



# RANGE REPORT FOR R199

Range r199 at 2018-05-04 17:47:59 UTC

ID	n1 s1 r199/1	n2 s2 r199/5	n5 s5 r199/2
Key Range	/Table/54/3/1010108/2018-C	/Table/54/3/1010108/2018-C	/Table/54/3/1010108/2018-C
Problems			
Raft State	follower	leader	follower
Quiescent	quiescent	quiescent	quiescent
Lease Type	epoch	epoch	epoch
Lease State	valid	valid	valid
Lease Holder	n2 s2 r199/5	n2 s2 r199/5	n2 s2 r199/5
Lease Epoch	5	5	5
Lease Start	2018-05-01 22:05:58	2018-05-01 22:05:58	2018-05-01 22:05:58
Lease Expiration	-	-	-
Lease Applied Index	18849810	18849810	18849810
Raft Leader	5	5	5
Vote	5	5	5
Term	9	9	9
Lead Transferee	-	-	-
Applied	18851604	18851604	18851604
Commit	18851604	18851604	18851604
Last Index	18851604	18851604	18851604
Log Size	62776	62776	62776
Lease Holder QPS	-	66.2239	-
Average Keys Written Per Second	4.9329	4.9496	4.9504
Approx Proposal Quota	-	1048576	-
Pending Commands	0	0	0
Dropped Commands	0	0	0
Truncated Index	18851368	18851368	18851368
Truncated Term	9	9	9
MVCC Last Update	2018-05-04 17:47:50	2018-05-04 17:47:50	2018-05-04 17:47:50
MVCC Intent Age	0s	0s	0s
MVCC GG Bytes Age	0s	0s	0s
MVCC Live Bytes/Count	134218265 bytes / 2102964 c	134218265 bytes / 2102964 c	134218265 bytes / 2102964 c
MVCC Key Bytes/Count	123703445 bytes / 2102964 c	123703445 bytes / 2102964 c	123703445 bytes / 2102964 c
MVCC Value Bytes/Count	10514820 bytes / 2102964 cc	10514820 bytes / 2102964 cc	10514820 bytes / 2102964 cc
MVCC Intent Bytes/Count	0 bytes / 0 count	0 bytes / 0 count	0 bytes / 0 count
MVCC System Bytes/Count	170174551 bytes / 1641091 c	170174551 bytes / 1641091 c	170174551 bytes / 1641091 c
CmdQ Writes Local/Global	-	9 local / 9 global	-
CmdQ Reads Local/Global	-	45 local / 40 global	-
CmdQ Max Overlaps Local/Global	-	2 local / 1 global	-
CmdQ Tree Size Local/Global	-	53 local / 9 global	-
CmdQ State	-	Visualize	-
Replica 1 - (n1 s1 r199/1)	n1 s1 r199/1	n1 s1 r199/1	n1 s1 r199/1
Replica 2 - (n5 s5 r199/2)	n5 s5 r199/2	n5 s5 r199/2	n5 s5 r199/2
Replica 5 - (n2 s2 r199/5)	n2 s2 r199/5	n2 s2 r199/5	n2 s2 r199/5





OVERVIEW



METRICS



DATABASES



JOBS

## Lease History (from n2 s2 r199/5)

Replica	Epoch	Proposed	Proposed Delta	Start	Start Delta
n2 s2 r199/5	n2, 5	2018-05-01 22:05:58		2018-05-01 22:05:58	

## Connections (via n5)

Node	Valid	Replicas	Error
n1	ok	1	
n2	ok	1	
n3	ok	0	
n4	ok	0	
n5	ok	1	

## Simulated Allocator Output (from n2)

Timestamp	Message
2018-05-04 17:47:56	[n2.status] allocator noop - considering a rebalance or lease transfer
2018-05-04 17:47:56	[n2.status] no suitable rebalance target

