# Realizing IETF Network Slices in IP/MPLS Networks using Network Resource Partitions

draft-ietf-teas-ns-ip-mpls

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# Recap

- Draft discusses realization of IETF network slices in IP/MPLS networks using Network Resource Partitions (NRPs)
  - NRP Modes:
    - Data Plane NRP Mode
    - Control Plane NRP Mode
    - Data and Control Plane NRP Mode
  - NRP Policy Definition:
    - NRP Selector
    - NRP Resource Reservation
    - NRP Per Hop Behavior (PHB)
    - NRP Topology

- Current Rev 04 [No changes since May 2024]
- Open Issues
  - Captured in Section 9 of the document

# NRP Selector – WG Discussion

- Feedback received on NRP selectors:
  - Virtual Interim Meeting:
    - https://datatracker.ietf.org/meeting/interim-2024-teas-01/materials/minutes-interim-2024-teas-01-202405291400-00
  - Mailing List:
    - https://mailarchive.ietf.org/arch/browse/teas/?q=Revisiting%20NRP%20Selector
  - Dedicated identifier used as NRP Selector
    - NRP Data Plane ID
    - Different lengths for different data-plane types
    - “Strict” match indicator
      - Explicit indicator to determine what to do with a packet that cannot be mapped to an NRP.

# Next Steps

- Rev 05 (preview)
  - Change Title
  - Limit the number of authors on front page to 5
  - Incorporate NRP selector specific feedback received from Virtual Interim meeting and the corresponding thread on the WG mailing list

- Address remaining issues captured in Section 9
  - Request a virtual interim meeting if deemed necessary

# Thank You

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