

Optimized Ingress Replication solution for EVPN

draft-ietf-bess-evpn-optimized-ir-01

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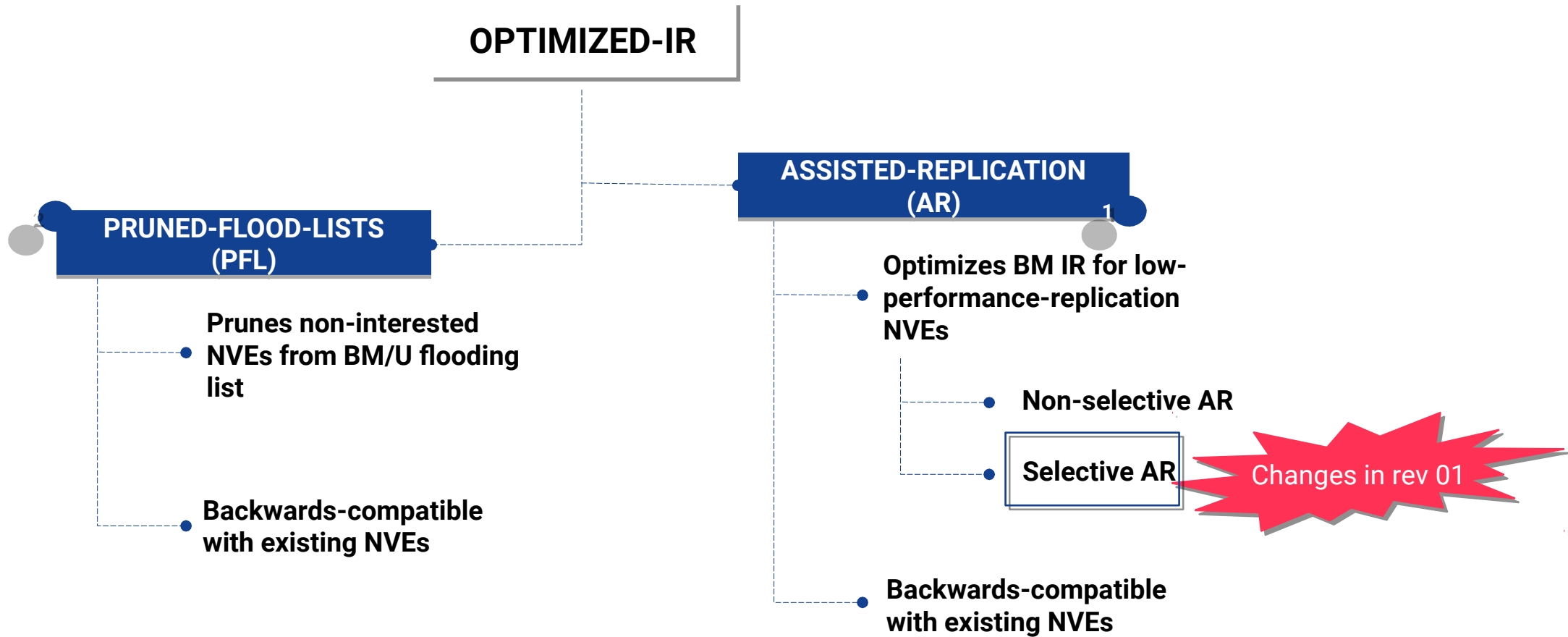
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draft-jetf-bess-evpn-optimized-ir-01 An Optimized Ingress Replication solution for Overlay IP tunnels



Changes in rev 01

Aligning control plane procedures with IETF I-Ds and IANA

Leaf-AD route replaces Leaf-AR route (IMET route with tunnel-type= AR and tunnel-id= AR-IP)

- Leaf-AD route (EVPN Route Type 11) is defined in draft-ietf-bess-evpn-bum-procedure-updates.
- Leaf-AD route is the 'natural' route to be used when explicit-tracking is required.

