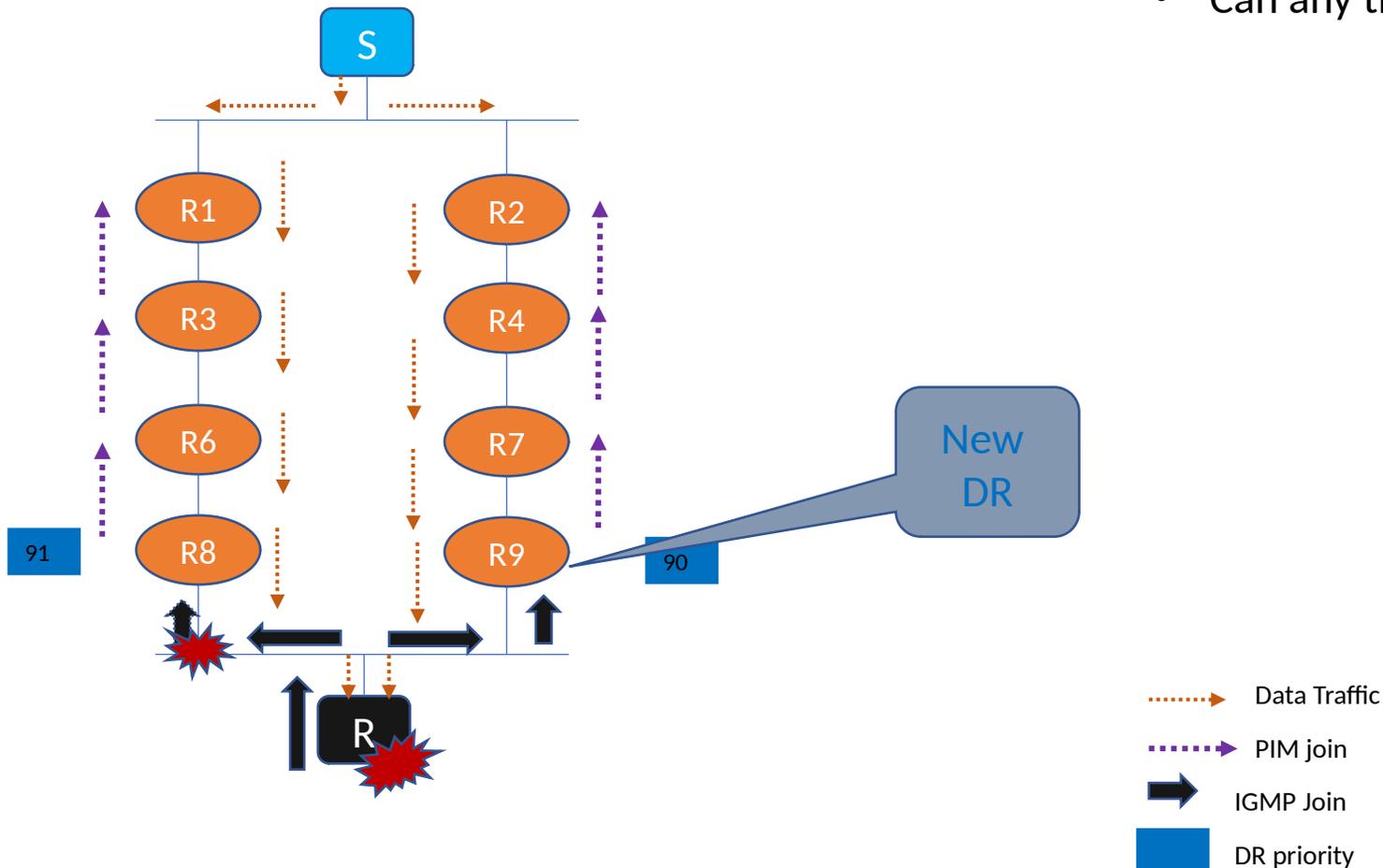


PIM Backup DR

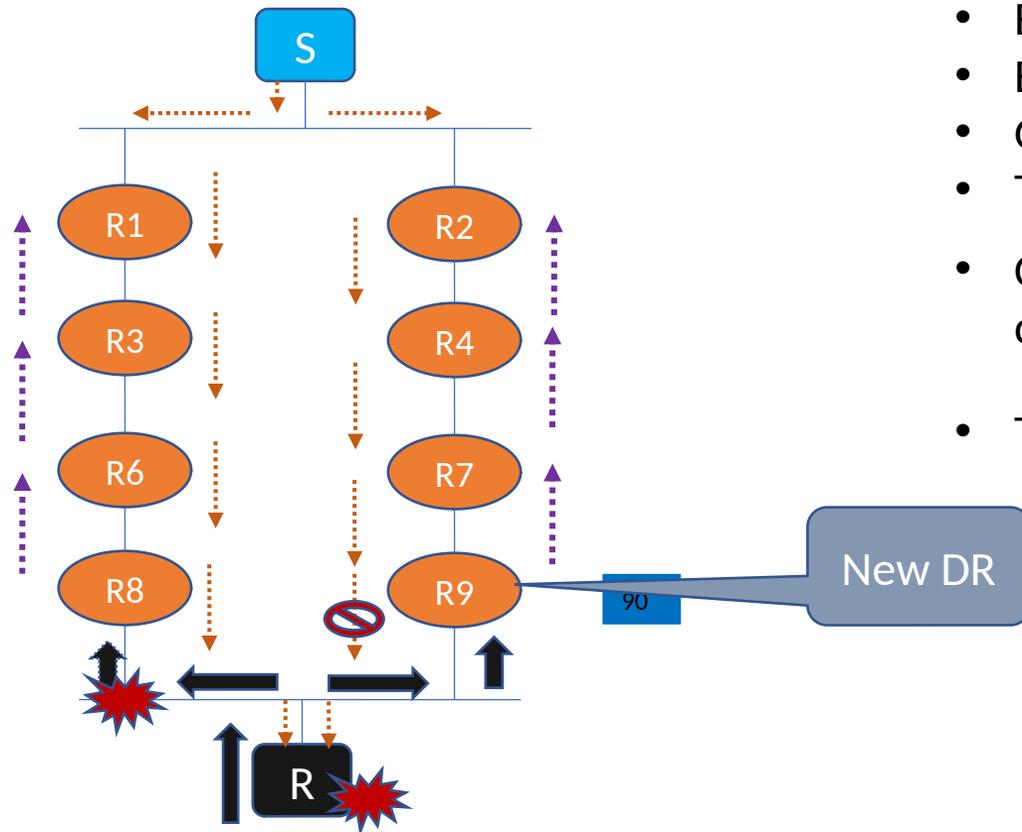
Mankamana Mishra
IETF-104

Problem Statement

- Critical multicast service can not accept traffic loss
- Can any thing be done for faster convergence ?



Have backup DR



- Backup DR (BDR) to be elected on shared LAN. It uses same algorithm defined in PIM RFC
- BDR is second best DR on LAN.
- BDR to initiate PIM join upstream.
- Only DR would be forwarding traffic on shared LAN
- Traffic resumes much faster than default one
- Current DR failed, using BFD or any other mechanism BDR detects the failure event.
- Traffic resumes much faster than default one

Change from previous version

- Made it as Informational as per WG input
- There is plan for implementation
- Adoption request, and open for other contributor.

Question & Feedback