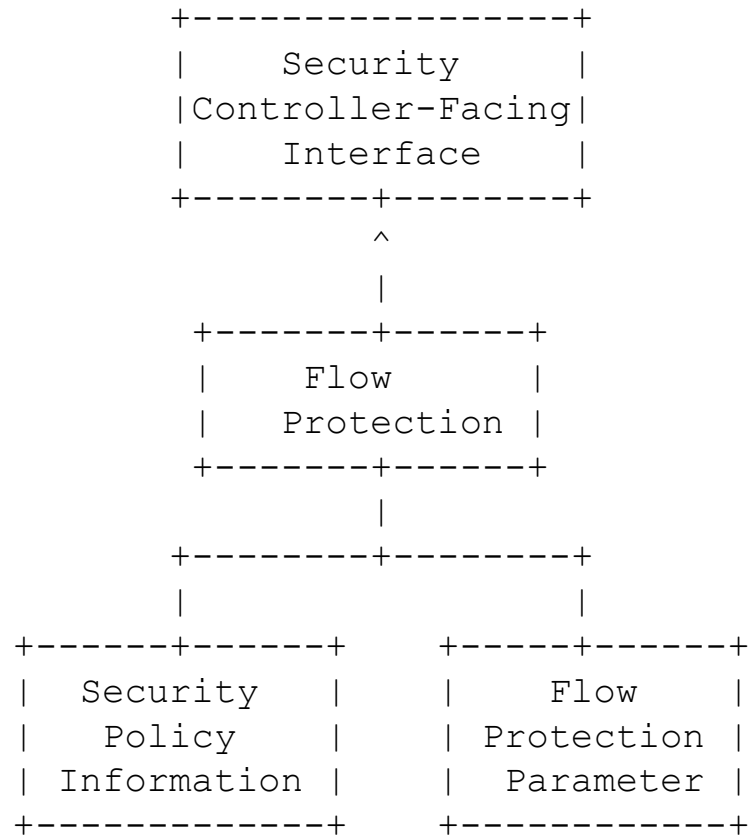
# Updates of Security Controller-Facing Interface (SFI)

- **Updates :**

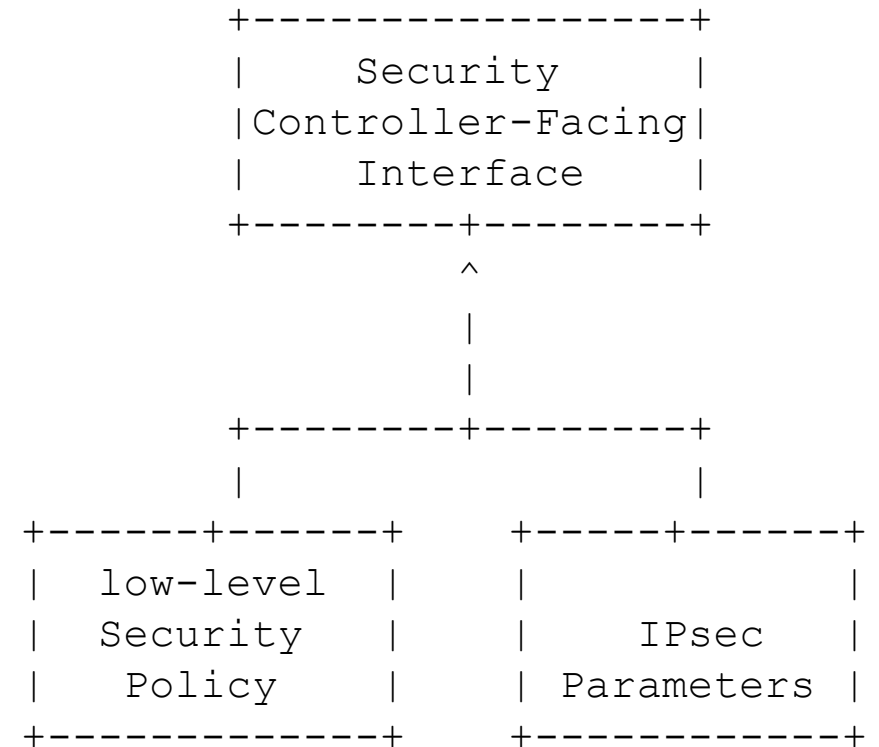
- An update on the Security Controller-Facing Interface information model
- An update on the Security Controller-Facing Interface peer-to-peer use case
- An update on the Security Controller-Facing Interface hierarchical use case

# Major Update of Security Controller-Facing Interface (1/3)

Old:



New:



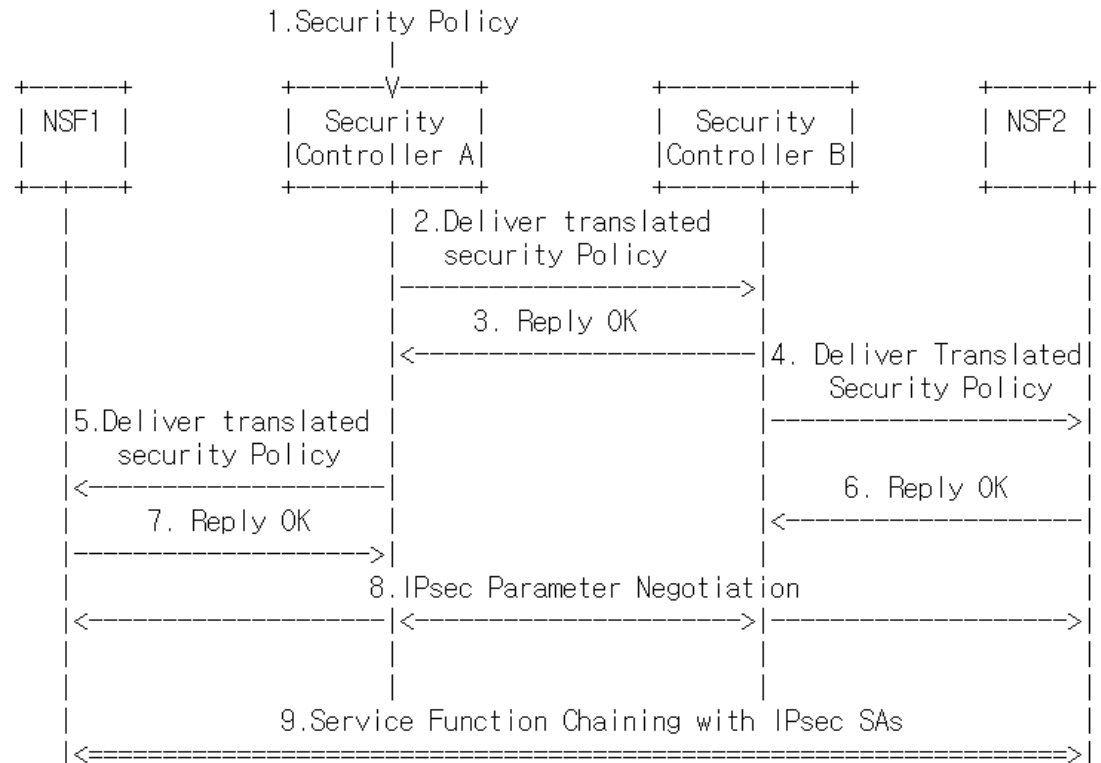
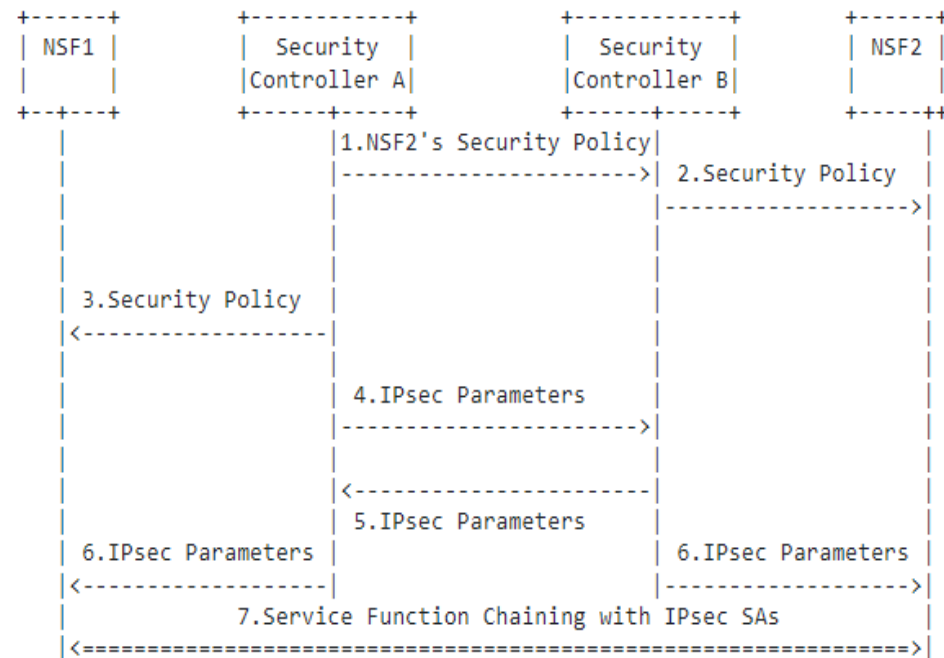
- Change of the information model of SFI

# Major Update of Security Controller-Facing Interface (2/3)

Old:

New:

