

Benchmark Report

OKC Community Cloud - Rack 4

July 5, 2013

1. Benchmark Summary
2. System-level Performance
3. Node-level Performance
 - (a) Network Performance
 - (b) CPU Performance
 - (c) Memory Statistics
 - (d) Load Summary
4. Disk-level Performance

Workload Description

Object Size	1MB
Read:Write Ratio	1:0
Number of Containers	50
Concurrency Range	10 - 140
Concurrency Step	10

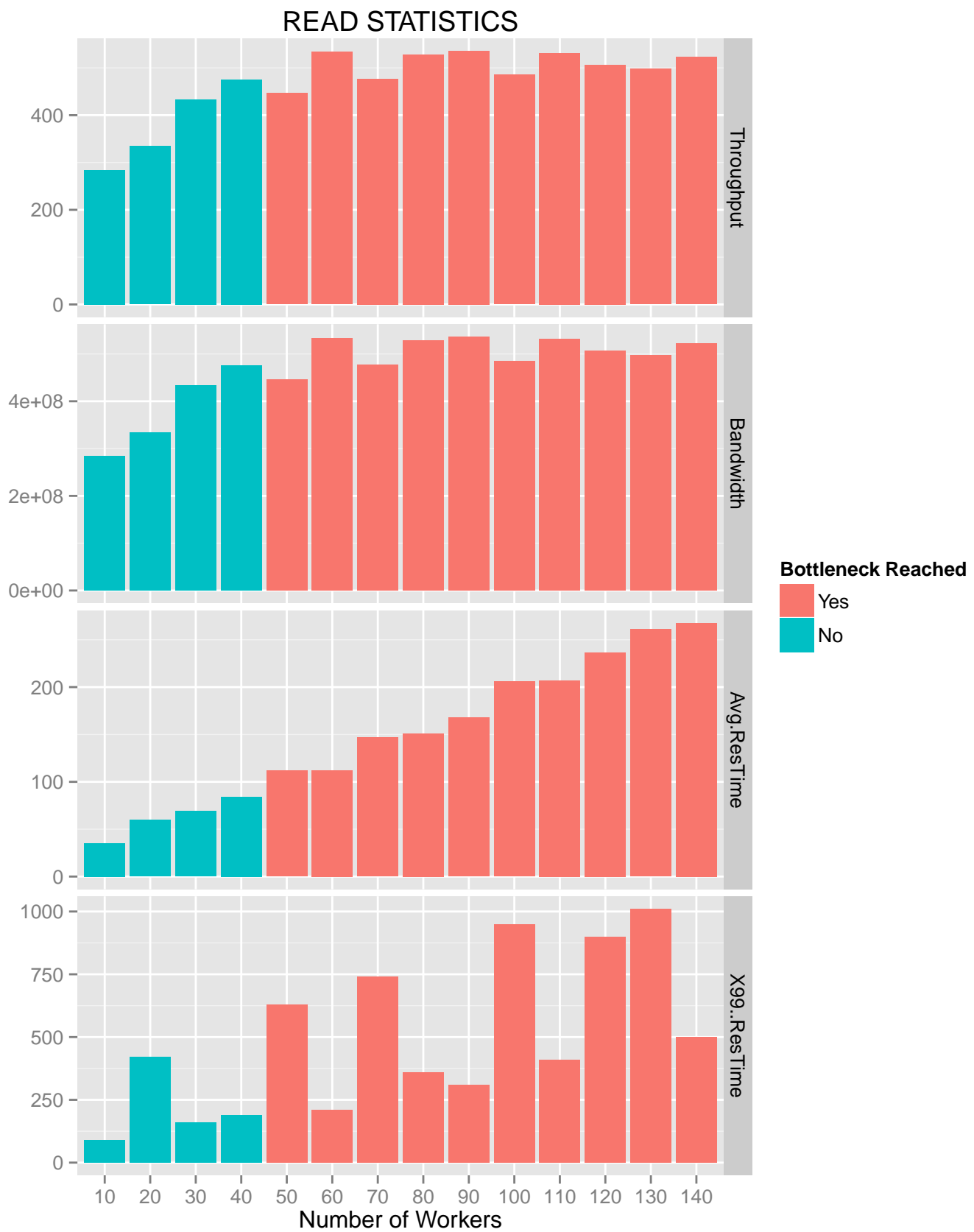
Benchmark Results

Optimal Concurrency	50 workers
Bandwidth Attained	4.11 Gbps
Average Response Time	107 ms
95%ile Response Time	205 ms

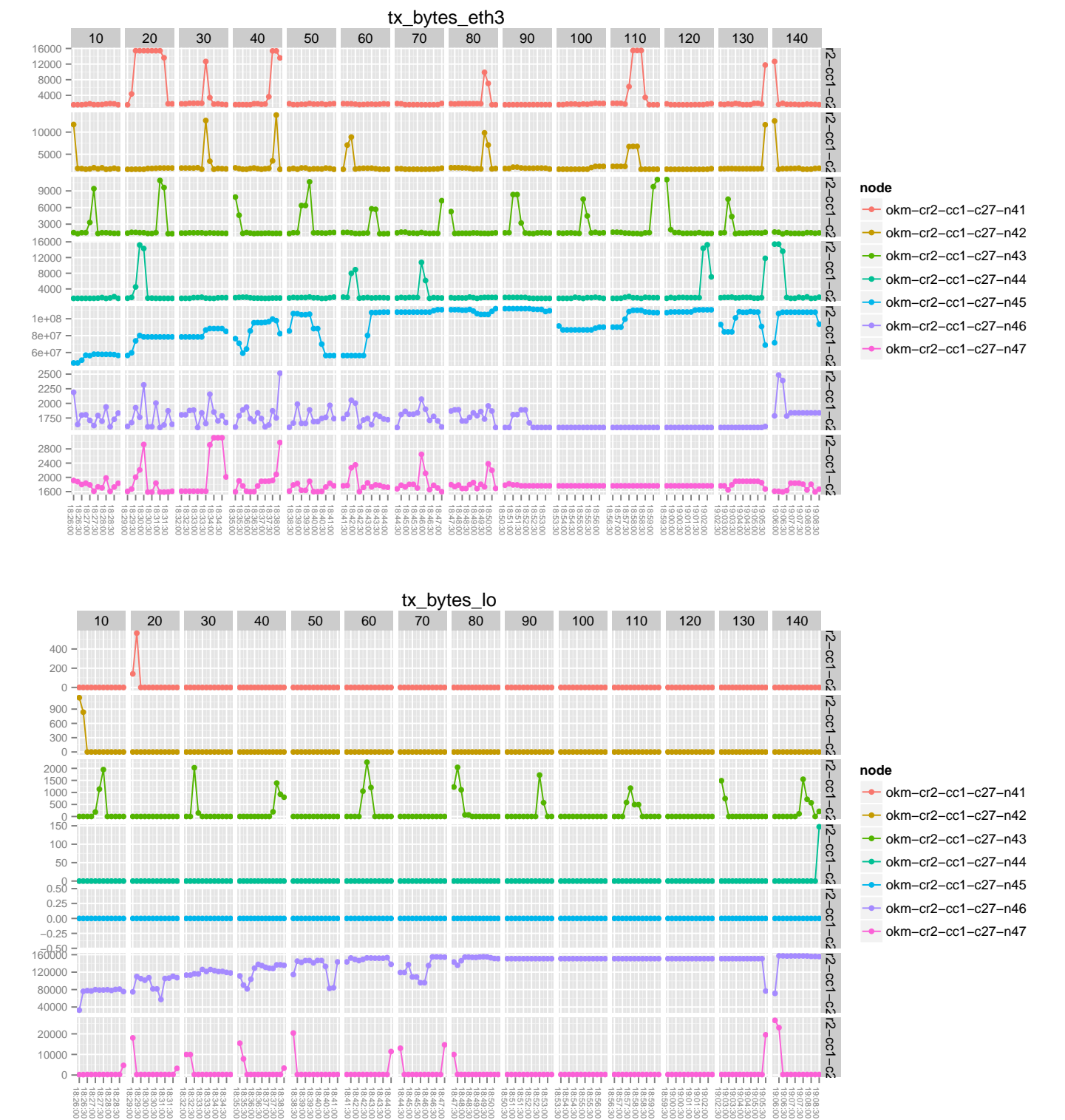
Resource Utilization

node	bytes_in	bytes_out	cpu_user	mem_free
okm-cr2-cc1-c27-n41	0.00562 Gbps	0.832 Gbps	2.81%	129 GB
okm-cr2-cc1-c27-n42	0.00574 Gbps	0.847 Gbps	2.81%	129 GB
okm-cr2-cc1-c27-n43	0.0057 Gbps	0.82 Gbps	2.67%	129 GB
okm-cr2-cc1-c27-n44	0.00576 Gbps	0.857 Gbps	2.69%	129 GB
okm-cr2-cc1-c27-n45	0.00847 Gbps	0.813 Gbps	2.72%	129 GB
okm-cr2-cc1-c27-n46	4.13 Gbps	4.21 Gbps	7.32%	129 GB
okm-cr2-cc1-c27-n47	4.06 Gbps	0.0563 Gbps	1.26%	127 GB

