

Next Steps toward Improving Repeatability in Benchmarking

Priority List

1. Additional SR-IOV tests
 - a. Longer trial duration (30 sec)
 - b. smaller txq and rxq sizes in testpmd on VM
 - c. use 128 octet frames
2. Adjust acceptance Tolerance during BSwLV search

General List

- Identify processes that cause transient Loss
- Identify a measurement tool that can
 - characterize bursts of loss, and
 - Timestamp loss events (even single loss) for correlation
 - Run in a Long-term mode
- Can we add a heartbeat check to the test VM loopback?
 - Timestamp interruptions of VM operation
- Observe Logical Interface drops and errors during tests.