

TiDB 集群诊断报告

简体中文

展开所有

收起所有

诊断信息总览

基本信息

诊断区间

START_TIME	END_TIME
2020-08-23 03:12:20	2020-08-23 03:22:20

集群硬件信息

HOST	INSTANCE	CPU_CORES	MEMORY (GB)	DISK (GB)	UPTIME (DAY)
10.0.0.7	tikv*1 pd*1	2/4	15.638626	sdb15: 0.101908 sdb1: 28.905167 sda1: 31.371780	0.09889204050655719
10.0.0.8	tiflash*1	2/4	15.638626	sdb: 28.905167	0.08981252895461189
10.0.0.4	tidb*1	2/4	15.638626	sda1: 28.905167 sda15: 0.101908 sdb1: 31.371780	0.10577538737820254
10.0.0.5	tikv*1 pd*1	2/4	15.638626	sdb1: 28.905167 sdb15: 0.101908 sda1: 31.371780	0.10564609445907451
10.0.0.6	tikv*1 pd*1	2/4	15.638626	sda1: 28.905167 sda15: 0.101908 sdb1: 31.371780	0.10566143303833626

集群拓扑信息

TYPE	INSTANCE	STATUS_ADDRESS	VERSION	GIT_HASH	START_TIME	UPTIME
pd	10.0.0.5:2379	10.0.0.5:2379	4.0.4	096ab27038530fcf674a9f9d872609ec2656ee73	2020-08-23T01:58:45Z	1h13m55.2605895
pd	10.0.0.6:2379	10.0.0.6:2379	4.0.4	096ab27038530fcf674a9f9d872609ec2656ee73	2020-08-23T01:58:45Z	1h13m55.26059210
pd	10.0.0.7:2379	10.0.0.7:2379	4.0.4	096ab27038530fcf674a9f9d872609ec2656ee73	2020-08-23T01:58:45Z	1h13m55.2605943
tidb	10.0.0.4:4000	10.0.0.4:10080	5.7.25-TiDB-v4.0.4	c61fc7247e9f6bc773761946d5b5294d3f2699a5	2020-08-23T01:59:08Z	1h13m32.26058671
tiflash	10.0.0.8:3930	10.0.0.8:20292	v4.0.4	bfa9128f59cf800e129152f06b12480ad78adafdc	2020-08-23T01:59:16Z	1h13m24.26060371
tikv	10.0.0.5:20160	10.0.0.5:20180	4.0.4	28e3d44b00700137de4fa933066ab83e5f8306cf	2020-08-23T01:58:56Z	1h13m44.2605964
tikv	10.0.0.6:20160	10.0.0.6:20180	4.0.4	28e3d44b00700137de4fa933066ab83e5f8306cf	2020-08-23T01:58:56Z	1h13m44.2605988
tikv	10.0.0.7:20160	10.0.0.7:20180	4.0.4	28e3d44b00700137de4fa933066ab83e5f8306cf	2020-08-23T01:58:56Z	1h13m44.26060110