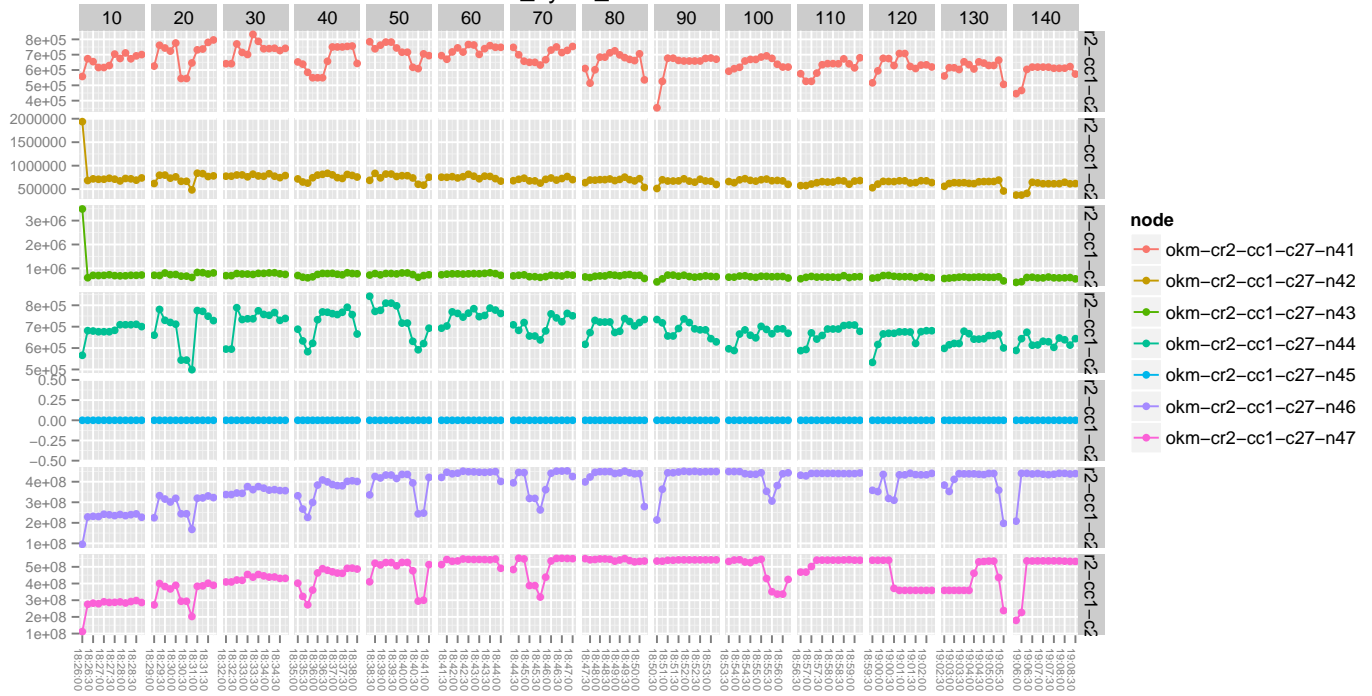
System-level Metrics



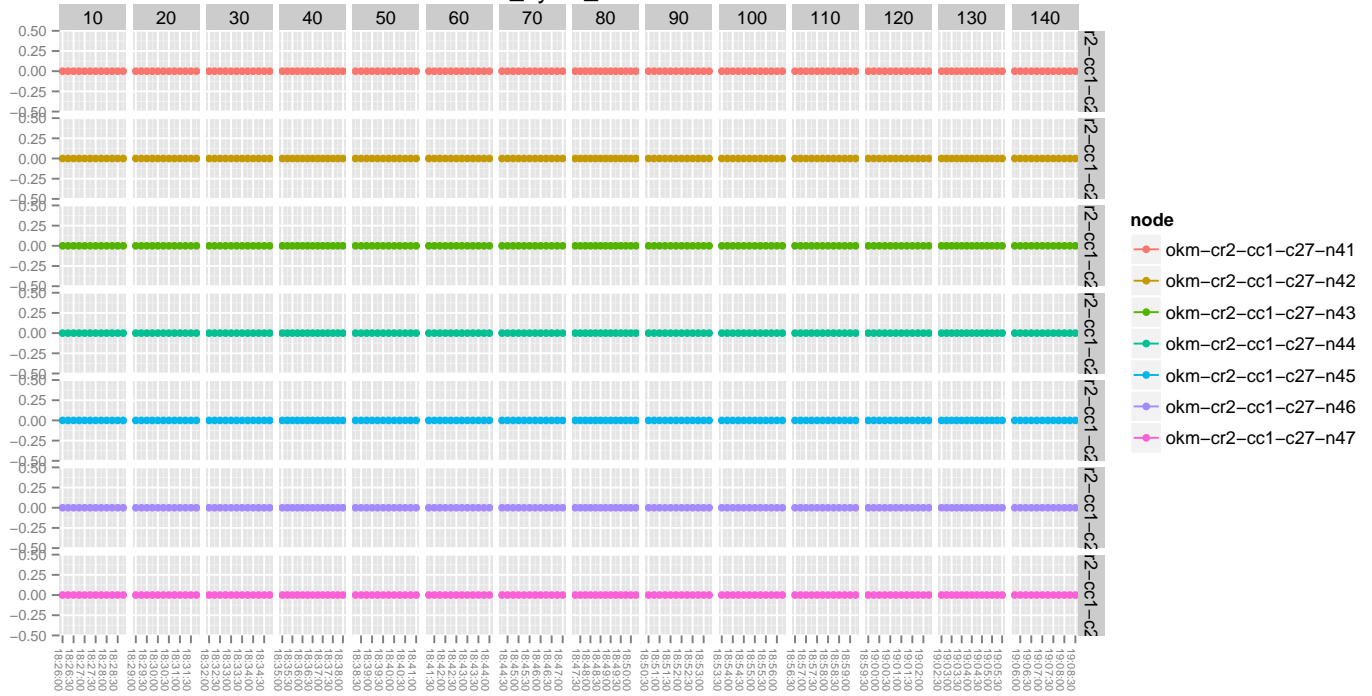
Node-level Metrics

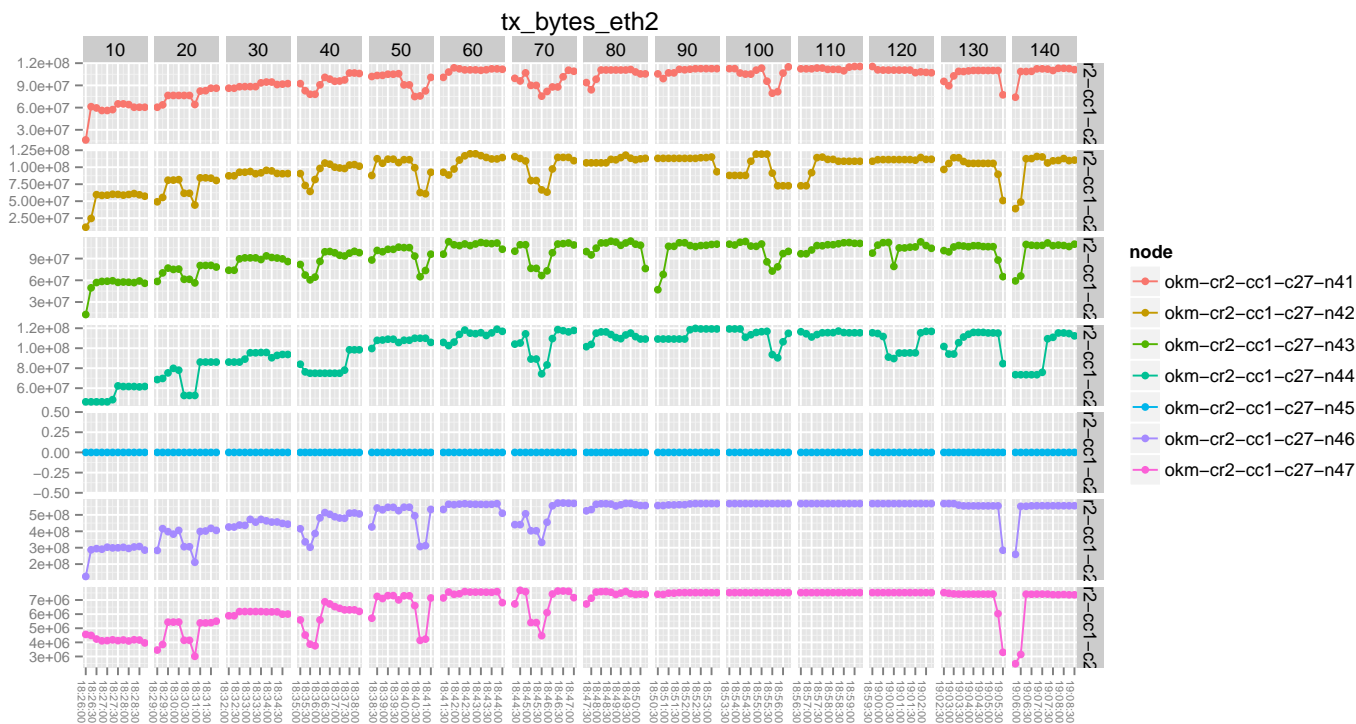
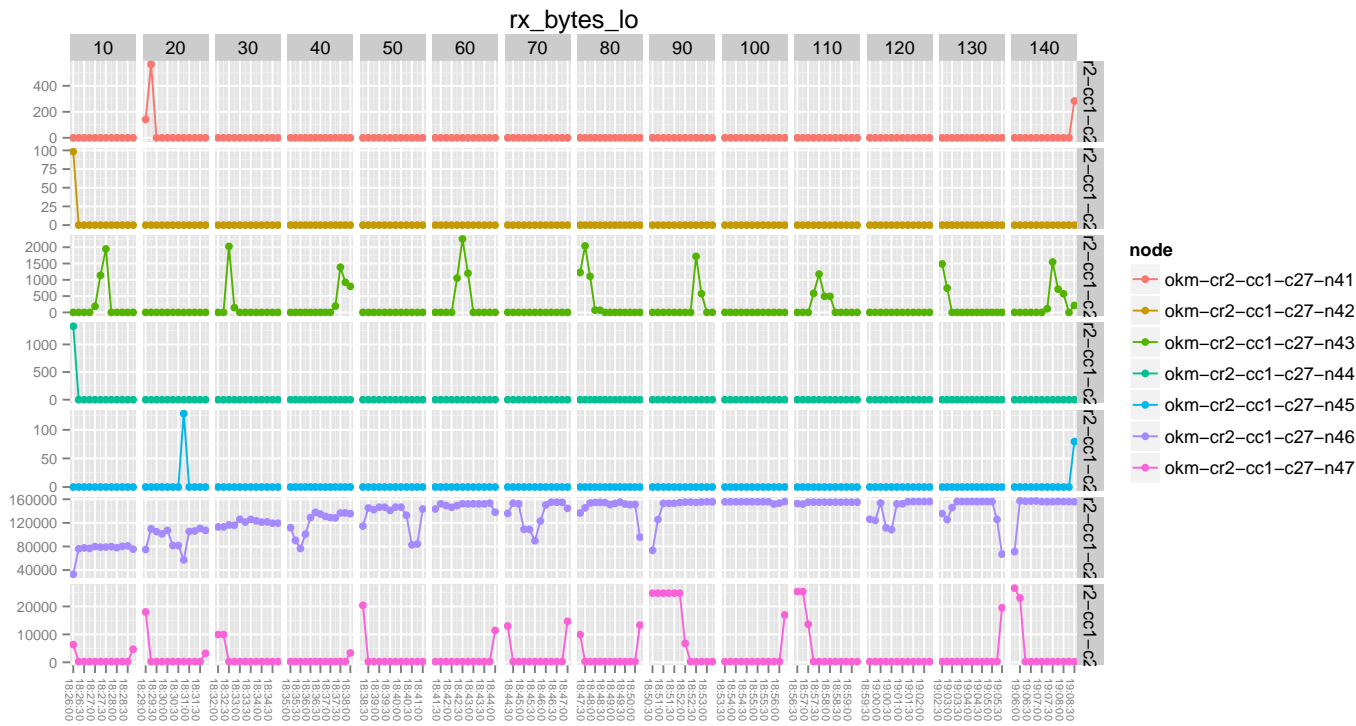


