Problem Statement

- Critical multicast service cannot accept traffic loss
- Can anything 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