

# End-to-End Route Management in SIP

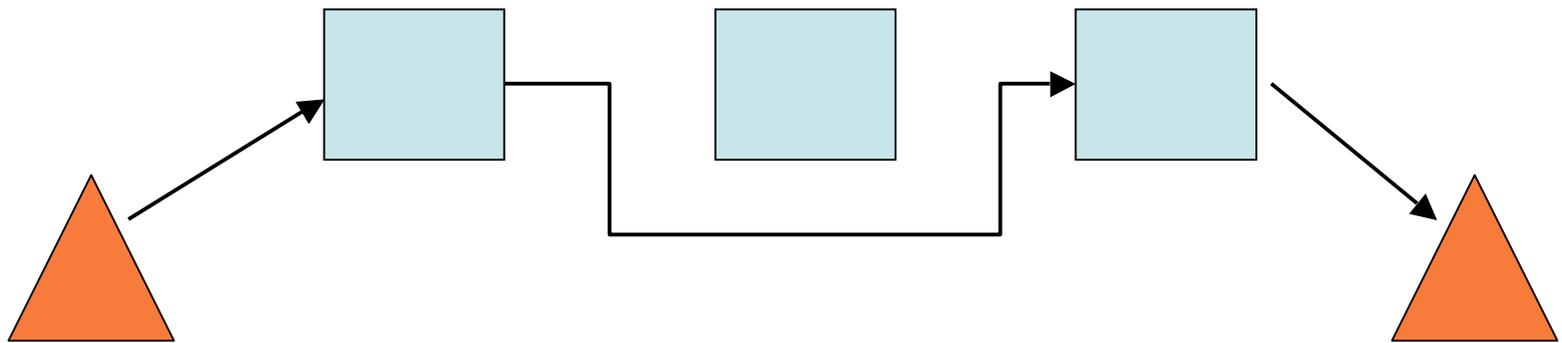
draft-schwartz-sip-routing-managment-00

IETF 65  
Dallas, TX

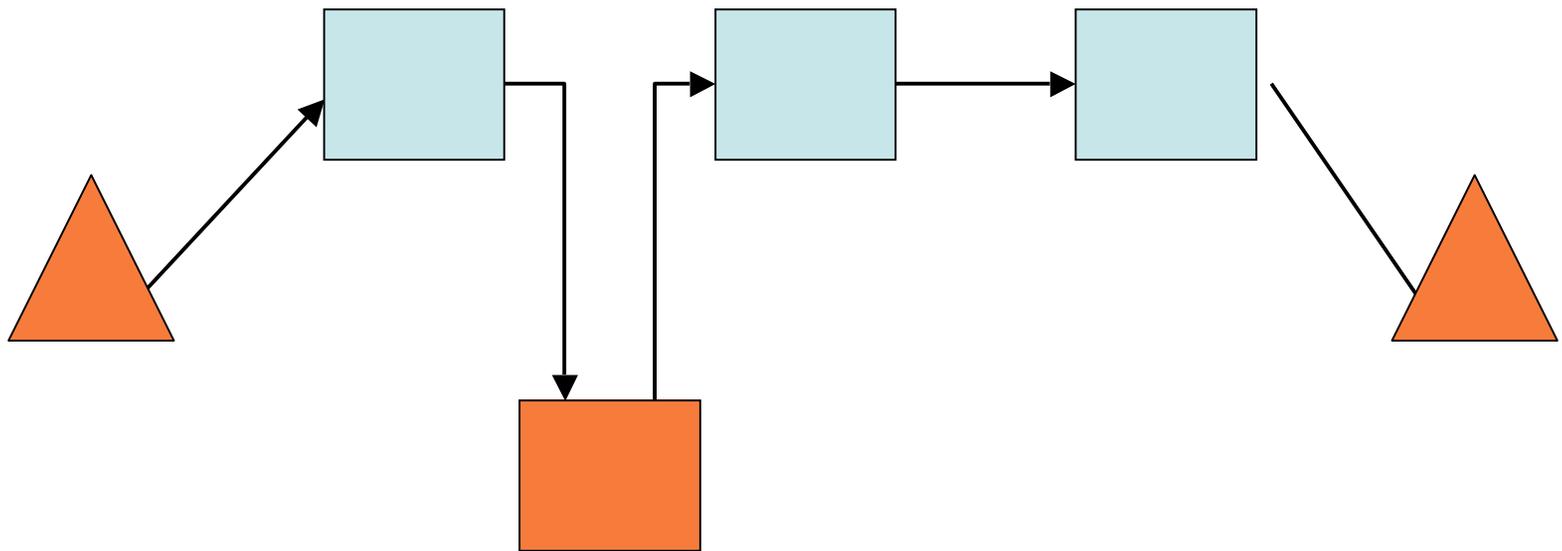
# Issues

- Insertion/Deletion
  - Removing critical flow elements