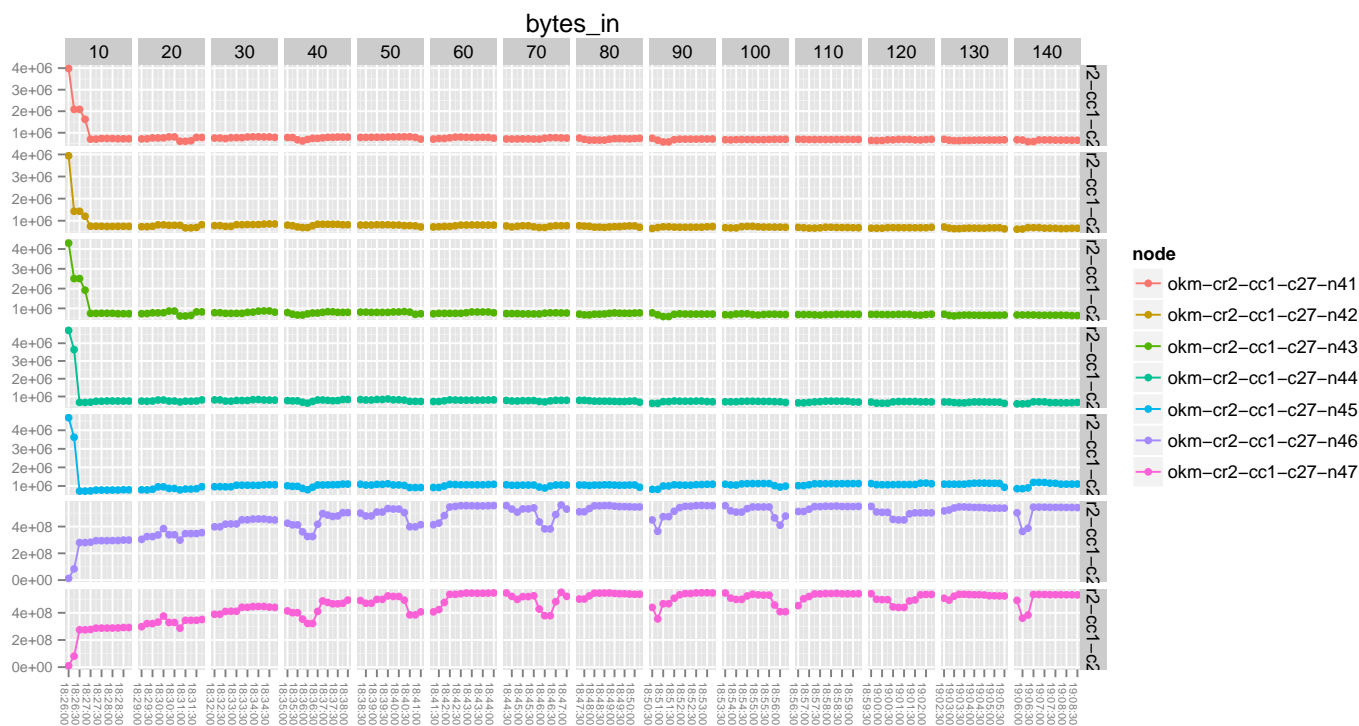
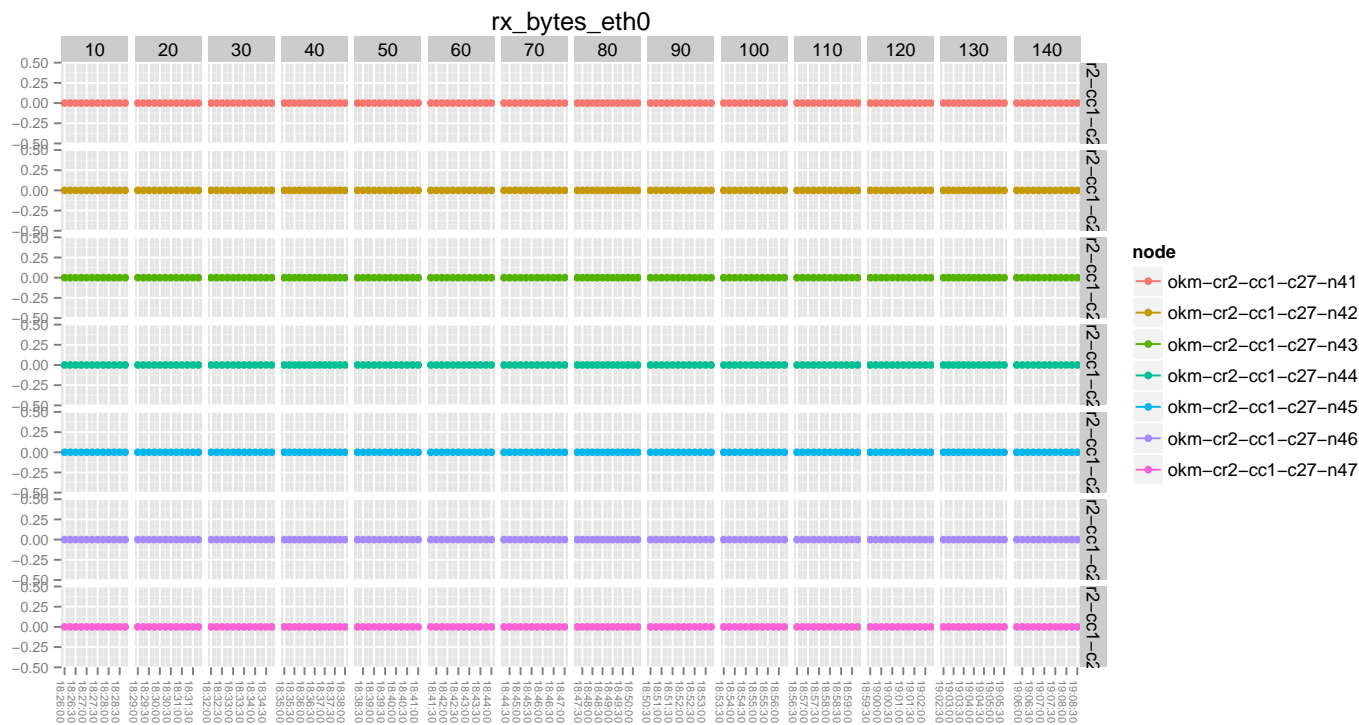
rx_bytes_eth2

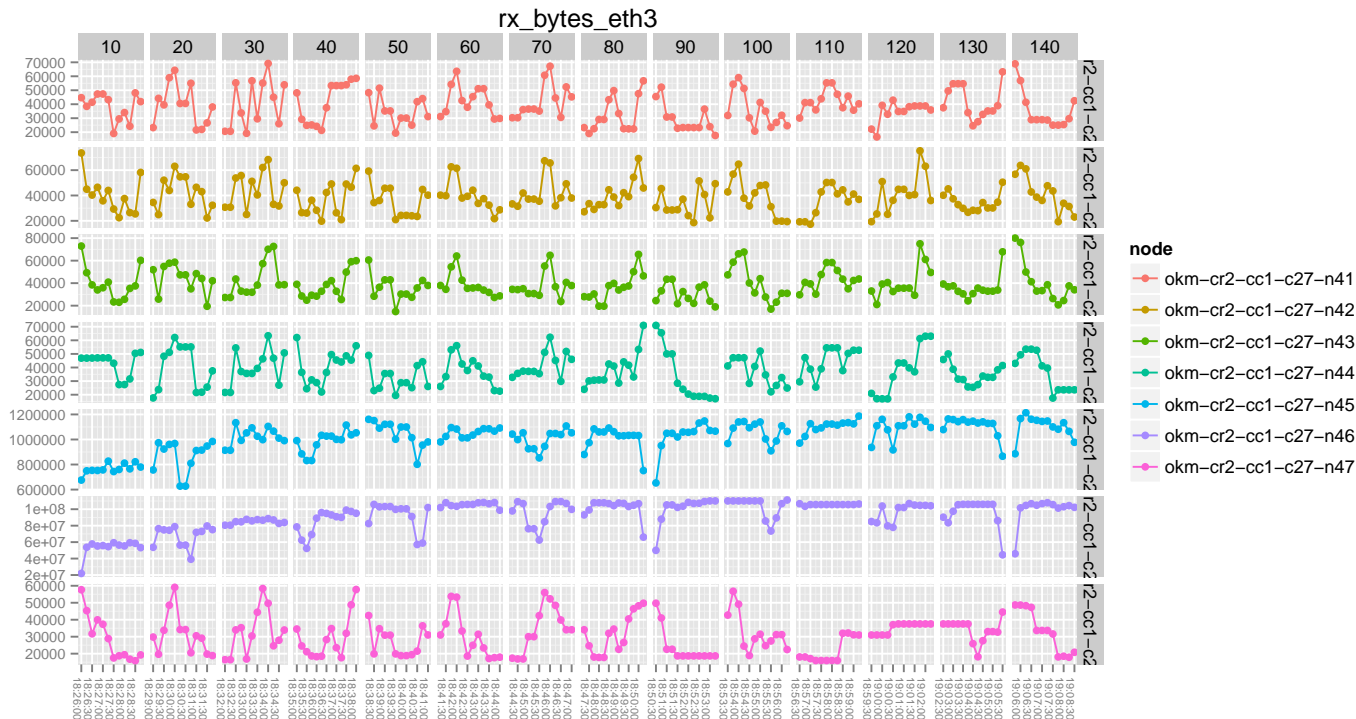
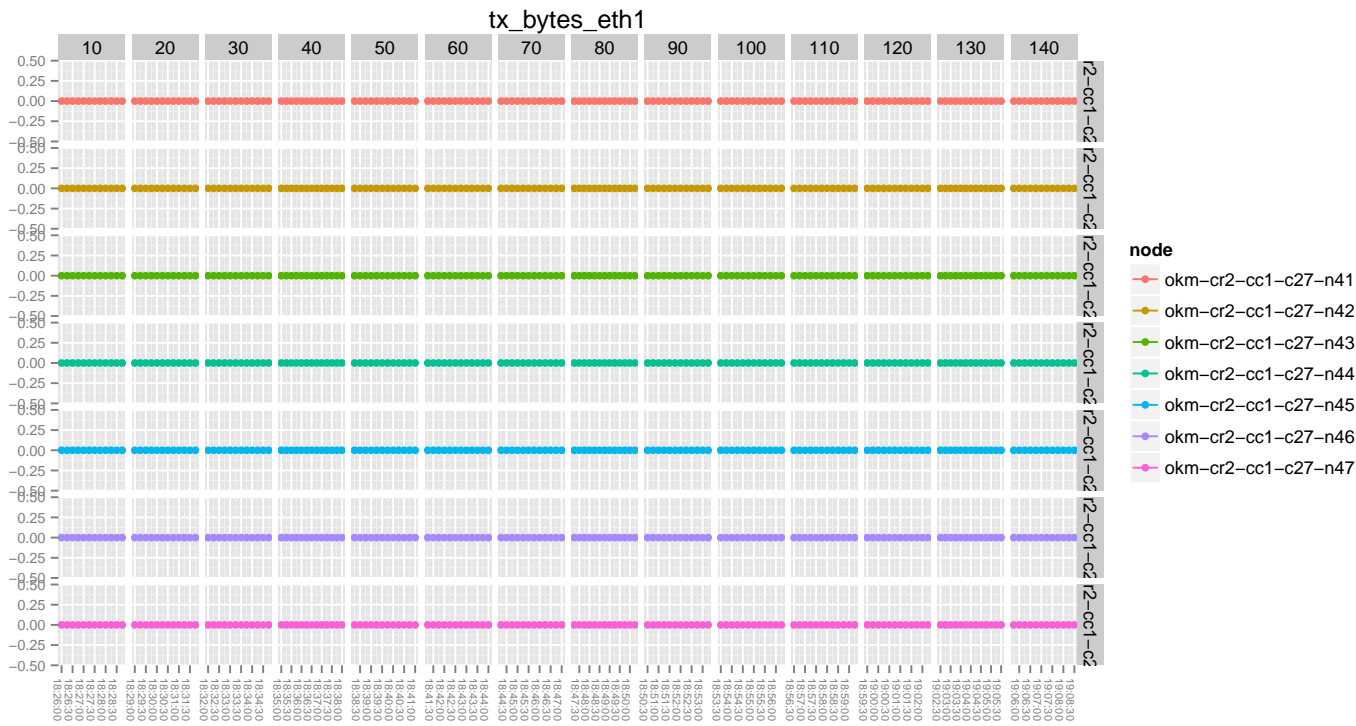


