

# Interface to the Routing System (I2RS) for Service Chaining: Use Cases and Requirements

draft-bitar-i2rs-service-chaining-01.txt

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# Outline

- ❑ Quick Refresh: Objective and Scope
- ❑ Updates and Changes from 00
- ❑ Next steps

# Objective and Scope

- ❑ **Objective:** describe service chaining use cases and the corresponding required information that could be controlled via i2rs
  
- ❑ **Scope:**
  - ❑ Multi-tenancy service chaining
  
  - ❑ Service topology discovery and maintenance
  
  - ❑ Service node monitoring
  
  - ❑ Controlling the routing on a service chain
  
  - ❑ Opaqueness to actual service provided

# Updates and Changes from 00

- ❑ Addressed private comments from Alia Atlas
  - ❑ Wording on service node model as part of the service topology description
  - ❑ Changed Forward to Route where appropriate
  
- ❑ Addressed private comments from Dave McDysan to the authors
  - ❑ Packet mirroring over different types of interfaces, ports, and tunnels
  - ❑ Better clarified in the text when there was reference to potential new data plane vs. existing one
  - ❑ There was a comment related to comparison to OpenFlow, but did not address as it is not within the scope of the draft to discuss protocols or solutions

# Next Steps

- ❑ Address comments that were sent to the mailing list the week before the IETF meeting
  
- ❑ Inadvertently removed David Allan from Acknowledgments while adding others – will correct in an update
  - ❑ Sorry Dave and thanks for your input again
  
- ❑ Work between i2rs and SFC WGs
  - ❑ Use cases and requirements in this draft are for service function chaining
    - ❑ Existed before the SFC WG
    - ❑ Within charter and outcome of the i2rs interim meeting in Sunnyvale
    - ❑ 00 was issued prior to IETF Berlin meeting – July 2013
  - ❑ Clarity between the two WGs on what is covered where – Do we move the use cases and generic requirements to SFC? Or keep them in i2rs?
  - ❑ Should we cross-post in SFC? Planning to send an email to SFC WG mailing list
  - ❑ Need direction from both WG chairs
  
- ❑ WG input on the mailing list