

# draft-litkowski-idr-flowspec-interfaceset-02

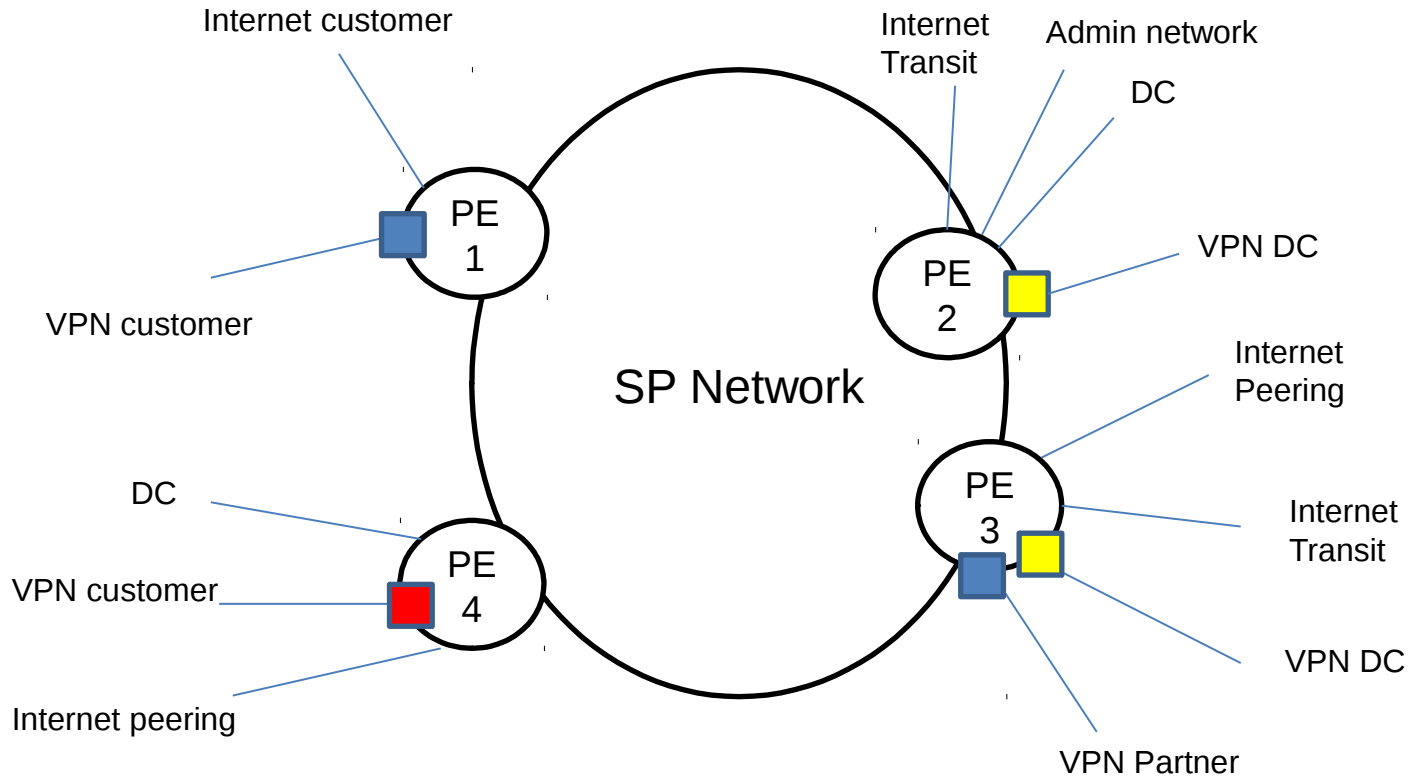
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# Problem statement

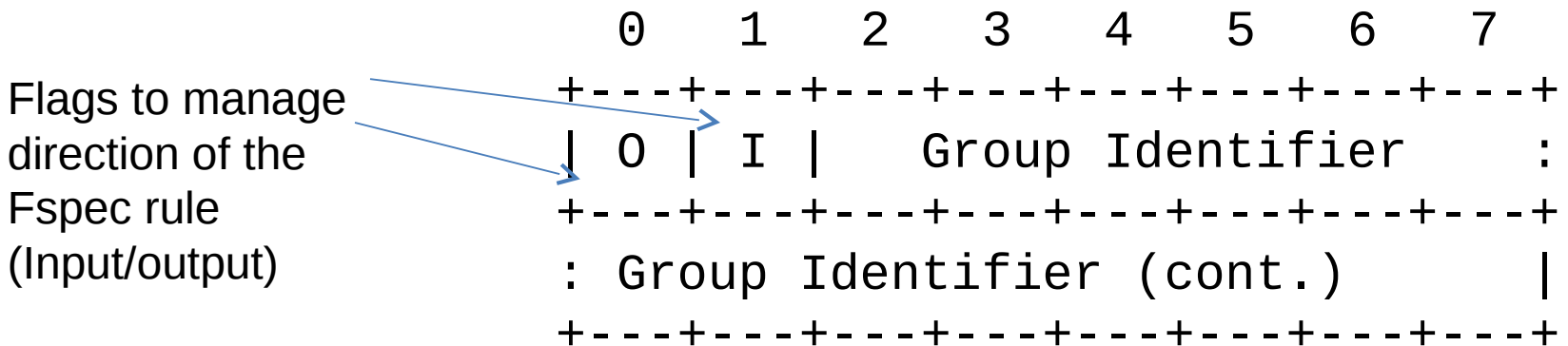


Multiple outside connections in the network

How to deploy specific Flowspec rules on a specific set of interfaces ?

# interface-set extended community

- Transitive 4-B AS-specific extended community
  - Global admin : ASN of the originating router
  - Local admin :



- Multiple interface-set on the same Fspec NLRI means « match-any »

# WG discussions

- new NLRI instead vs EXTCT usage :
  - New NLRI may bring complexity in filtering at AS boundary (there is a high chance for intf groups to be local to an AS)
  - Use of EXTCT requires ADDPATH in some cases which is acceptable
- AS4Bytes extct vs RT :
  - We may need to define a transitive and non transitive version (to allow for better interAS management)
  - RT would allow for constrained route distribution
  - Reuse concepts described in MDCS draft ? (include/exclude RTs)
  - Do we define a new RT type ? (as for ES-Import) => we need to encode direction

# Next steps ...

- Feedbacks expressed on the list shows that this extension is useful
- Need to reach consensus on encoding
- Update the draft accordingly