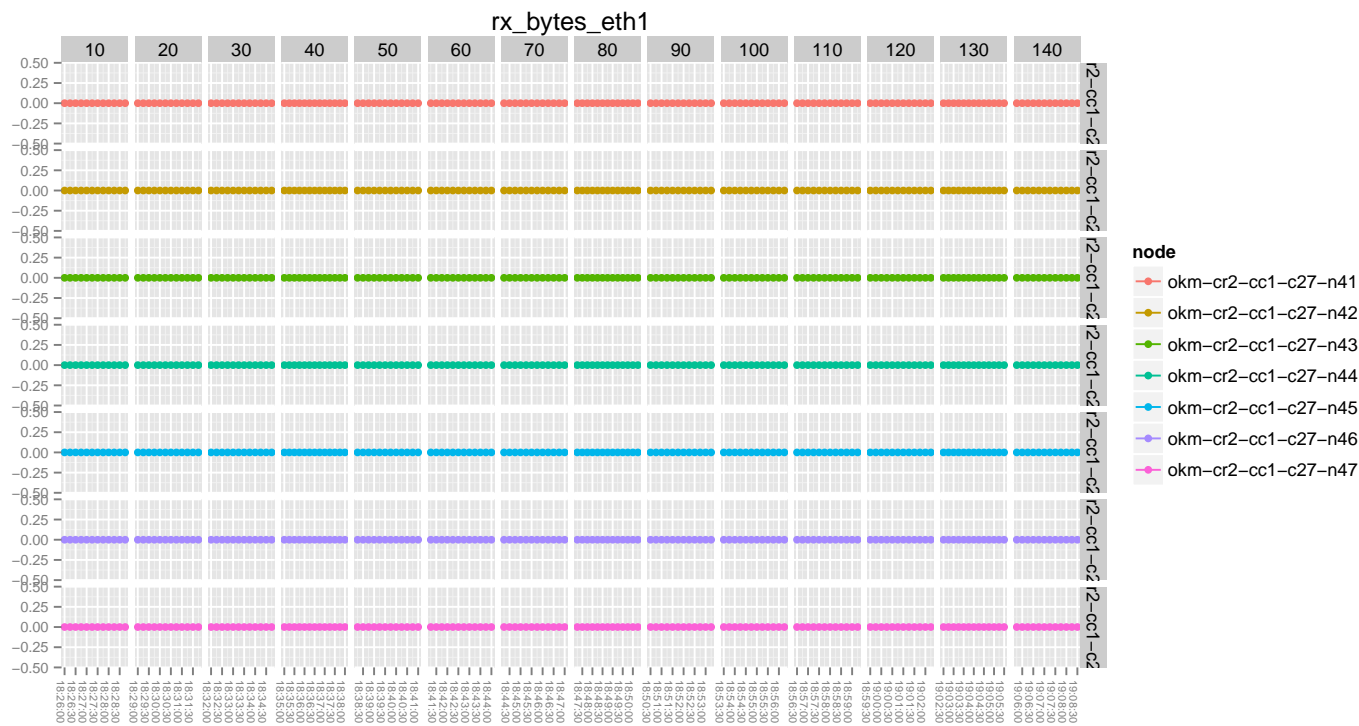
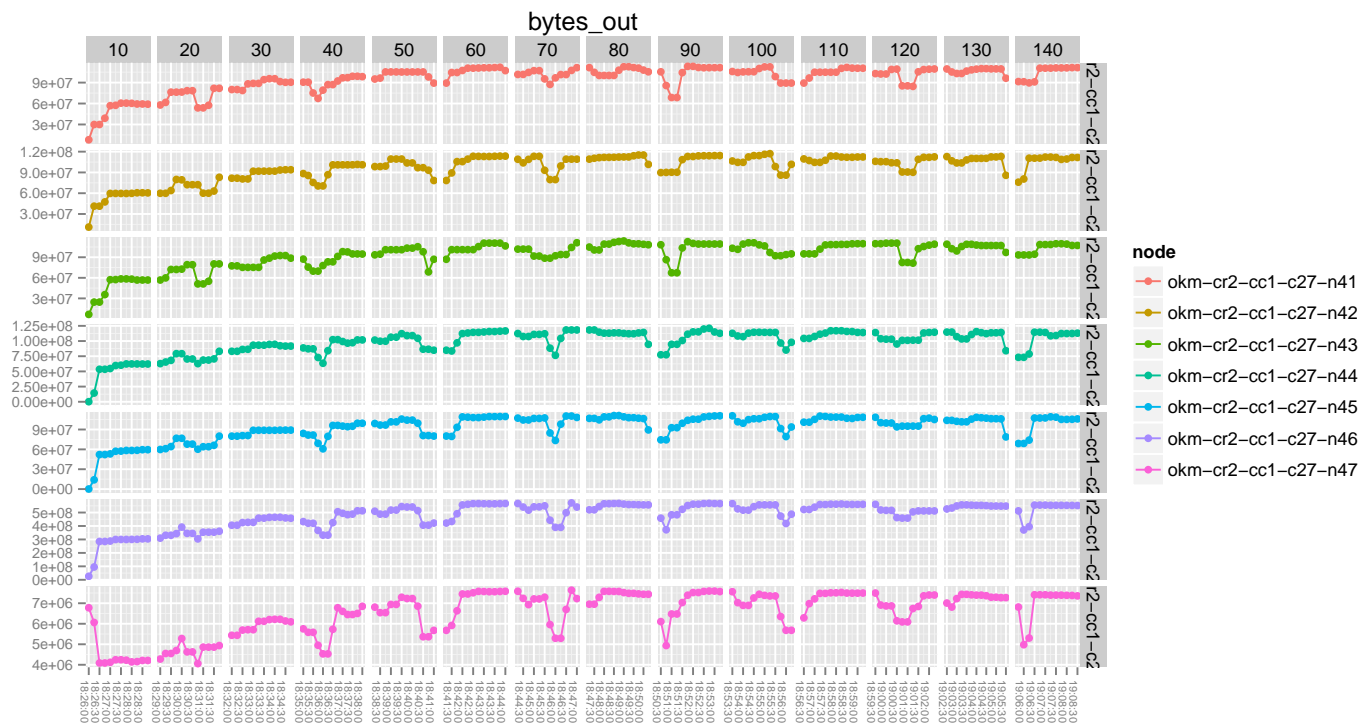
tx_bytes_eth0

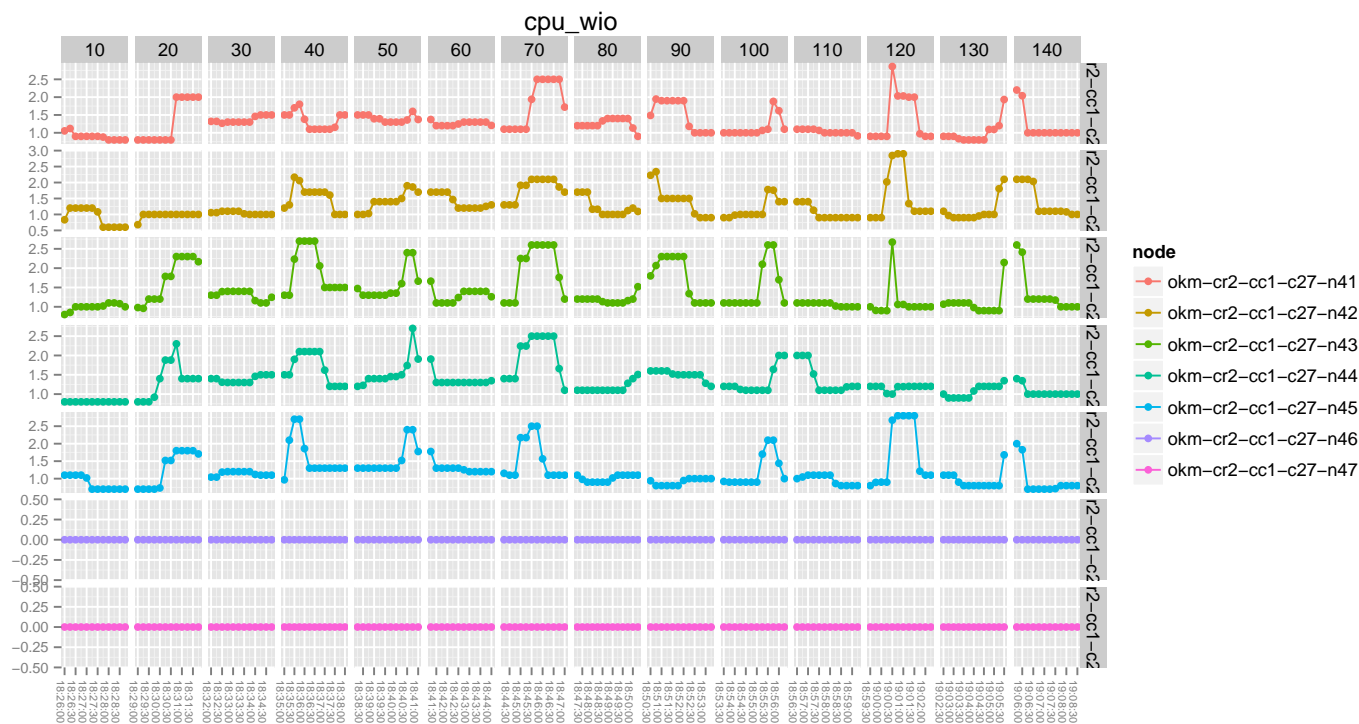
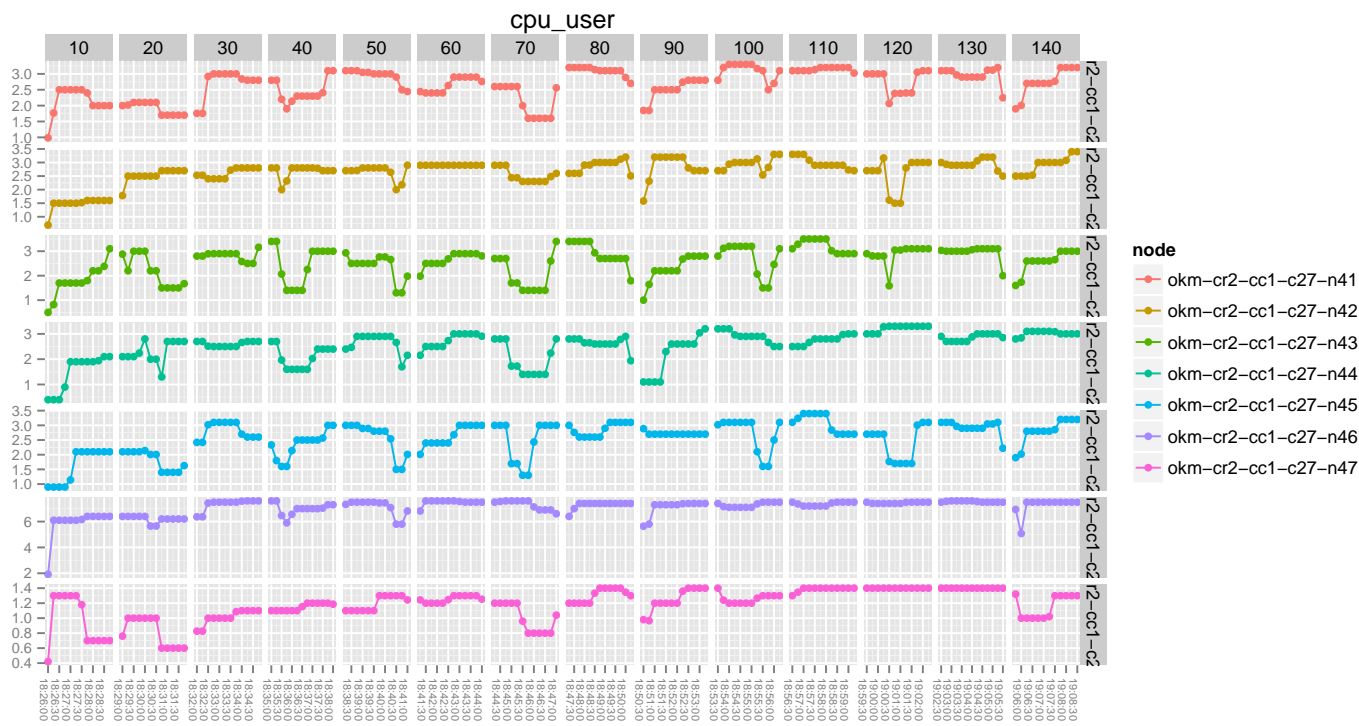