诊断

诊断结果

该表显示的是自动诊断的结果，即集群中出现的问题。

RULE	ITEM	TYPE	INSTANCE	STATUS_ADDRESS	VALUE	REFERENCE	SEVERITY	DETAILS
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RULE	ITEM	TYPE	INSTANCE	STATUS_ADDRESS	VALUE	REFERENCE	SEVERITY	DETAILS
config	server.advertise-status-addr	tikv			inconsistent	consistent	warning	the cluster has different co value of server.advertise-s addr, execute the sql to se detail: select * from information_schema.cluste where type='tikv' and 'key'='server.advertise-st addr'
threshold- check 收起	leader-score- balance	tikv	10.0.0.8:3930	10.0.0.8:20292	100.00%	< 5.00%	warning	10.0.0.5:20160 max leader is 38.00, much more than 10.0.0.8:3930 min leader_s 0.00
-- threshold- check	leader-score- balance	tikv	10.0.0.8:3930	10.0.0.8:20292	100.00%	< 5.00%	warning	10.0.0.7:20160 max leader is 31.00, much more than 10.0.0.8:3930 min leader_s 0.00
-- threshold- check	leader-score- balance	tikv	10.0.0.8:3930	10.0.0.8:20292	100.00%	< 5.00%	warning	10.0.0.6:20160 max leader is 35.00, much more than 10.0.0.8:3930 min leader_s 0.00
-- threshold- check	leader-score- balance	tikv	10.0.0.7:20160	10.0.0.7:20180	21.05%	< 5.00%	warning	10.0.0.5:20160 max leader is 38.00, much more than 10.0.0.7:20160 min leader_ 30.00
-- threshold- check	leader-score- balance	tikv	10.0.0.7:20160	10.0.0.7:20180	14.29%	< 5.00%	warning	10.0.0.6:20160 max leader is 35.00, much more than 10.0.0.7:20160 min leader_ 30.00
-- threshold- check	leader-score- balance	tikv	10.0.0.6:20160	10.0.0.6:20180	7.89%	< 5.00%	warning	10.0.0.5:20160 max leader is 38.00, much more than 10.0.0.6:20160 min leader_ 35.00
threshold- check 收起	region-score- balance	tikv	10.0.0.8:3930	10.0.0.8:20292	100.00%	< 5.00%	warning	10.0.0.6:20160 max region is 5047.00, much more tha 10.0.0.8:3930 min region_s 0.00
-- threshold- check	region-score- balance	tikv	10.0.0.8:3930	10.0.0.8:20292	100.00%	< 5.00%	warning	10.0.0.5:20160 max region is 5047.00, much more tha 10.0.0.8:3930 min region_s 0.00
-- threshold- check	region-score- balance	tikv	10.0.0.8:3930	10.0.0.8:20292	100.00%	< 5.00%	warning	10.0.0.7:20160 max region is 5047.00, much more tha 10.0.0.8:3930 min region_s 0.00
threshold- check	tso-duration	tidb	10.0.0.4:4000	10.0.0.4:10080	0.111	< 0.050	warning	max duration of 10.0.0.4:10 tidb tso-duration is too slo
threshold- check 收起	store-available- balance	tikv	10.0.0.6:20160	10.0.0.6:20180	28.94%	< 20.00%	warning	10.0.0.8:3930 max store_a is 26164674560.00, much than 10.0.0.6:20160 min store_available 185928540
-- threshold- check	store-available- balance	tikv	10.0.0.7:20160	10.0.0.7:20180	28.94%	< 20.00%	warning	10.0.0.8:3930 max store_a is 26164674560.00, much than 10.0.0.7:20160 min store_available 185932431

8/23/2020TiDB Dashboard Diagnosis Report

RULE	ITEM	TYPE	INSTANCE	STATUS_ADDRESS	VALUE	REFERENCE	SEVERITY	DETAILS
-- threshold-check	store-available-balance	tikv	10.0.0.5:20160	10.0.0.5:20180	28.62%	< 20.00%	warning	10.0.0.8:3930 max store_a is 26164674560.00, much than 10.0.0.5:20160 min store_available 186767319

负载

服务器负载信息

METRIC_NAME	instance	AVG	MAX	MIN
node_cpu_usage 收起		3.43%	5.49%	1.81%
-- node_cpu_usage	10.0.0.4:9100	5.49%	5.49%	5.49%
-- node_cpu_usage	10.0.0.8:9100	4.76%	4.76%	4.76%
-- node_cpu_usage	10.0.0.7:9100	2.77%	2.77%	2.77%
-- node_cpu_usage	10.0.0.5:9100	2.31%	2.31%	2.31%
-- node_cpu_usage	10.0.0.6:9100	1.81%	1.81%	1.81%
node_mem_usage 收起		11.7%	15.86%	7.96%
-- node_mem_usage	10.0.0.5:9100	15.86%	15.86%	15.85%
-- node_mem_usage	10.0.0.7:9100	12.19%	12.19%	12.19%
-- node_mem_usage	10.0.0.6:9100	11.7%	11.71%	11.7%
-- node_mem_usage	10.0.0.8:9100	10.76%	10.77%	10.76%
-- node_mem_usage	10.0.0.4:9100	7.98%	8.08%	7.96%
node_disk_io_utilization 收起		0.2%	1%	0%
-- node_disk_io_utilization	10.0.0.7:9100,sdb	1%	1%	1%
-- node_disk_io_utilization	10.0.0.5:9100,sdb	0.9%	0.9%	0.9%
-- node_disk_io_utilization	10.0.0.6:9100,sda	0.8%	0.8%	0.8%
-- node_disk_io_utilization	10.0.0.4:9100,sda	0.1%	0.1%	0.1%
-- node_disk_io_utilization	10.0.0.8:9100,sdb	0.09%	0.09%	0.09%
-- node_disk_io_utilization	10.0.0.6:9100,sdb	0%	0%	0%
-- node_disk_io_utilization	10.0.0.6:9100,sr0	0%	0%	0%
-- node_disk_io_utilization	10.0.0.8:9100,sr0	0%	0%	0%
-- node_disk_io_utilization	10.0.0.5:9100,sda	0%	0%	0%
-- node_disk_io_utilization	10.0.0.4:9100,sdb	0%	0%	0%
-- node_disk_io_utilization	10.0.0.7:9100,sr0	0%	0%	0%
-- node_disk_io_utilization	10.0.0.7:9100,sda	0%	0%	0%
-- node_disk_io_utilization	10.0.0.8:9100,sda	0%	0%	0%
磁盘写延迟 ⓘ 收起		2000 us	7000 us	300 us
-- node_disk_write_latency	10.0.0.5:9100,sdb	7000 us	7000 us	7000 us
-- node_disk_write_latency	10.0.0.7:9100,sdb	1000 us	1000 us	1000 us
-- node_disk_write_latency	10.0.0.6:9100,sda	1000 us	1000 us	1000 us
-- node_disk_write_latency	10.0.0.8:9100,sdb	700 us	700 us	700 us
-- node_disk_write_latency	10.0.0.4:9100,sda	500 us	600 us	300 us
-- node_disk_write_latency	10.0.0.6:9100,sdb			
-- node_disk_write_latency	10.0.0.6:9100,sr0			
-- node_disk_write_latency	10.0.0.7:9100,sda			

