

*Plan A*

*Plan B*

**AllReduce**  
(before revoke)

**AllReduce**  
(before revoke)

**AllReduce**  
(revoked)

**AllReduce**  
(1<sup>st</sup> post revoke)

**AllReduce**  
(2<sup>nd</sup> post revoke)

**AllReduce**  
(3<sup>rd</sup> post revoke)

**One rank Revokes**

**Revoke notification echo**