

# Dissemination of Flow Specification Rules for NVO3

draft-hao-idr-flowspec-nvo3-02

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# BGP Flow-spec for NVO3 Requirements Summary

- ① The match part should include inner L2/L3 header information and NVO3 header.

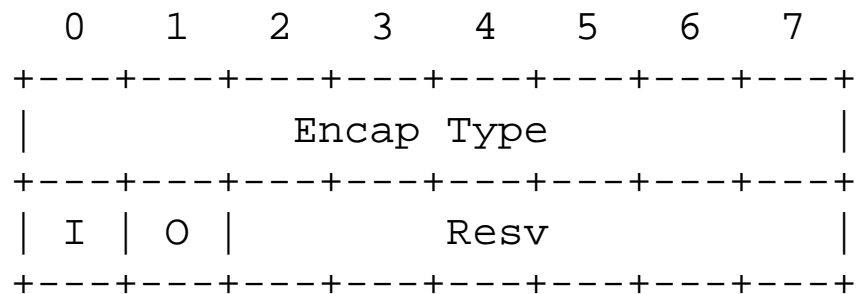
➤ Currently the Flow specification rule [RFC5575] only includes single layer IP information, the match part lacks layer indicator and NVO3 header information, so it can't be used for the traffic filtering based on NVO3 header or a specified layer header directly.

➤ This draft proposes a new subset of component types to support the NVO3 flow-spec application.

# Flow-spec extension(1)

Add new Component Types for NVO3 header:

Type TBD1 – Delimiter type



- VXLAN: Tunnel Type = 0
- NVGRE: Tunnel Type = 1

I: Inner layer indicator

O: Outer layer indicator

# Flow-spec extension(2)

Add new Component Types for NVO3 header:

Type TBD2 – VNID

Type TBD3 – Flow ID, only for NVGRE

Other types:

The additional types for GENEVE [GENEVE], GUE [GUE] and GPE [GPE] header specific part will be added later.

# Next Step

- Seek some comments and feedbacks
- WG adoption?