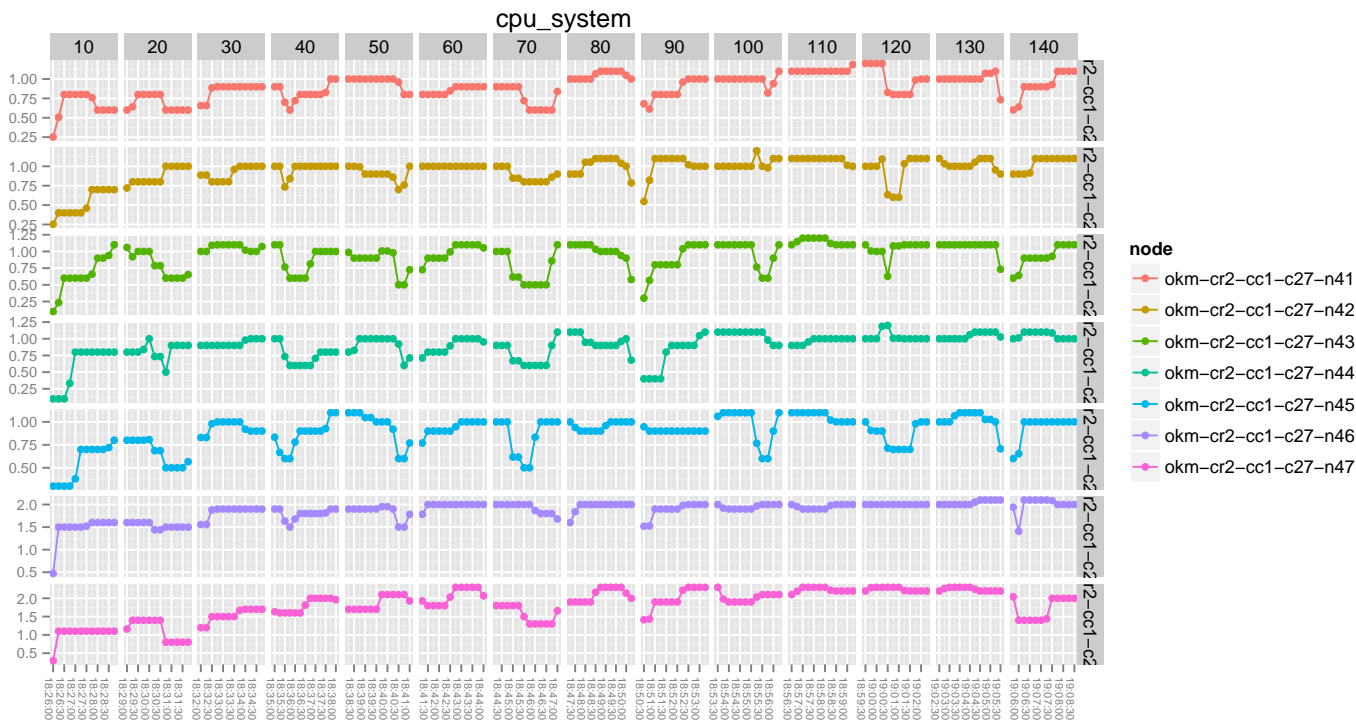
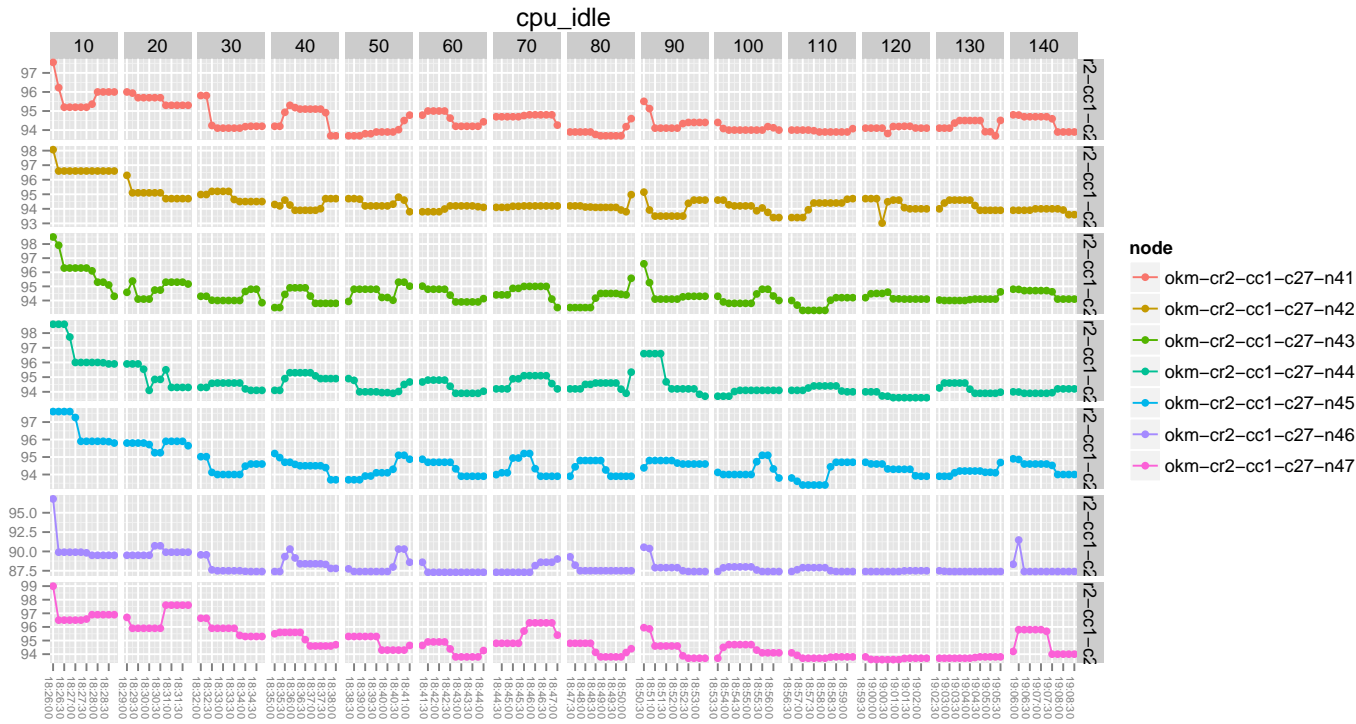