METRIC_NAME	instance	AVG	MAX	MIN
-- node_disk_write_latency	10.0.0.7:9100,sr0			
-- node_disk_write_latency	10.0.0.4:9100,sdb			
-- node_disk_write_latency	10.0.0.5:9100,sda			
-- node_disk_write_latency	10.0.0.8:9100,sda			
-- node_disk_write_latency	10.0.0.8:9100,sr0			
磁盘读取延迟 📘 收起		5000 us	6000 us	4000 us
-- node_disk_read_latency	10.0.0.4:9100,sda	5000 us	6000 us	4000 us
-- node_disk_read_latency	10.0.0.6:9100,sr0			
-- node_disk_read_latency	10.0.0.6:9100,sda			
-- node_disk_read_latency	10.0.0.7:9100,sda			
-- node_disk_read_latency	10.0.0.8:9100,sdb			
-- node_disk_read_latency	10.0.0.6:9100,sdb			
-- node_disk_read_latency	10.0.0.5:9100,sda			
-- node_disk_read_latency	10.0.0.8:9100,sr0			
-- node_disk_read_latency	10.0.0.7:9100,sdb			
-- node_disk_read_latency	10.0.0.4:9100,sdb			
-- node_disk_read_latency	10.0.0.7:9100,sr0			
-- node_disk_read_latency	10.0.0.8:9100,sda			
-- node_disk_read_latency	10.0.0.5:9100,sdb			
tikv_disk_read_bytes 📘 收起		0.800 KB	12.001 KB	0.000 KB
-- tikv_disk_read_bytes	10.0.0.4:9100,sda	6.000 KB	12.001 KB	0.000 KB
-- tikv_disk_read_bytes	10.0.0.8:9100,sr0	0.000 KB	0.000 KB	0.000 KB
-- tikv_disk_read_bytes	10.0.0.5:9100,sda	0.000 KB	0.000 KB	0.000 KB
-- tikv_disk_read_bytes	10.0.0.7:9100,sda	0.000 KB	0.000 KB	0.000 KB
-- tikv_disk_read_bytes	10.0.0.6:9100,sr0	0.000 KB	0.000 KB	0.000 KB
-- tikv_disk_read_bytes	10.0.0.8:9100,sdb	0.000 KB	0.000 KB	0.000 KB
-- tikv_disk_read_bytes	10.0.0.6:9100,sda	0.000 KB	0.000 KB	0.000 KB
-- tikv_disk_read_bytes	10.0.0.6:9100,sdb	0.000 KB	0.000 KB	0.000 KB
-- tikv_disk_read_bytes	10.0.0.7:9100,sdb	0.000 KB	0.000 KB	0.000 KB
-- tikv_disk_read_bytes	10.0.0.4:9100,sdb	0.000 KB	0.000 KB	0.000 KB
-- tikv_disk_read_bytes	10.0.0.7:9100,sr0	0.000 KB	0.000 KB	0.000 KB
-- tikv_disk_read_bytes	10.0.0.5:9100,sdb	0.000 KB	0.000 KB	0.000 KB
-- tikv_disk_read_bytes	10.0.0.8:9100,sda	0.000 KB	0.000 KB	0.000 KB
tikv_disk_write_bytes 📘 收起		15.414 KB	82.405 KB	0.000 KB
-- tikv_disk_write_bytes	10.0.0.4:9100,sda	79.605 KB	82.405 KB	76.805 KB
-- tikv_disk_write_bytes	10.0.0.6:9100,sda	26.133 KB	26.133 KB	26.133 KB
-- tikv_disk_write_bytes	10.0.0.7:9100,sdb	23.200 KB	23.200 KB	23.200 KB
-- tikv_disk_write_bytes	10.0.0.5:9100,sdb	22.132 KB	22.132 KB	22.132 KB
-- tikv_disk_write_bytes	10.0.0.8:9100,sdb	0.533 KB	0.533 KB	0.533 KB
-- tikv_disk_write_bytes	10.0.0.7:9100,sda	0.000 KB	0.000 KB	0.000 KB
-- tikv_disk_write_bytes	10.0.0.6:9100,sdb	0.000 KB	0.000 KB	0.000 KB
-- tikv_disk_write_bytes	10.0.0.8:9100,sr0	0.000 KB	0.000 KB	0.000 KB
-- tikv_disk_write_bytes	10.0.0.7:9100,sr0	0.000 KB	0.000 KB	0.000 KB