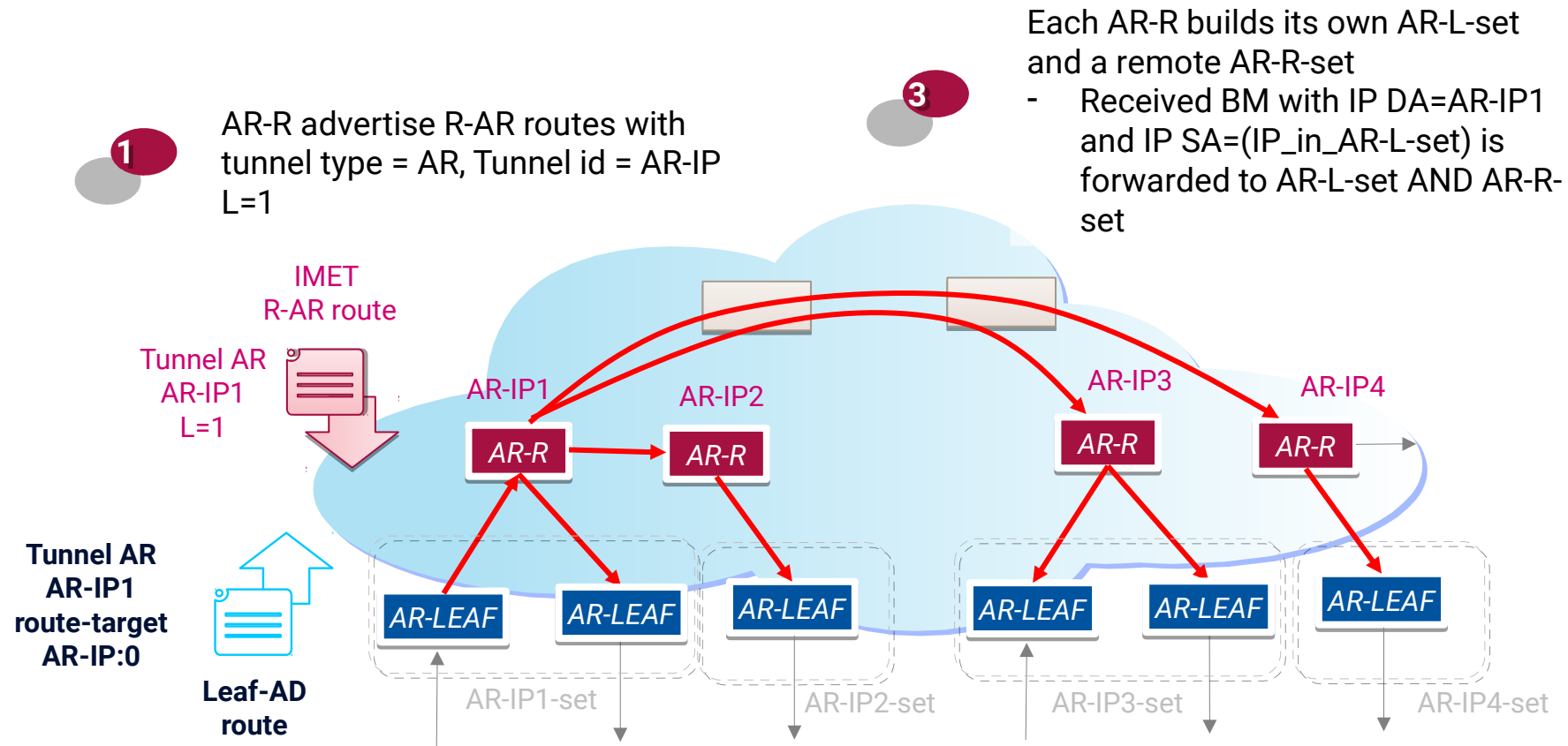
IANA allocated values have been incorporated

- Assisted-Replication PMSI tunnel type – 0x0A
- PMSI Tunnel Attribute Flags: Assisted-Replication Type, BM and U flags.

Clarification on AR procedures along with EVPN Multi-homing Split-Horizon

- “Local Bias” and IP SA preservation is recommended, even for Overlay tunnels supporting ESI label, e.g. MPLSoGRE, MPLSoUDP.

Selective Assisted-Replication with Leaf-AD route



Conclusions and next steps

This draft has vendor implementations and it is being deployed.

WG feedback / Ready for Working Group Last Call

Thank you