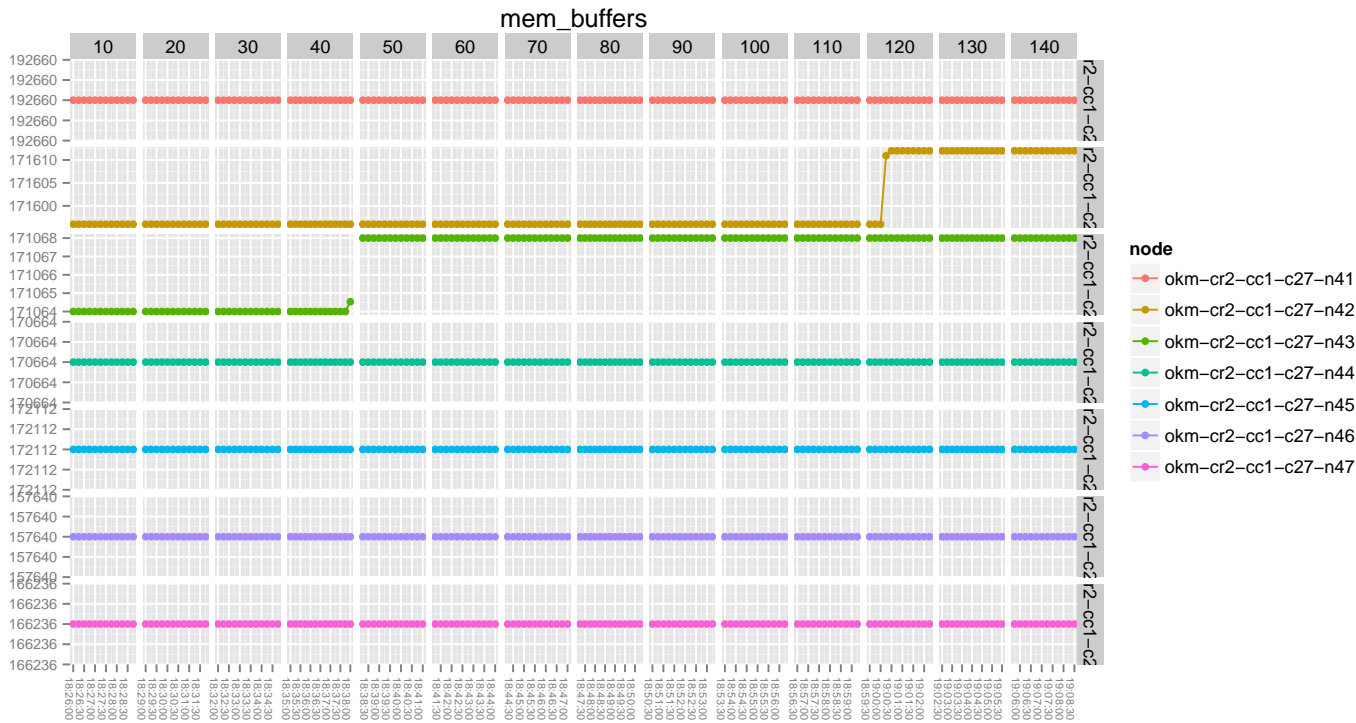
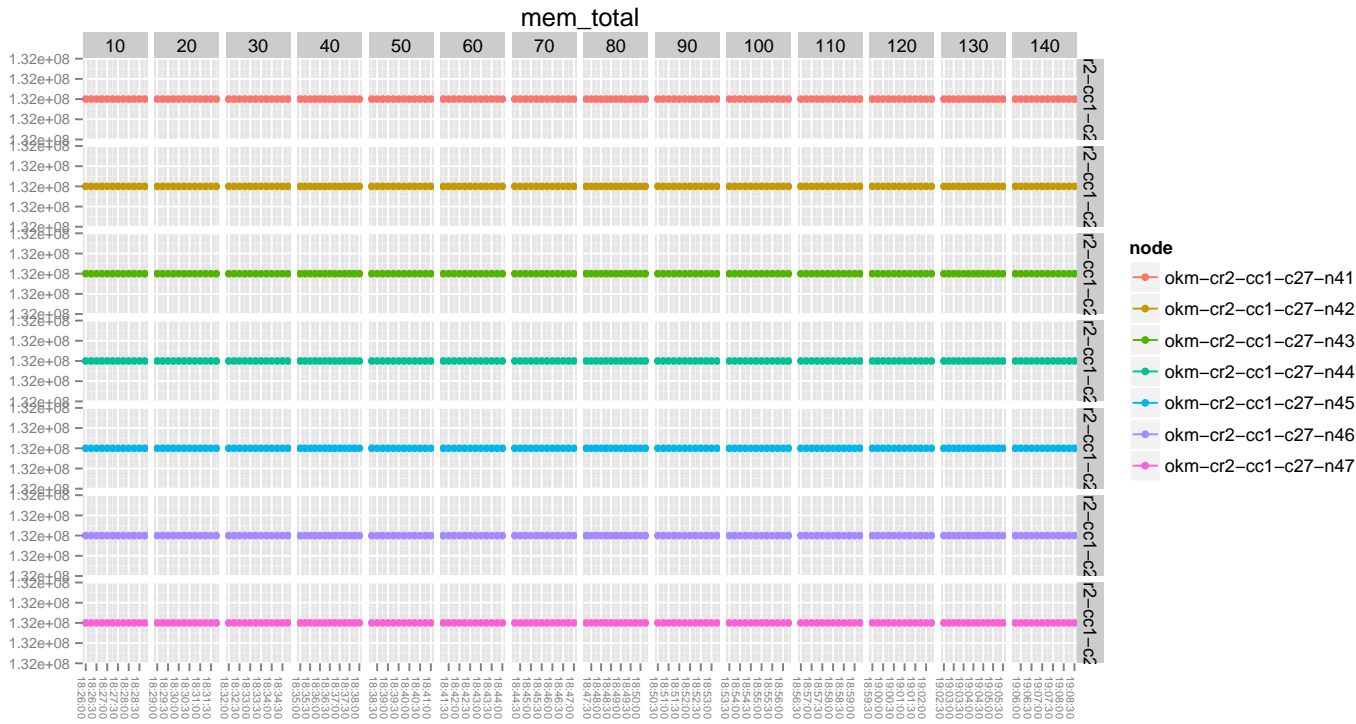




