

# Geo Dr - Race condition issue

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#5354

## Race Condition issue

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### Issue/Symptom

1. Geo-primary showed unsynced geo-secondary. Seeding is failing frequently (e.g., every minute).
2. Geo-primary seeding DMV says failure\_message=remote side failure.
3. Geo-secondary seeding DMV says failure\_message=VDI Client Failed.
4. Geo-secondary is stuck in the state of ReseedingGeoDRTarget.

It tells that geo-secondary is cancelling the seeding because it receives another seeding request from geo-primary after 1 minute. Geo-primary sends geo-secondary seeding request repeatedly because of a race condition bug.

### Cause

There is a geodr race condition bug where geo-primary keeps sending seeding request every 1 minute to geo-secondary. This cause geo-secondary to hold up PVS (Persistent Version Store) on geo-primary leading to the PVS size growth.

### Mitiation

Engage GeoDR engineering team via ICM to fix the issue (Killing geo-primary resets in-memory states and fixes the issue)

### Confirm resolution

After mitigation, watch the "Seeding" tab in "Database Replicas.xts" view and you will see the seeding go through.

### Classification

Root cause Tree :

**How good have you found this content?**