METRIC_NAME	instance	AVG	MAX	MIN
-- tikv_disk_write_bytes	10.0.0.4:9100,sdb	0.000 KB	0.000 KB	0.000 KB
-- tikv_disk_write_bytes	10.0.0.6:9100,sr0	0.000 KB	0.000 KB	0.000 KB
-- tikv_disk_write_bytes	10.0.0.5:9100,sda	0.000 KB	0.000 KB	0.000 KB
-- tikv_disk_write_bytes	10.0.0.8:9100,sda	0.000 KB	0.000 KB	0.000 KB
node_network_in_traffic 收起		204.485 KB	1.042 MB	0.072 KB
-- node_network_in_traffic	10.0.0.4:9100,rename3	627.888 KB	1.002 MB	229.558 KB
-- node_network_in_traffic	10.0.0.4:9100,eth0	601.741 KB	982.775 KB	220.706 KB
-- node_network_in_traffic	10.0.0.4:9100,lo	539.791 KB	1.042 MB	12.709 KB
-- node_network_in_traffic	10.0.0.7:9100,enP21772s1	27.035 KB	27.035 KB	27.035 KB
-- node_network_in_traffic	10.0.0.7:9100,eth0	25.964 KB	25.964 KB	25.964 KB
-- node_network_in_traffic	10.0.0.5:9100,rename3	16.566 KB	16.566 KB	16.566 KB
-- node_network_in_traffic	10.0.0.5:9100,eth0	16.202 KB	16.202 KB	16.202 KB
-- node_network_in_traffic	10.0.0.6:9100,eth0	13.738 KB	13.738 KB	13.738 KB
-- node_network_in_traffic	10.0.0.6:9100,enP46707s1	13.533 KB	13.533 KB	13.533 KB
-- node_network_in_traffic	10.0.0.7:9100,lo	12.874 KB	12.874 KB	12.874 KB
-- node_network_in_traffic	10.0.0.8:9100,eth0	5.000 KB	5.000 KB	5.000 KB
-- node_network_in_traffic	10.0.0.5:9100,lo	3.679 KB	3.679 KB	3.679 KB
-- node_network_in_traffic	10.0.0.6:9100,lo	3.668 KB	3.668 KB	3.668 KB
-- node_network_in_traffic	10.0.0.8:9100,enP9446s1	3.562 KB	3.562 KB	3.562 KB
-- node_network_in_traffic	10.0.0.8:9100,lo	0.072 KB	0.072 KB	0.072 KB
node_network_out_traffic 收起		98.696 KB	1.042 MB	0.072 KB
-- node_network_out_traffic	10.0.0.4:9100,lo	539.791 KB	1.042 MB	12.709 KB
-- node_network_out_traffic	10.0.0.5:9100,rename3	147.221 KB	147.221 KB	147.221 KB
-- node_network_out_traffic	10.0.0.5:9100,eth0	141.687 KB	141.687 KB	141.687 KB
-- node_network_out_traffic	10.0.0.7:9100,enP21772s1	61.269 KB	61.269 KB	61.269 KB
-- node_network_out_traffic	10.0.0.7:9100,eth0	59.539 KB	59.539 KB	59.539 KB
-- node_network_out_traffic	10.0.0.6:9100,enP46707s1	54.190 KB	54.190 KB	54.190 KB
-- node_network_out_traffic	10.0.0.6:9100,eth0	52.485 KB	52.485 KB	52.485 KB
-- node_network_out_traffic	10.0.0.4:9100,rename3	32.585 KB	49.334 KB	15.836 KB
-- node_network_out_traffic	10.0.0.4:9100,eth0	32.428 KB	49.289 KB	15.568 KB
-- node_network_out_traffic	10.0.0.8:9100,enP9446s1	15.357 KB	15.357 KB	15.357 KB
-- node_network_out_traffic	10.0.0.8:9100,eth0	14.874 KB	14.874 KB	14.874 KB
-- node_network_out_traffic	10.0.0.7:9100,lo	12.874 KB	12.874 KB	12.874 KB
-- node_network_out_traffic	10.0.0.5:9100,lo	3.679 KB	3.679 KB	3.679 KB
-- node_network_out_traffic	10.0.0.6:9100,lo	3.668 KB	3.668 KB	3.668 KB
-- node_network_out_traffic	10.0.0.8:9100,lo	0.072 KB	0.072 KB	0.072 KB
node_tcp_in_use 收起		51	183	7
-- node_tcp_in_use	10.0.0.4:9100	161	183	53
-- node_tcp_in_use	10.0.0.7:9100	42	42	42
-- node_tcp_in_use	10.0.0.5:9100	23	24	23
-- node_tcp_in_use	10.0.0.6:9100	22	22	22
-- node_tcp_in_use	10.0.0.8:9100	7	7	7
node_tcp_connections 收起		87	322	9