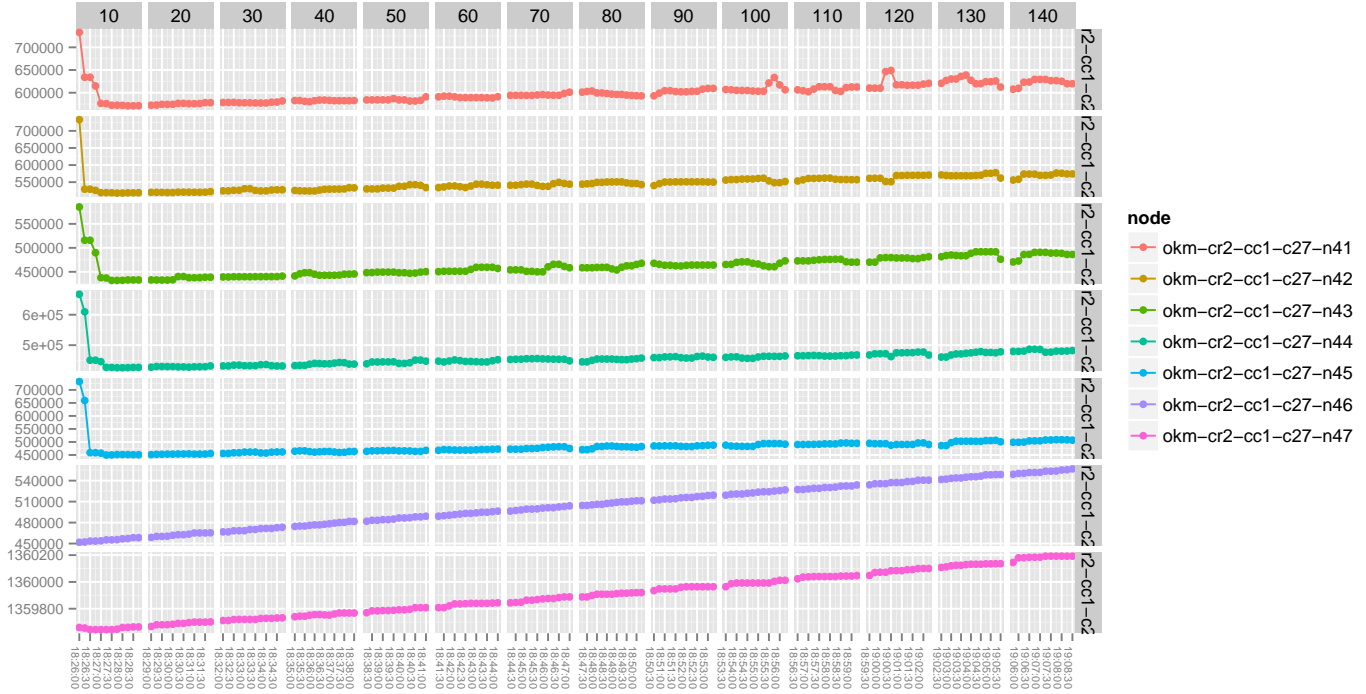




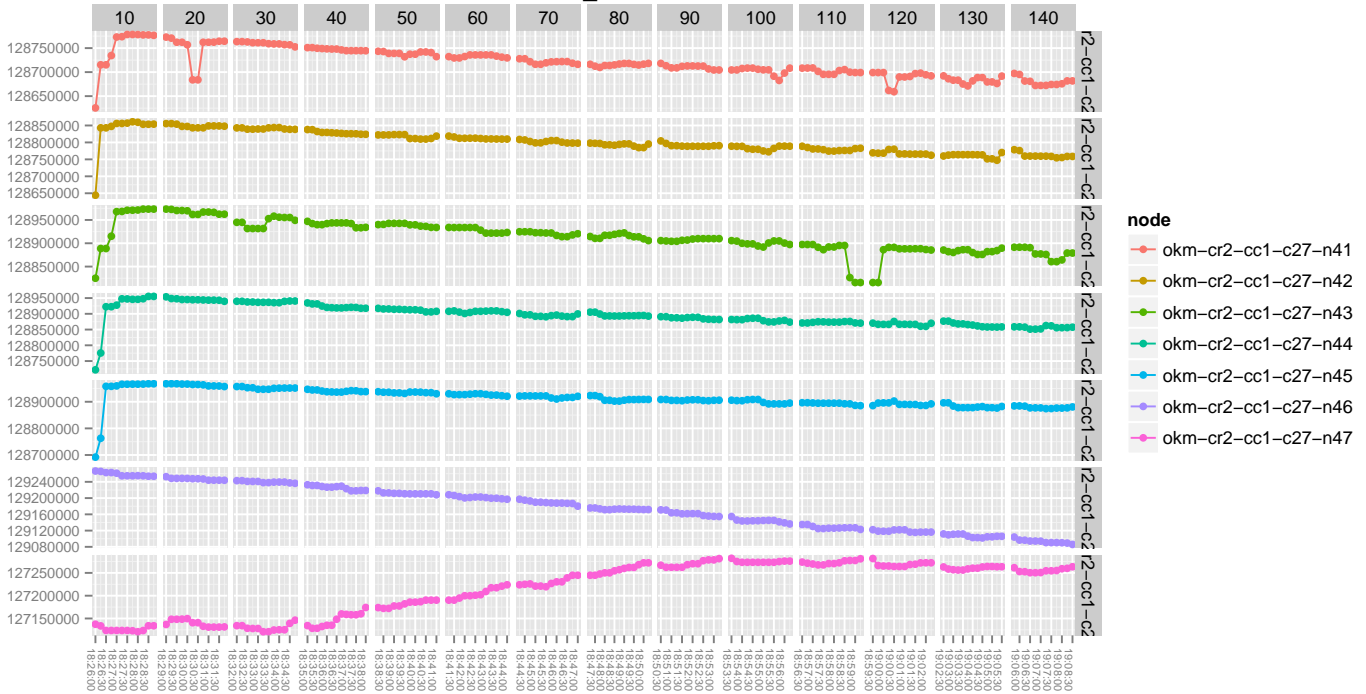


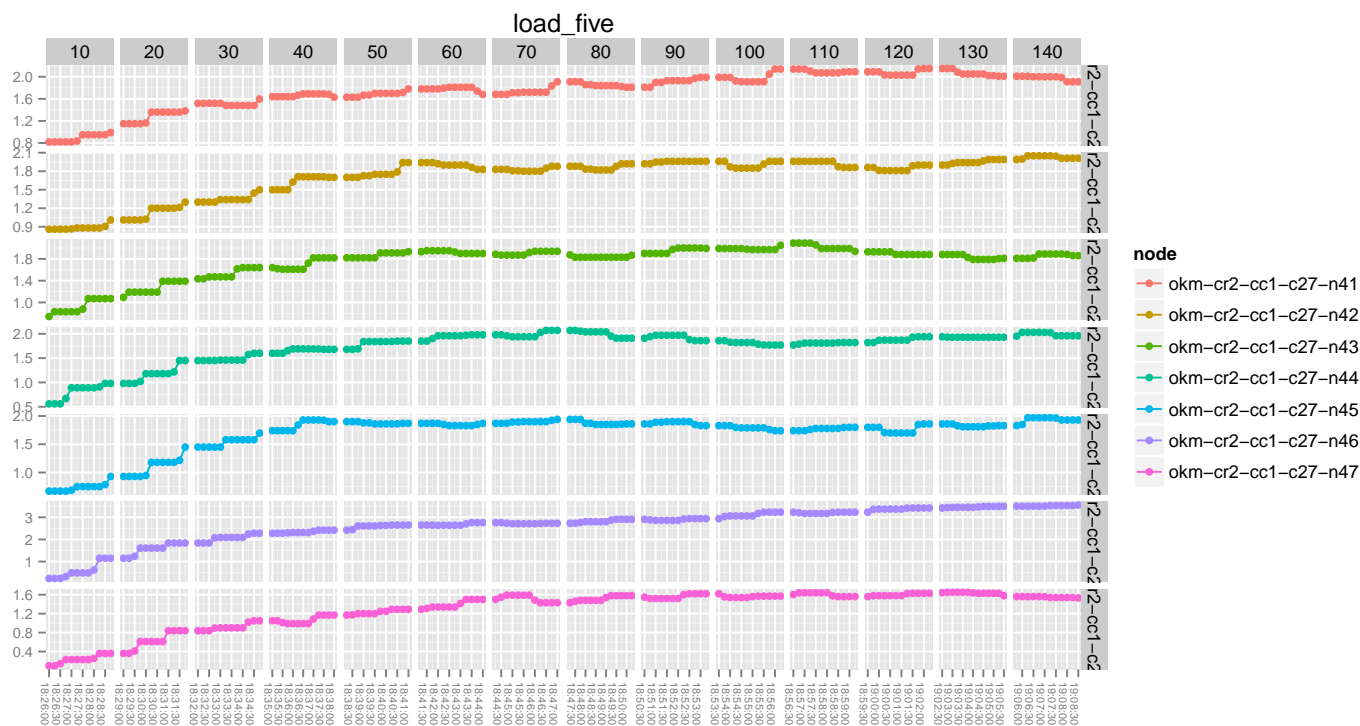
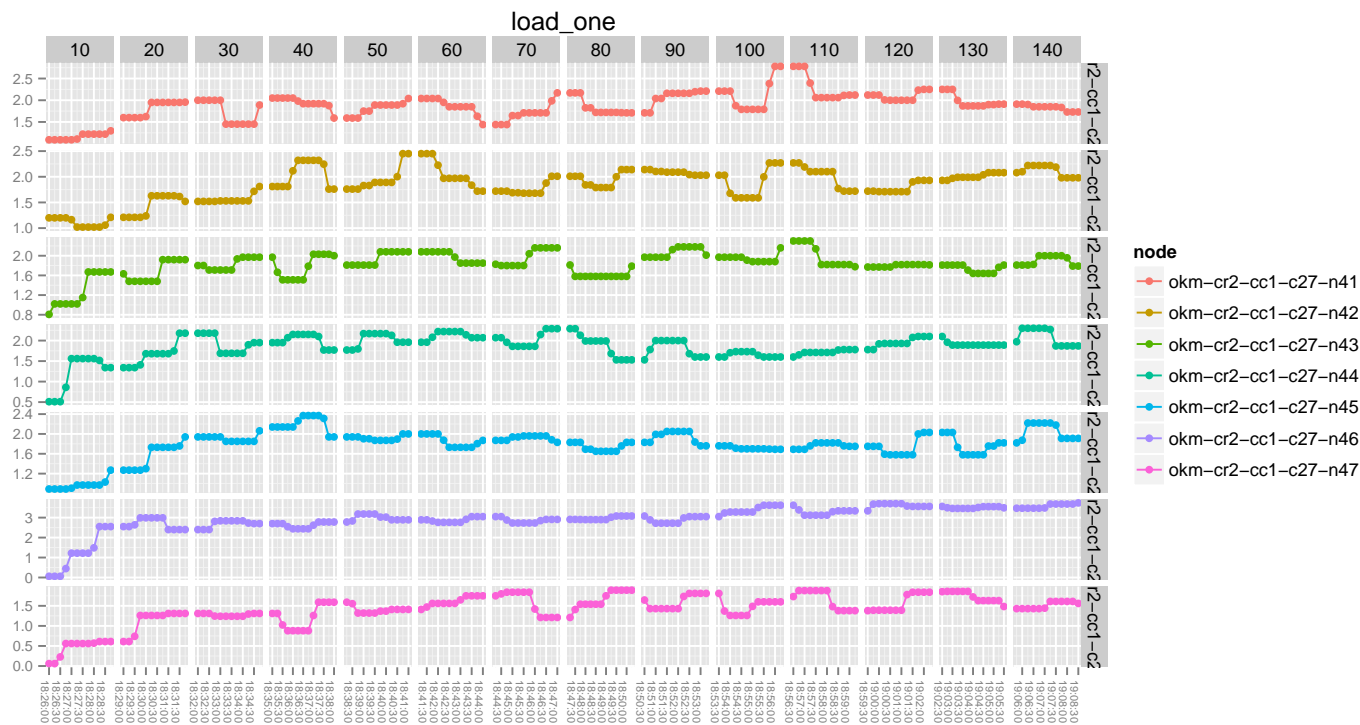


mem_cached

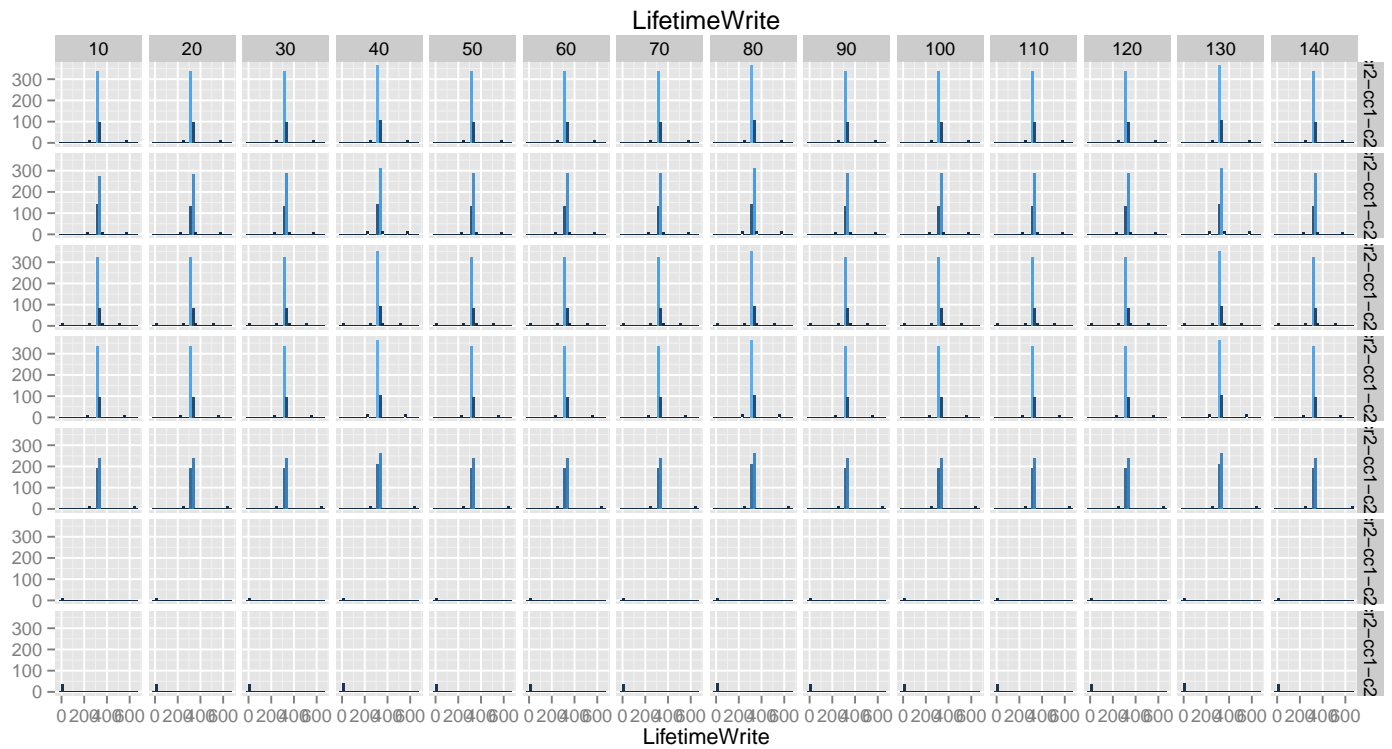
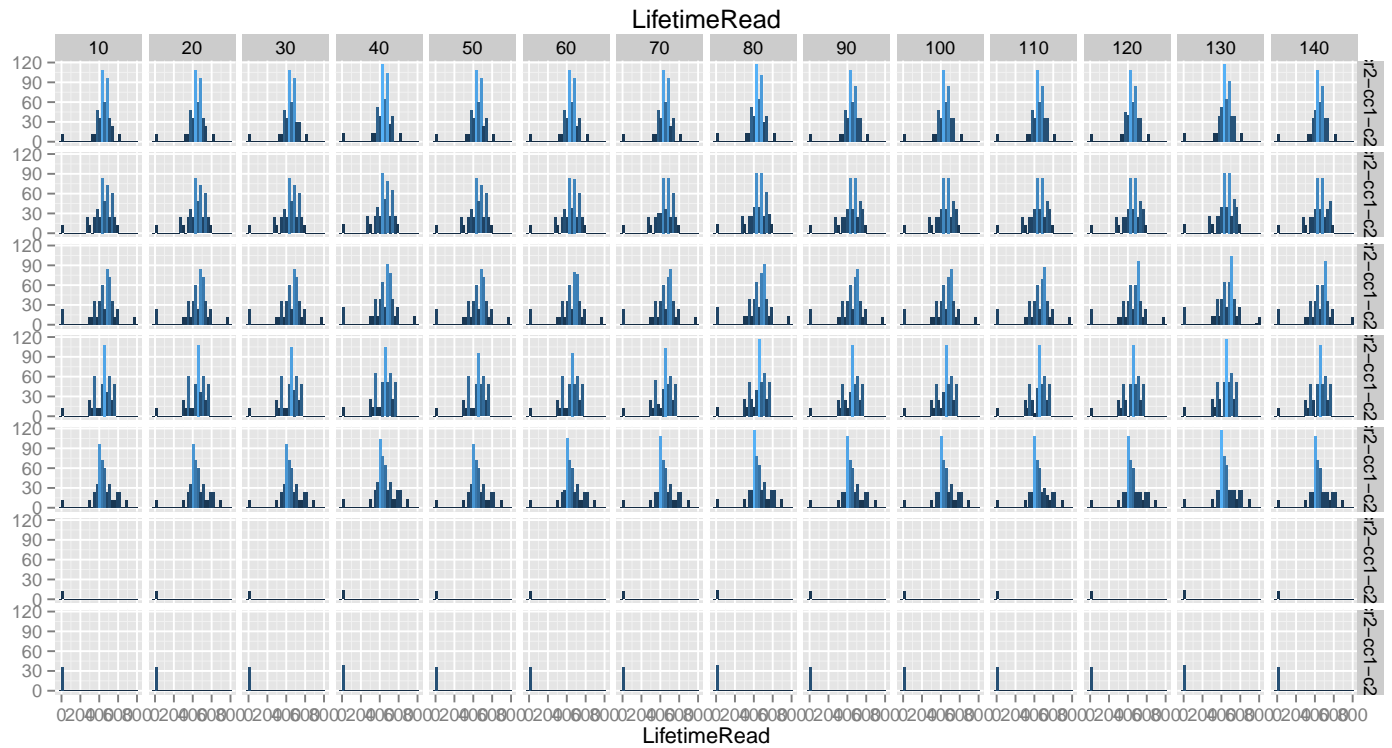


