Per multicast flow Designated Forwarder Election for EVPN

IETF 116 update

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Problem statement recap

1. Only one side of the link is being used
2. In case of failure all flows need to be moved
New DF election procedure defined by this Draft

- Initial DF election is applicable only for BU
- As new membership request is received, on the fly DF election is performed and either of peer could be DF per flow
- HRW is used to load balance almost equally
Implementation & Next step

• Cisco IOS-XR has an implementation and being deployed in production network
• Document is ready for WGLC