METRIC_NAME	instance	AVG	MAX	MIN
-- node_tcp_connections	10.0.0.4:9100	279	322	62
-- node_tcp_connections	10.0.0.7:9100	69	69	69
-- node_tcp_connections	10.0.0.5:9100	40	41	40
-- node_tcp_connections	10.0.0.6:9100	39	39	39
-- node_tcp_connections	10.0.0.8:9100	9	9	9

各实例 CPU 使用率

INSTANCE	JOB	AVG	MAX	MIN
10.0.0.4:10080	tidb	25%	29%	20%
10.0.0.7:2379	pd	5%	7%	2%
10.0.0.7:20180	tikv	4%	8%	1%
10.0.0.6:20180	tikv	3%	3%	3%
10.0.0.6:2379	pd	2%	2%	2%
10.0.0.5:20180	tikv	2%	3%	1%
10.0.0.5:2379	pd	2%	2%	2%



各实例内存消耗

INSTANCE	JOB	AVG	MAX	MIN
10.0.0.5:20180	tikv	1.883 GB	1.884 GB	1.883 GB
10.0.0.7:20180	tikv	1.273 GB	1.273 GB	1.272 GB
10.0.0.6:20180	tikv	1.235 GB	1.235 GB	1.235 GB
10.0.0.4:10080	tidb	398.731 MB	441.555 MB	184.613 MB
10.0.0.7:2379	pd	198.582 MB	198.582 MB	198.582 MB
10.0.0.5:2379	pd	143.793 MB	143.793 MB	143.793 MB
10.0.0.6:2379	pd	138.883 MB	138.883 MB	138.883 MB

TiKV 的 CPU 使用情况

METRIC_NAME	INSTANCE	AVG	MAX	MIN	CONFIG_KEY	CURRENT_CONFIG_VALUE
grpc ⓘ 收起		0.87%	2.4%	0.26%		
-- grpc	10.0.0.7:20180	1.33%	2.4%	0.26%	server.grpc-concurrency	4
-- grpc	10.0.0.6:20180	0.64%	0.64%	0.64%	server.grpc-concurrency	4
-- grpc	10.0.0.5:20180	0.52%	0.76%	0.28%	server.grpc-concurrency	4
raftstore ⓘ 收起		0.59%	0.78%	0.26%		
-- raftstore	10.0.0.6:20180	0.78%	0.78%	0.78%	raftstore.store-pool-size	2
-- raftstore	10.0.0.5:20180	0.56%	0.78%	0.34%	raftstore.store-pool-size	2
-- raftstore	10.0.0.7:20180	0.52%	0.78%	0.26%	raftstore.store-pool-size	2
unified read pool ⓘ 收起		0.51%	2.31%	0%		
-- unified read pool	10.0.0.7:20180	1.16%	2.31%	0%	readpool.unified.max-thread-count	4
-- unified read pool	10.0.0.5:20180	0.08%	0.13%	0.03%	readpool.unified.max-thread-count	4
-- unified read pool	10.0.0.6:20180	0.07%	0.07%	0.07%	readpool.unified.max-thread-count	4
storage read pool ⓘ 收起		0.28%	1.18%	0%		
-- storage read pool	10.0.0.7:20180	0.61%	1.18%	0.05%		