mem_free

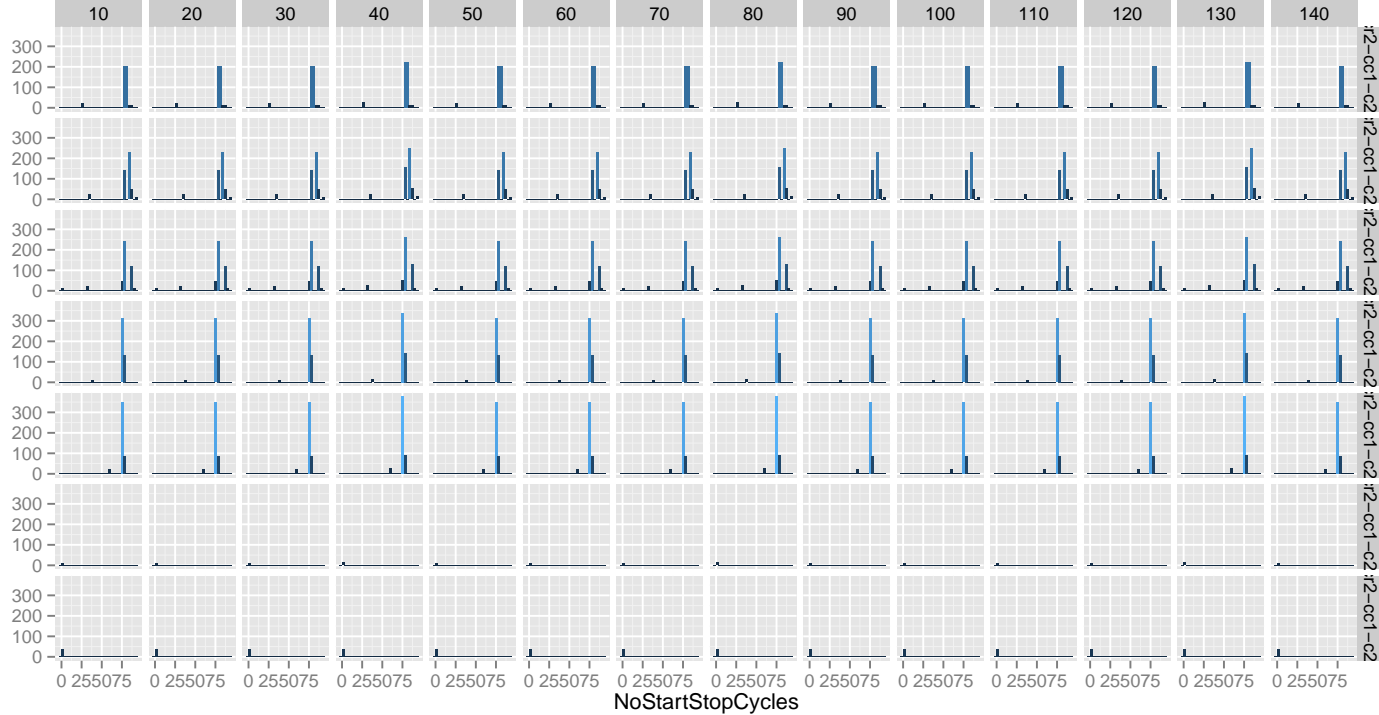




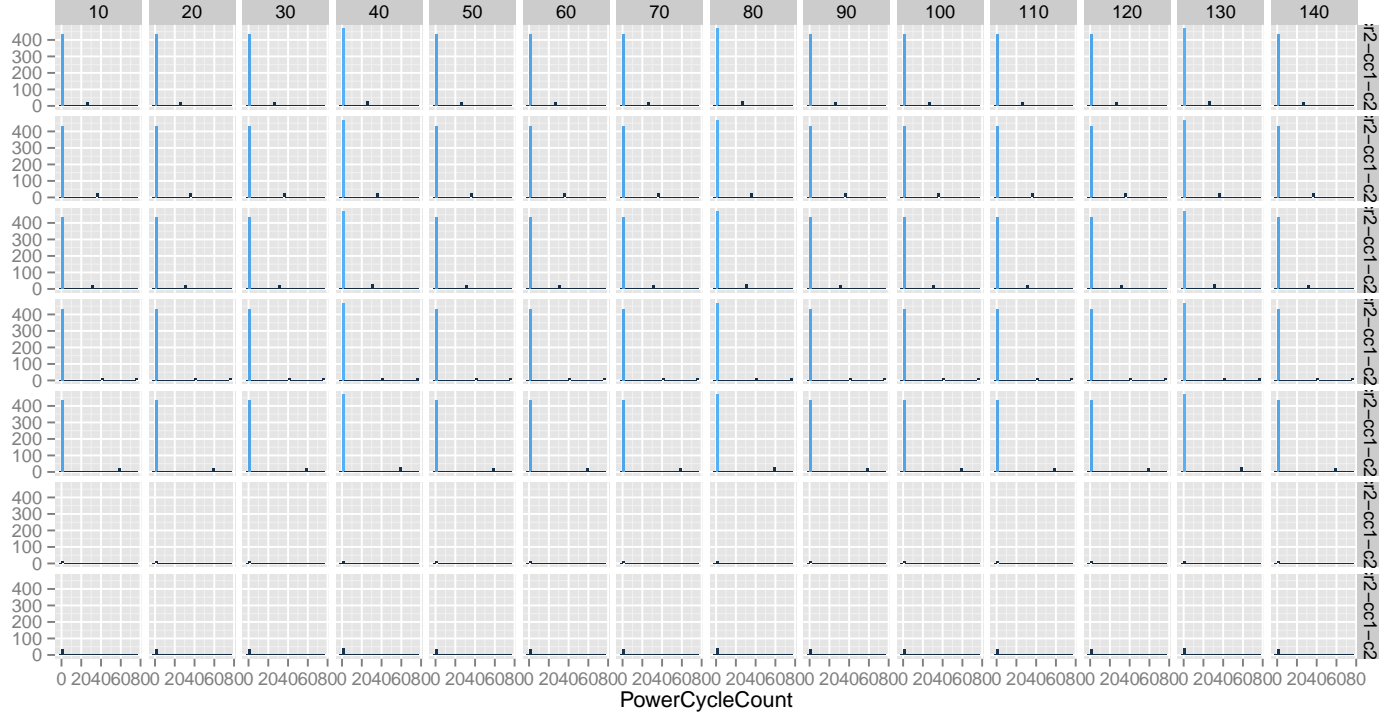
Drive-level Metrics



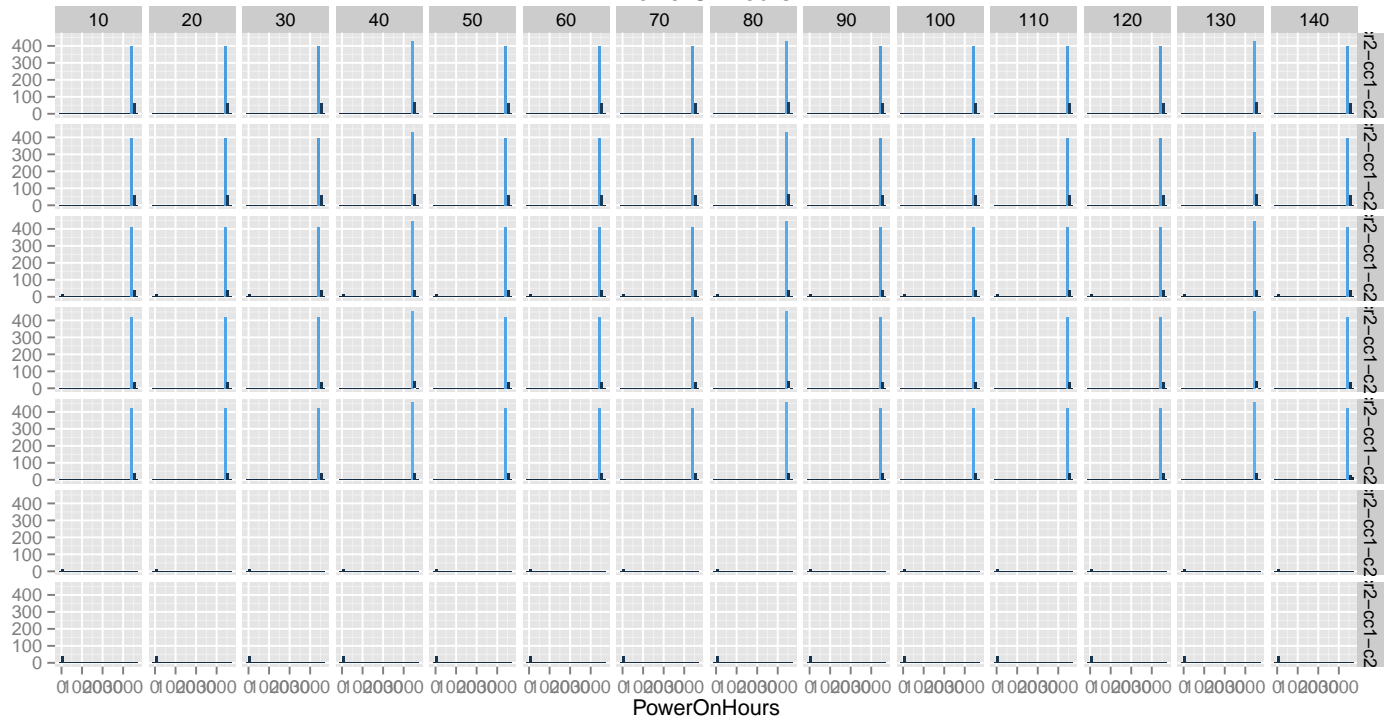
NoStartStopCycles



PowerCycleCount



PowerOnHours



Temperature