## Range Log

Timestamp	Store	Event Type	Range	Other Range	Info
2018-05-02 15:38:12	s2	Split	r199	<a href="#">r9520</a>	Updated Range Descriptor: r199:/Table/54/{3/1010108/2018-05-01T18:31:54.41Z/113/"_denorm"/1638908089/1525196482334-4/1921-09-01T14:13:23.883999999Z/1010032/20001/"_name"/1753580551/1525249754355} [(n1,s1):1, (n5,s5):2, (n2,s2):5, next=6] New Range Descriptor: r9520:/Table/54/4/1921-09-01T14:13:23.883999999Z/1010032/20001/"_name"/1753580551/1525249754355-22:21:10.814999999Z/1010090/20/"_canonical"/4442781490913668137/1525225120617} [(n1,s1):1, (n5,s5):2, (n2,s2):3, next=4]
2018-05-02 02:51:52	s2	Split	r199	<a href="#">r596</a>	Updated Range Descriptor: r199:/Table/54/{3/1010108/2018-05-01T18:31:54.41Z/113/"_denorm"/1638908089/1525196482334-4/1921-09-01T22:21:10.814999999Z/1010090/20/"_canonical"/4442781490913668137/1525225120617} [(n1,s1):1, (n5,s5):2, (n2,s2):5, next=6] New Range Descriptor: r596:/Table/54/4/1921-09-01T2{2:21:10.814999999Z/1010090/20/"_canonical"/4442781490913668137/1525225120617-3:59:24.644999999Z/1010066/23/"_canonical"/100913564911175815/1525219160512} [(n1,s1):1, (n5,s5):2, (n2,s2):3, next=4]
2018-05-02 01:26:47	s2	Split	r199	<a href="#">r535</a>	Updated Range Descriptor: r199:/Table/54/{3/1010108/2018-05-01T18:31:54.41Z/113/"_denorm"/1638908089/1525196482334-4/1921-09-01T23:59:24.644999999Z/1010066/23/"_canonical"/100913564911175815/1525219160512} [(n1,s1):1, (n5,s5):2, (n2,s2):5, next=6] New Range Descriptor: r535:/Table/54/4/1921-09-01T23:59:24.644999999Z/1010066/23/"_canonical"/100913564911175815/1525219160512-2T01:32:33.559999999Z/1010106/20002/"_name"/1164156468/1525213427278} [(n1,s1):1, (n5,s5):2, (n2,s2):3, next=4]
2018-05-01 23:50:33	s2	Split	r199	<a href="#">r446</a>	Updated Range Descriptor: r199:/Table/54/{3/1010108/2018-05-01T18:31:54.41Z/113/"_denorm"/1638908089/1525196482334-4/1921-09-02T01:32:33.559999999Z/1010106/20002/"_name"/1164156468/1525213427278} [(n1,s1):1, (n5,s5):2, (n2,s2):5, next=6] New Range Descriptor: r446:/Table/54/4/1921-09-02T0{1:32:33.559999999Z/1010106/20002/"_name"/1164156468/1525213427278-3:11:05.421999999Z/1010074/25/"_canonical"/2862864695529271256/1525207729528} [(n1,s1):1, (n5,s5):2, (n2,s2):3, next=4]
2018-05-01 22:18:57	s2	Split	r199	<a href="#">r394</a>	Updated Range Descriptor: r199:/Table/54/{3/1010108/2018-05-01T18:31:54.41Z/113/"_denorm"/1638908089/1525196482334-4/1921-09-02T03:11:05.421999999Z/1010074/25/"_canonical"/2862864695529271256/1525207729528} [(n1,s1):1, (n5,s5):2, (n2,s2):5, next=6]