METRIC_NAME	INSTANCE	AVG	MAX	MIN	CONFIG_KEY	CURRENT_CONFIG_VALUE
-- storage read pool	10.0.0.5:20180	0.07%	0.13%	0%		
-- storage read pool	10.0.0.6:20180	0.02%	0.02%	0.02%		
storage read pool normal ⓘ 收起		0.24%	1.18%	0%		
-- storage read pool normal	10.0.0.7:20180	0.59%	1.18%	0%	readpool.storage.normal-concurrency	4
-- storage read pool normal	10.0.0.6:20180	0.02%	0.02%	0.02%	readpool.storage.normal-concurrency	4
-- storage read pool normal	10.0.0.5:20180	0%	0%	0%	readpool.storage.normal-concurrency	4
storage read pool high ⓘ 收起		0.04%	0.13%	0%		
-- storage read pool high	10.0.0.5:20180	0.07%	0.13%	0%	readpool.storage.high-concurrency	4
-- storage read pool high	10.0.0.7:20180	0.03%	0.05%	0%	readpool.storage.high-concurrency	4
-- storage read pool high	10.0.0.6:20180	0%	0%	0%	readpool.storage.high-concurrency	4
rocksdb ⓘ 收起		0.009%	0.02%	0%		
-- rocksdb	10.0.0.6:20180	0.02%	0.02%	0.02%		
-- rocksdb	10.0.0.5:20180	0.01%	0.02%	0%		
-- rocksdb	10.0.0.7:20180	0%	0%	0%		
snapshot ⓘ 收起		0.006%	0.03%	0%		
-- snapshot	10.0.0.5:20180	0.01%	0.03%	0%		
-- snapshot	10.0.0.7:20180	0%	0%	0%		
-- snapshot	10.0.0.6:20180	0%	0%	0%		
调度器工作线程 ⓘ 收起		0%	0%	0%		
-- sched_worker	10.0.0.7:20180	0%	0%	0%	storage.scheduler-worker-pool-size	4
-- sched_worker	10.0.0.5:20180	0%	0%	0%	storage.scheduler-worker-pool-size	4
-- sched_worker	10.0.0.6:20180	0%	0%	0%	storage.scheduler-worker-pool-size	4
storage read pool low ⓘ 收起		0%	0%	0%		
-- storage read pool low	10.0.0.7:20180	0%	0%	0%	readpool.storage.low-concurrency	4
-- storage read pool low	10.0.0.5:20180	0%	0%	0%	readpool.storage.low-concurrency	4
-- storage read pool low	10.0.0.6:20180	0%	0%	0%	readpool.storage.low-concurrency	4
cop ⓘ						
cop normal ⓘ						
cop high ⓘ						
cop low ⓘ						
Async apply ⓘ 收起		0%	0%	0%		
-- Async apply	10.0.0.7:20180	0%	0%	0%	raftstore.apply-pool-size	2

METRIC_NAME	INSTANCE	AVG	MAX	MIN	CONFIG_KEY	CURRENT_CONFIG_VALUE
-- Async apply	10.0.0.5:20180	0%	0%	0%	raftstore.apply-pool-size	2
-- Async apply	10.0.0.6:20180	0%	0%	0%	raftstore.apply-pool-size	2
gc  收起		0%	0%	0%		
-- gc	10.0.0.7:20180	0%	0%	0%		
-- gc	10.0.0.5:20180	0%	0%	0%		
-- gc	10.0.0.6:20180	0%	0%	0%		
split_check  收起		0%	0%	0%		
-- split_check	10.0.0.7:20180	0%	0%	0%		
-- split_check	10.0.0.5:20180	0%	0%	0%		
-- split_check	10.0.0.6:20180	0%	0%	0%		






TiDB/PD 的 Goroutines 数量

INSTANCE	JOB	AVG	MAX	MIN
10.0.0.4:10080	tidb	535.83	593	250
10.0.0.7:2379	pd	249.17	250	249
10.0.0.5:2379	pd	154.83	155	154
10.0.0.6:2379	pd	147	147	147

各组件信息总览

各组件总耗时





该表显示的是 TiDB/TiKV/PD 组件中各事件的耗时。METRIC_NAME 是事件名称；LABEL 是事件标签，如实例、事件类型等；TIME_RATIO 是该事件的总时间除以 TIME_RATIO 为 1 的事件的总时间；TOTAL_TIME 是该事件的总耗时；TOTAL_COUNT 是该事件的总计数；P999 是 0.999 分位数的最大时间；P99 是 0.99 分位数的最大时间；P90 是 0.90 分位数的最大时间；P80 是 0.80 分位数的最大时间。