  - Detection of confidential information
  - Launch pad for attacks on another system
- Spiral generation
  - $O(N^2)$  issue

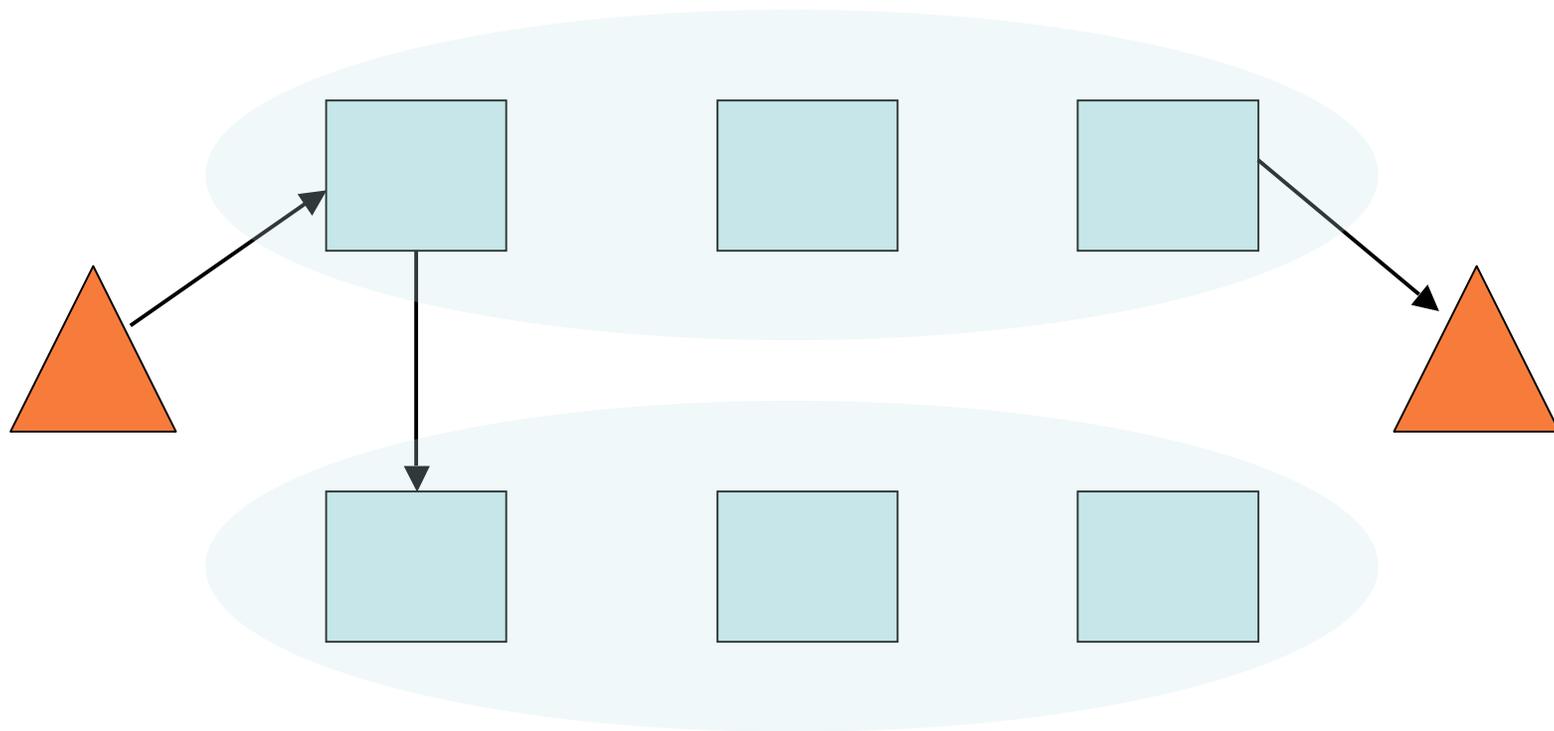
# Insertion/Deletion – removing critical flow elements



