# Proposal for Hot Standby in 802.1AS

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# Introduction

- Problem: Specifications for new hot standby feature in P60802/D1.1 are out of scope for P60802 PAR

  - Similar specifications would be out of scope for P802.1DG

- Solution proposed: Move hot standby specifications to new amendment of 802.1AS-rev

- 802.1AS Amendment Title: Hot Standby

  - Other topics can be addressed with other amendments

- Need motion this meeting to work on PAR next interim

  - To help motion, next slide is intended to present topics
  - PAR text would be discussed next meeting

# Ideas for Scope

1. Targeted to industrial requirements, with consideration of automotive requirements

2. Use of two domains

3. BMCA disabled in both domains

4. Specify methods to determine when a PTP Instance has detected sufficient quality to be used for hot standby
   - Issue described on line 1079 of P60802/D1.1
   - Numbers are deferred to profiles

5. After a failed domain recovers, reverting back to two domains is not automatic (requires management action)
   - Automatic reversion of transients could delay amendment