METRIC_NAME	LABEL	TIME_RATIO	TOTAL_TIME	TOTAL_COUNT	P999	P99	P90
tidb_query  收起		1	230.06	57174	0.51	0.49	0.29
-- tidb_query	Select	0.81	186.53	16810	0.51	0.49	0.29
-- tidb_query	general	0.09	21.51	37863	0.03	0.01	0.002
-- tidb_query	Begin	0.09	21.12	1280	0.06	0.06	0.04
-- tidb_query	internal	0.003	0.76	119	0.13	0.12	0.05
-- tidb_query	Commit	0.0005	0.12	1097	0.007	0.0005	0.0005
-- tidb_query	Show	0.00006	0.01	5	0.008	0.008	0.007
tidb_get_token 收起		0.00008	0.02	57289	0.00001	0.000001	0.000001
-- tidb_get_token	10.0.0.4:10080	0.00008	0.02	57289	0.00001	0.000001	0.000001
tidb_parse  收起		0.0002	0.04	945	0.0006	0.0006	0.0001
-- tidb_parse	internal	0.0002	0.04	702	0.0006	0.0006	0.0001
-- tidb_parse	general	0.00001	0.003	243	0.00008	0.00008	0.00007
tidb_compile  收起		0.01	2.84	20342	0.01	0.005	0.003
-- tidb_compile	general	0.01	2.75	19640	0.01	0.005	0.003
-- tidb_compile	internal	0.0004	0.09	702	0.01	0.001	0.0005
tidb_execute  收起		0.9	206.68	20101	0.41	0.4	0.31
-- tidb_execute	general	0.89	204.48	19399	0.41	0.4	0.31
-- tidb_execute	internal	0.01	2.21	702	0.1	0.09	0.02
tidb_distsql_execution  收起		0.3	68.38	5000	0.48	0.06	0.03

METRIC_NAME	LABEL	TIME_RATIO	TOTAL_TIME	TOTAL_COUNT	P999	P99	P90
-- tidb_distsql_execution	dag	0.3	68.38	5000	0.48	0.06	0.03
tidb_cop ⓘ 收起		0.22	50.9	5007	0.48	0.05	0.02
-- tidb_cop	10.0.0.4:10080	0.22	50.9	5007	0.48	0.05	0.02
TiDB 事务 ⓘ 收起		1.04	238.93	1432	0.51	0.5	0.38
-- tidb_transaction	general	1.03	237.09	1109	0.51	0.5	0.38
-- tidb_transaction	internal	0.008	1.84	323	0.25	0.19	0.07
tidb_transaction_local_latch_wait ⓘ		0	0	0			
tidb_kv_backoff ⓘ		0	0	0			
TiDB KV 请求 ⓘ 收起		0.67	155.1	17620	0.51	0.51	0.45
-- tidb_kv_request	Get	0.45	104.04	12521	0.06	0.03	0.02
-- tidb_kv_request	Cop	0.22	50.82	5014	0.51	0.51	0.45
-- tidb_kv_request	BatchGet	0.0007	0.16	67	0.06	0.06	0.03
-- tidb_kv_request	Scan	0.0004	0.08	17	0.02	0.02	0.01
慢查询 ⓘ 收起		0.002	0.42	1	0.51	0.51	0.49
-- tidb_slow_query	10.0.0.4:10080	0.002	0.42	1	0.51	0.51	0.49
tidb_slow_query_cop_process ⓘ		0	0	1	0.001	0.001	0.0009
tidb_slow_query_cop_wait ⓘ		0	0	1	0.001	0.001	0.0009
DDL 任务 ⓘ		0	0	0			
tidb_ddl_worker ⓘ		0	0	0			
tidb_ddl_update_self_version ⓘ		0	0	0			
tidb_owner_handle_syncer ⓘ		0	0	0			
批量索引添加 ⓘ		0	0	0			
tidb_ddl_deploy_syncer ⓘ		0	0	0			
Schema 加载 ⓘ 收起		0.0002	0.04	4	0.03	0.03	0.03
-- tidb_load_schema	10.0.0.4:10080	0.0002	0.04	4	0.03	0.03	0.03
TiDB 元操作 ⓘ 收起		0.001	0.29	175	0.03	0.03	0.008
-- tidb_meta_operation	get_ddl_job	0.001	0.29	175	0.03	0.03	0.008
TiDB 自增 ID 请求 ⓘ		0	0	0			
TiDB 自动分析 ⓘ		0	0	0			
垃圾回收 ⓘ		0	0	0			
tidb_gc_push_task ⓘ		0	0	0			
tidb_batch_client_unavailable ⓘ		0	0	0			
tidb_batch_client_wait ⓘ		0	0	0			
pd_tso_rpc ⓘ 收起		0.02	4.64	1048	0.12	0.06	0.02
-- pd_tso_rpc	10.0.0.4:10080	0.02	4.64	1048	0.12	0.06	0.02
pd_tso_wait ⓘ 收起		0.1	22.33	1856	0.11	0.06	0.04
-- pd_tso_wait	10.0.0.4:10080	0.1	22.33	1856	0.11	0.06	0.04
PD 客户端命令 ⓘ 收起		0.19	44.81	5620	0.11	0.06	0.04
-- pd_client_cmd	tso	0.1	22.4	1856	0.11	0.06	0.04
-- pd_client_cmd	wait	0.1	22.33	1856	0.11	0.06	0.04
-- pd_client_cmd	tso_async_wait	0.0003	0.08	1909	0.002	0.001	0.0005