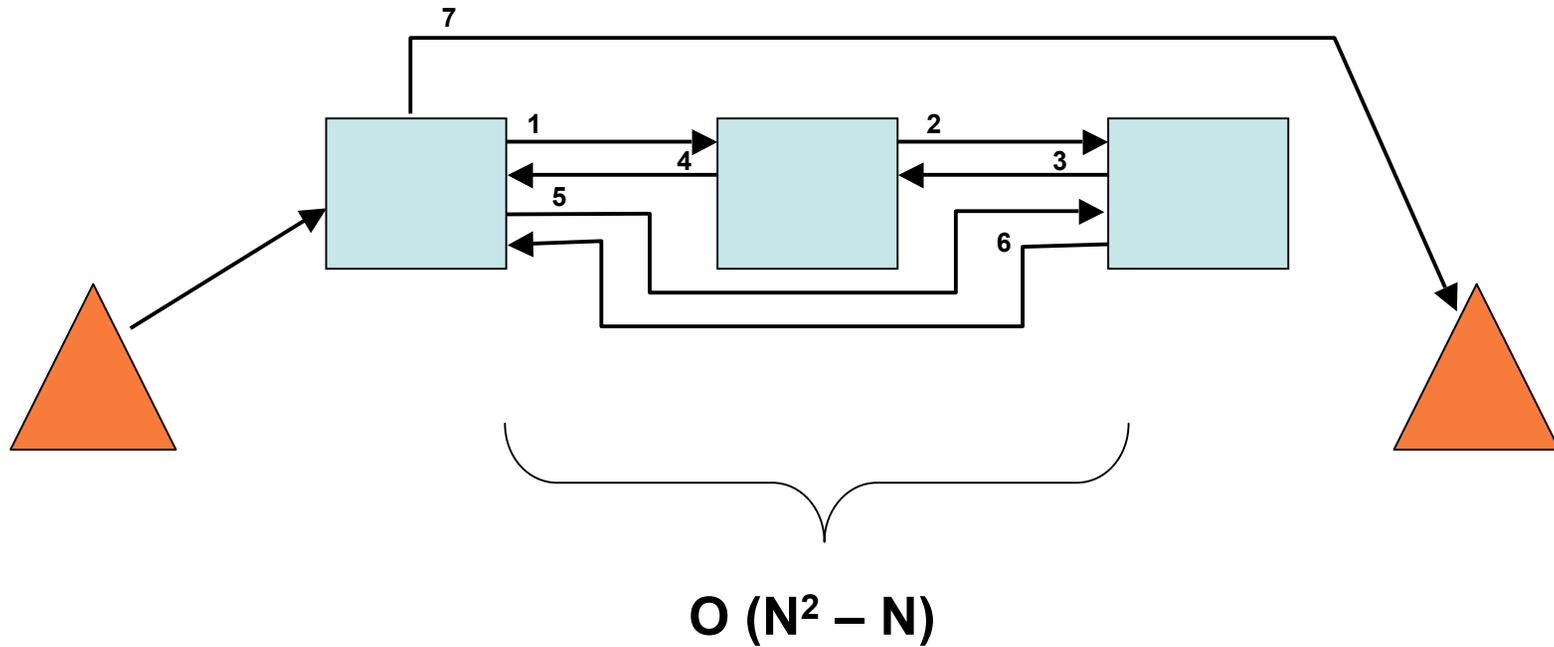
# Insertion/Deletion – detection of confidential information



# Insertion/Deletion – Launch pad for attacks



# Spiral generation



# Current Approaches

- Proxy should “not let that happen”
  - Policy
  - Ambiguous
  - In many cases involves state
- TLS between proxies
  - Not yet there
  - Is overhead for intra-network traffic worth it

Need to push for discussion