## 3.1.1. Use Case of Peer-to-Peer Security Controllers

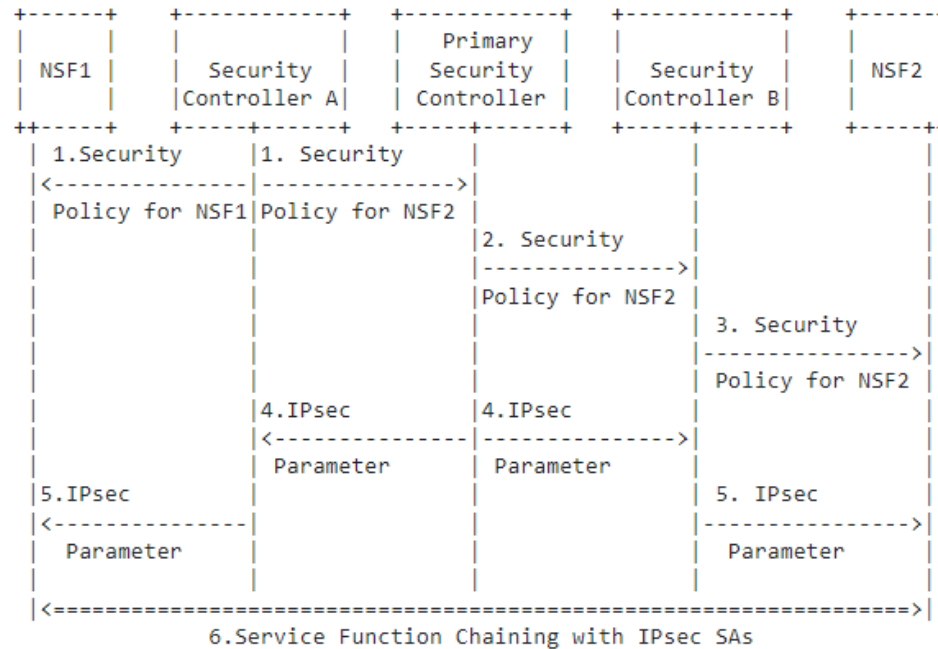


- Addition of NSF's' capability negotiation process before starting IPsec parameter negotiation

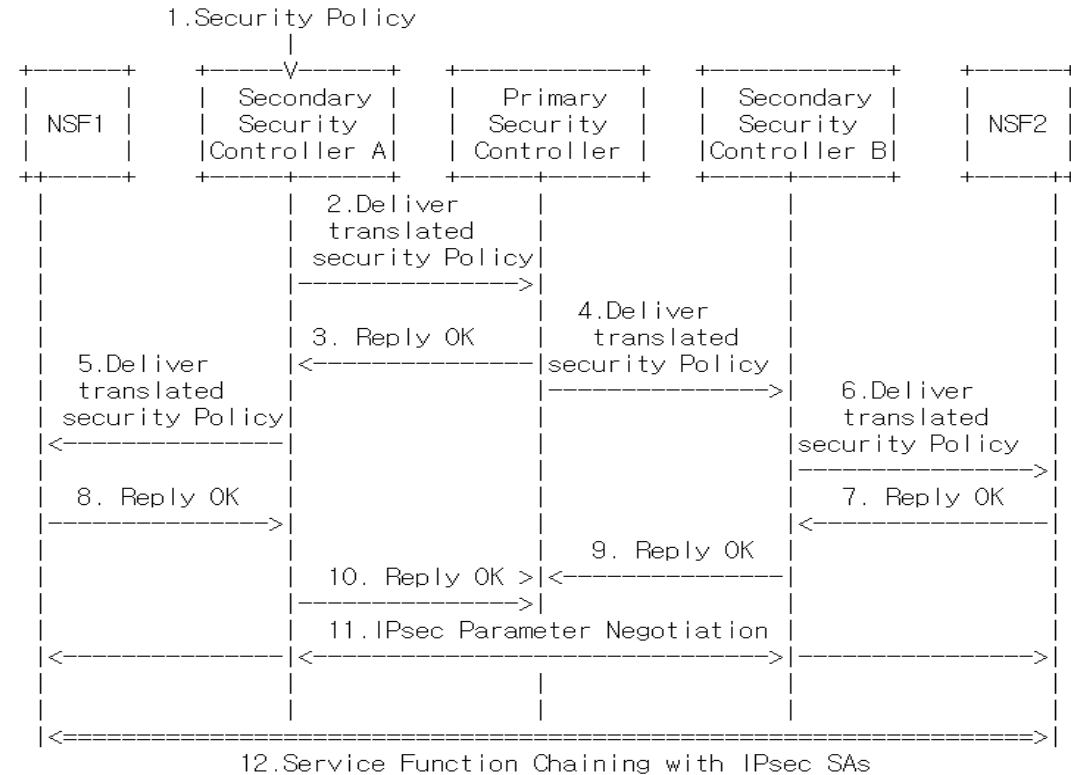
# Major Update of Security Controller-Facing Interface (3/3)

**Old:**

3.1.2. Use Case of Hierarchical Distribution Security Controllers



**New:**



- Addition of NSF's capability negotiation process before starting IPsec parameter negotiation

# Next Step

- This draft introduces the Security Controller-Facing Interface for cross-domain IPsec flow protection.
- It suggests an I2NSF expansion architecture and use cases (i.e., peer-to-peer and hierarchical architectures)
- We will make a YANG data model for SFI before IETF-117 San Francisco.
- **How to proceed with its standardization in IETF?**
  - ✓ Independent Submission or Another WG (e.g., OPSAWG)?