

# Geo-Replication Failover in Pending state - Portal

Last updated by | Vitor Tomaz | Aug 5, 2020 at 12:41 PM PDT

---

## Contents

- [Geo-Replication Failover in Pending state - Portal](#)
  - [Scenario](#)
  - [Cause](#)
  - [Mitigation](#)
  - [Internal Reference Doc](#)
  - [Classification](#)

## Geo-Replication Failover in Pending state - Portal

### Scenario

The Portal is showing the Geo Replication failover is Pending.

### Cause

When a forced failover is initiated the secondary (on which it was initiated) becomes a primary and will contact the other side (the old primary) to shift into a secondary role. There is currently a race-condition which is hit if failover is initiated again before the old primary has notified the new primary about the role change. At that point, both sides think they are the primary; one side is primary from the first failover attempt, and the other side is primary from the second failover attempt. So there are two failovers in-flight and do not make progress. We are in the process of fixing this defect. In the meantime, we have also improved our alerting for detecting this condition.

### Mitigation

Engineering mitigated the issue by forcing the other side to become secondary.

### Internal Reference Doc

Repair item: Fix SQL VSTS 5185264

### Classification

Root Cause: Azure SQL DB v2\GeoDR/AutoDR

### How good have you found this content?

