

# IP Prefix Advertisement in EVPN

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draft-rabadan-l2vpn-evpn-prefix-advertisement-02

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# Changes in version 02

- This draft defines EVPN route type 5 - IP Prefix route and describes how to use it through some use-cases
- Two new co-authors added
- Alignment with draft-sajassi-l2vpn-evpn-inter-subnet-forwarding
  - Complements the scenarios in the inter-subnet-forwarding draft with some use cases where the IP Prefix route is required
- Use-case # 5 added

# Use-cases

| <b>SECTION</b> | <b>USE-CASE</b>                                   | <b>OVERLAY<br/>NEXT-HOP</b> |
|----------------|---------------------------------------------------|-----------------------------|
| 5.1            | IP Prefix behind TS IP                            | GW IP                       |
| 5.2            | IP Prefix behind Floating IP                      | GW IP                       |
| 5.4            | IP Prefix behind ESI                              | ESI                         |
| 5.3            | IP Prefix behind IRB IP (*)                       | GW IP                       |
| 5.5            | IP Prefix behind IRB without core-facing IRB (**) | GW MAC                      |

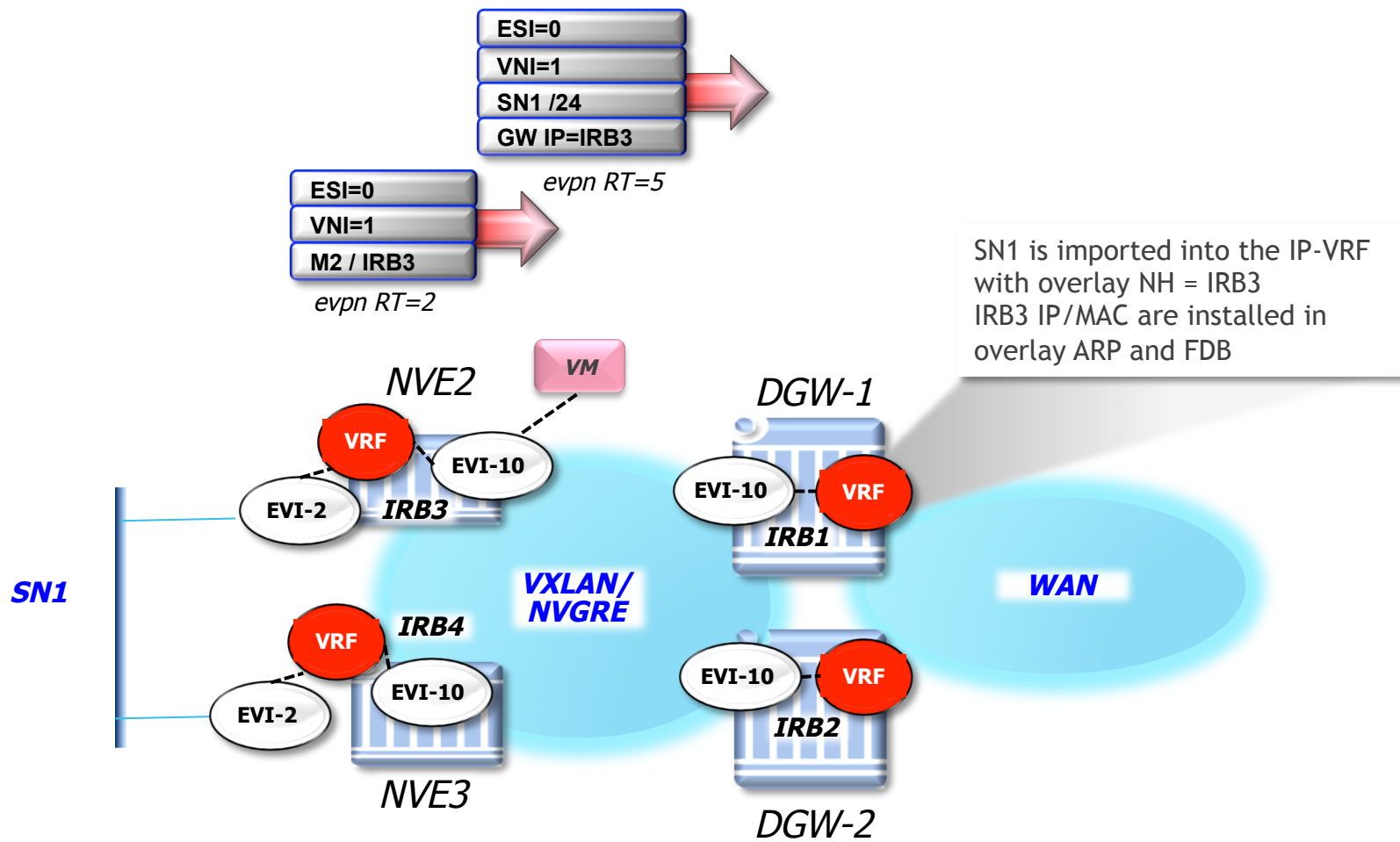
**NEW**

Equivalent scenarios in draft-sajassi-l2vpn-evpn-inter-subnet-forwarding:

(\*) IRB forwarding on NVEs with core-facing IRB interface

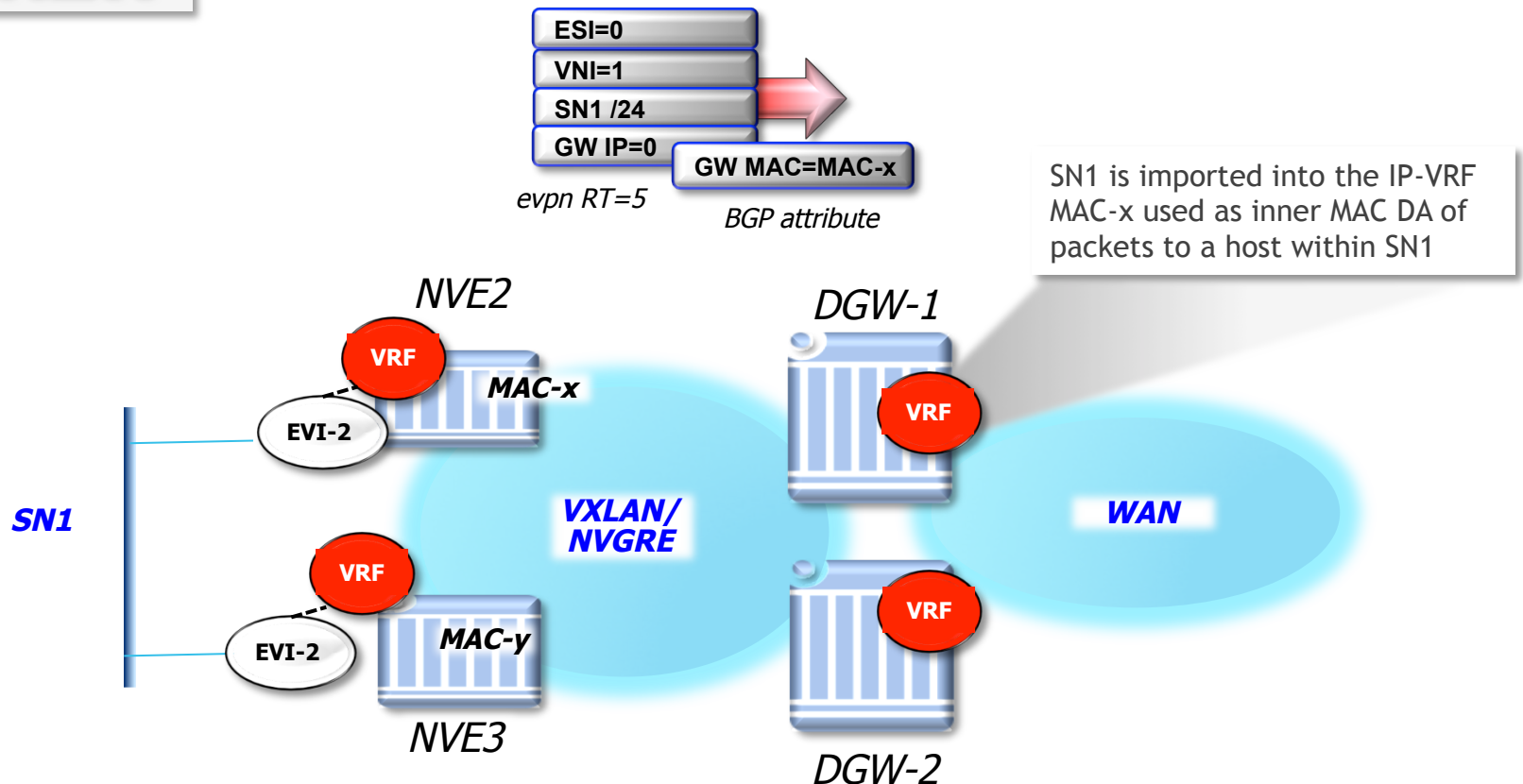
(\*\*) IRB forwarding on NVEs without core-facing IRB interface

# Use-case #3: IP Prefix behind IRB IP



# Use-case #5: IRB forwarding without core-facing IRB

**NEW**



# Next steps

- The authors would like to request WG adoption for this draft (along with draft-sajassi-l2vpn-evpn-inter-subnet-forwarding)