




OpsCenter:

Cluster Management Doesn't Have To Be Hard

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Dashboard



DASHBOARD

CLUSTER

- RING VIEW
- PHYSICAL VIEW
- LIST VIEW

EVENTS & ALERTS

PERFORMANCE

DATA MODELING

DATA EXPLORER

HADOOP JOBS

Install Agents

r-a642a5c9 (Brisk 0.0.1-SNAPSHOT) [More Info](#)


Datacenter Cassandra Datacenter Brisk

20 nodes **20 nodes**

Events & Alerts

Time	Level	Message
7/10/2011 2:21pm	Info	Node reported as being up: 10.202.53.41
7/10/2011 2:20pm	Alert	Node reported as being down: 10.202.53.41
7/10/2011 2:20pm	Info	Node reported as being up: 10.202.53.41
7/10/2011 2:20pm	Alert	Node reported as being down: 10.202.53.41
7/10/2011 2:15pm	Info	Node reported as being up: 10.116.94.130

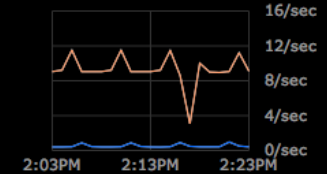
Storage Capacity



Used: 121 GB
Free: 32 TB
Total: 32 TB

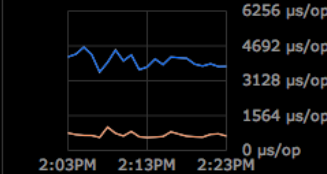
40 of 40 nodes connected

Cluster Reads & Writes



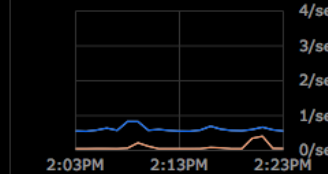
■ Writes (Total) ■ Reads (Total)

Cluster Latency



■ Writes (Average) ■ Reads (Average)

Disk IOPS



■ Writes (Average) ■ Reads (Average)

v1.2

Standard Monitoring

- DASHBOARD
- CLUSTER
- EVENTS & ALERTS
- PERFORMANCE
- DATA MODELING
- DATA EXPLORER

Install Agents

Performance Metrics » Standard Preset

Add Graph

20m
Hour
Day
Week
Month

Jul 10 11:55PM - Jul 11 12:55AM

Cluster Write Latency (Edit Graph) X

265668 µs/op
199251 µs/op
132834 µs/op
66417 µs/op
0 µs/op

7/10 11:55PM
12:10AM
12:25AM
12:40AM
12:55AM

Min
Max
Average

Cluster Read Latency (Edit Graph) X

30368 µs/op
22776 µs/op
15184 µs/op
7592 µs/op
0 µs/op

7/10 11:55PM
12:10AM
12:25AM
12:40AM
12:55AM

Min
Max
Average

OS: Load (Edit Graph) X

4.80
3.60
2.40
1.20
0

7/10 11:55PM
12:10AM
12:25AM
12:40AM
12:55AM

Min
Max
Average

OS: Memory (Edit Graph) X

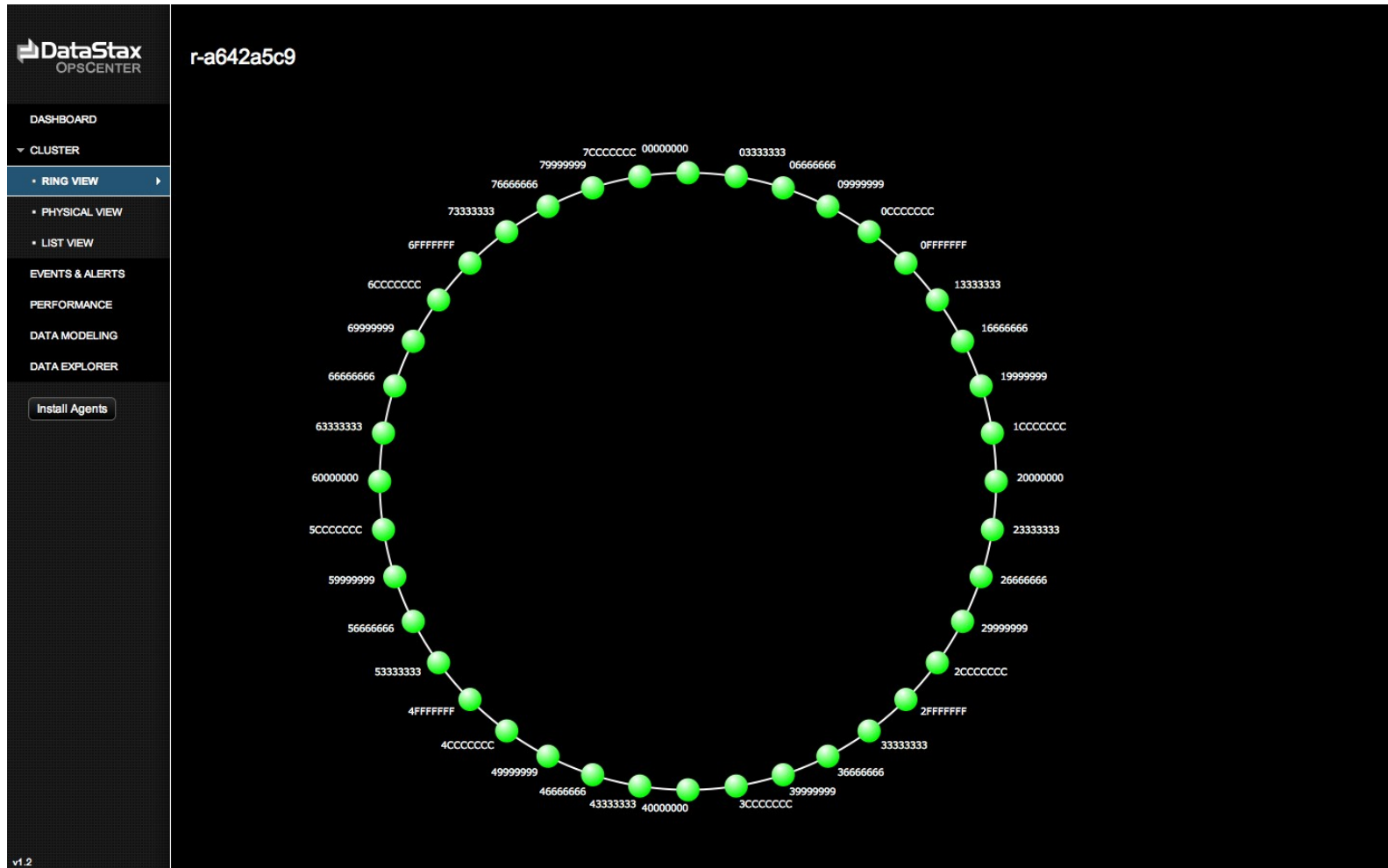
8152 MB
6114 MB
4076 MB
2038 MB
0 MB

7/10 11:55PM
12:10AM
12:25AM
12:40AM
12:55AM

Used (Average)
Cached (Average)
Buffered (Average)

v1.2

Ring Visualization



What's On The Way

- **Ring Balancing**
- **Capacity Warnings**
- **Cluster Provisioning**
- **Tuning Advice**
- **Cluster Wide Operations**
- **Backup Management**
- **Lots more...**

Feedback / Suggestions

- **Download:**
<http://www.datastax.com/opscenter>
- **Support Forums:**
www.datastax.com/dev
- **Mike Bulman - mike@datastax.com**