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					New Range Descriptor: r394:/Table/54/4/1921-09-02T0{3:11:05.421999999Z/1010074/25/"_canonical"/2862864695529271256/1525207729528-4:16:38.175999999Z/1010000/20001/"_canonical"/383893614/1525196558177} [(n1,s1):1, (n5,s5):2, (n2,s2):3, next=4]
2018-05-01 22:04:42	s5	Remove	r199		Updated Range Descriptor: r199:/Table/54/{3/1010108/2018-05-01T18:31:54.41Z/113/"_denorm"/1638908089/1525196482334-4/1921-09-02T04:16:38.175999999Z/1010000/20001/"_canonical"/383893614/1525196558177} [(n1,s1):1, (n5,s5):2, (n2,s2):5, next=6] Removed Replica: (n3,s3):4 Reason: range over-replicated Details: {"Target": "s3, converges:0, balance:-1, rangeCount:254"}
2018-05-01 22:04:42	s5	Add	r199		Updated Range Descriptor: r199:/Table/54/{3/1010108/2018-05-01T18:31:54.41Z/113/"_denorm"/1638908089/1525196482334-4/1921-09-02T04:16:38.175999999Z/1010000/20001/"_canonical"/383893614/1525196558177} [(n1,s1):1, (n5,s5):2, (n3,s3):4, (n2,s2):5, next=6] Added Replica: (n2,s2):5 Reason: rebalance Details: {"Target": "s2, converges:1, balance:1, rangeCount:121" Existing": "\ns1, converges:0, balance:-1, rangeCount:254\ns3, converges:0, balance:-1, rangeCount:254\ns5, converges:0, balance:-1, rangeCount:256"}
2018-05-01 20:44:18	s5	Split	r199	<a href="#">r307</a>	Updated Range Descriptor: r199:/Table/54/{3/1010108/2018-05-01T18:31:54.41Z/113/"_denorm"/1638908089/1525196482334-4/1921-09-02T04:16:38.175999999Z/1010000/20001/"_canonical"/383893614/1525196558177} [(n1,s1):1, (n5,s5):2, (n3,s3):4, next=5] New Range Descriptor: r307:/Table/54/4/1921-09-02T04:16:38.175999999Z/1010000/20001/"_canonical"/383893614/1525196558177-55:27.353999999Z/1010103/114/"_denorm"/1161420786/1525196429362} [(n1,s1):1, (n5,s5):2, (n3,s3):3, next=4]
2018-05-01 19:41:06	s5	Split	r199	<a href="#">r271</a>	Updated Range Descriptor: r199:/Table/54/{3/1010108/2018-05-01T18:31:54.41Z/113/"_denorm"/1638908089/1525196482334-4/1921-09-02T04:55:27.353999999Z/1010103/114/"_denorm"/1161420786/1525196429362} [(n1,s1):1, (n5,s5):2, (n3,s3):4, next=5] New Range Descriptor: r271:/Table/54/4/1921-09-02T04:55:27.353999999Z/1010103/114/"_denorm"/1161420786/1525196429362-5:29:40.954999999Z/1010089/146/"_denorm"/1968244508/1525196429362} [(n1,s1):1, (n5,s5):2, (n3,s3):3, next=4]
2018-05-01 19:11:05	s5	Remove	r199		Updated Range Descriptor: r199:/Table/54/{3/1010108/2018-05-01T18:31:54.41Z/113/"_denorm"/1638908089/1525196482334-4/1921-09-02T05:29:40.954999999Z/1010089/146/"_denorm"/1968244508/1525196429362} [(n1,s1):1, (n5,s5):2, (n3,s3):4, next=5] Removed Replica: (n4,s4):3 Reason: range over-replicated Details: {"Target": "s4, converges:0, balance:0, rangeCount:110"}
2018-05-01 19:10:42	s1	Add	r199		Updated Range Descriptor: r199:/Table/54/{3/1010108/2018-05-01T18:31:54.41Z/113/"_denorm"/1638908089/1525196482334-4/1921-09-02T05:29:40.954999999Z/1010089/146/"_denorm"/1968244508/1525196429362} [(n1,s1):1, (n5,s5):2, (n4,s4):3, (n3,s3):4, next=5] Added Replica: (n3,s3):4 Reason: rebalance Details: {"Target": "s3, converges:1, balance:1, rangeCount:98" Existing": "\ns4, converges:0, balance:0, rangeCount:107\ns1, converges:0, balance:0, rangeCount:107\ns5, converges:0, balance:0, rangeCount:108"}
2018-05-01 19:03:28	s1	Split	<a href="#">r173</a>	r199	Updated Range Descriptor: r173:/Table/54/3/1010{067/2018-05-01T17:47:31.796Z/144/"_name"/1591574635069688093/1525196429360-108/2018-05-01T18:31:54.41Z/113/"_denorm"/1638908089/1525196482334} [(n1,s1):1, (n5,s5):2, (n4,s4):3, next=4] New Range Descriptor: r199:/Table/54/{3/1010108/2018-05-01T18:31:54.41Z/113/"_denorm"/1638908089/1525196482334-4/1921-09-02T05:29:40.954999999Z/1010089/146/"_denorm"/1968244508/1525196429362} [(n1,s1):1, (n5,s5):2, (n4,s4):3, next=4]