METRIC_NAME	LABEL	TIME_RATIO	TOTAL_TIME	TOTAL_COUNT	P999	P99	P90
pd_client_request_rpc 收起		0.02	4.64	1048	0.12	0.06	0.02
-- pd_client_request_rpc	tso	0.02	4.64	1048	0.12	0.06	0.02
pd_grpc_completed_commands 收起		0.004	0.91	1113	0.1	0.09	0.01
-- pd_grpc_completed_commands	Range	0.002	0.55	479	0.1	0.09	0.005
-- pd_grpc_completed_commands	Tso	0.0005	0.12	310	0.005	0.005	0.005
-- pd_grpc_completed_commands	Txn	0.0005	0.12	28	0.02	0.02	0.005
-- pd_grpc_completed_commands	LeaseKeepAlive	0.0002	0.05	117	0.005	0.005	0.005
-- pd_grpc_completed_commands	Put	0.0002	0.04	9	0.01	0.01	0.01
-- pd_grpc_completed_commands	GetGCSafePoint	0.00009	0.02	18	0.005	0.005	0.005
-- pd_grpc_completed_commands	MemberList	0.00003	0.006	123	0.005	0.005	0.005
-- pd_grpc_completed_commands	StoreHeartbeat	0.00001	0.003	28	0.005	0.005	0.005
-- pd_grpc_completed_commands	GetMembers	0.000006	0.001	3	0.005	0.005	0.005
pd_operator_finish 收起		0.0003	0.06	3	0.04	0.04	0.04
-- pd_operator_finish	transfer-hot-read-leader	0.0003	0.06	3	0.04	0.04	0.04
pd_operator_step_finish 收起		0.0003	0.06	3	0.04	0.04	0.04
-- pd_operator_step_finish	TransferLeader	0.0003	0.06	3	0.04	0.04	0.04
etcd 事务 收起		0.0006	0.13	28	0.02	0.01	0.008
-- pd_handle_transactions	success	0.0006	0.13	28	0.02	0.01	0.008
pd_region_heartbeat 收起		0	0	118	0	0	0
etcd_wal_fsync 收起		0.007	1.51	102	1.01	0.92	0.01
-- etcd_wal_fsync	10.0.0.5:2379	0.006	1.32	43	1.01	0.92	0.01
-- etcd_wal_fsync	10.0.0.7:2379	0.0004	0.1	30	0.02	0.01	0.004
-- etcd_wal_fsync	10.0.0.6:2379	0.0004	0.09	28	0.008	0.008	0.005
网络延迟 收起		0.00008	0.02	16	0.003	0.003	0.003
-- pd_peer_round_trip	d3b2d0ba03c6591e	0.00003	0.006	5	0.003	0.003	0.003
-- pd_peer_round_trip	2ce87fe5ec710c02	0.00002	0.006	5	0.003	0.003	0.003
-- pd_peer_round_trip	25a7bbfd8f7f5334	0.00002	0.006	5	0.003	0.003	0.003
tikv_grpc_messge 收起		0.03	6.88	24255	0.02	0.02	0.02
-- tikv_grpc_messge	coprocessor	0.02	4.34	7172	0.004	0.004	0.003
-- tikv_grpc_messge	kv_batch_get_command	0.01	2.41	16768	0.004	0.004	0.0005
-- tikv_grpc_messge	kv_commit	0.0002	0.04	3	0.02	0.02	0.02
-- tikv_grpc_messge	kv_prewrite	0.0002	0.04	3	0.02	0.02	0.02
-- tikv_grpc_messge	kv_scan	0.0001	0.03	17	0.004	0.004	0.004
-- tikv_grpc_messge	kv_pessimistic_lock	0.00009	0.02	1	0.02	0.02	0.02
-- tikv_grpc_messge	kv_get	0.00002	0.005	211	0.004	0.0005	0.0005
-- tikv_grpc_messge	kv_batch_get	0.00002	0.005	79	0.004	0.003	0.0005
Coprocessor 读请求 收起		0.02	4.07	7311	0.005	0.004	0.003
-- tikv_cop_request	select	0.02	4.01	7086	0.005	0.004	0.003
-- tikv_cop_request	index	0.0003	0.06	225	0.004	0.004	0.002
Coprocessor 请求 收起		0.01	2.83	7311	0.004	0.004	0.002
-- tikv_cop_handle	select	0.01	2.81	7086	0.004	0.004	0.002

METRIC_NAME	LABEL	TIME_RATIO	TOTAL_TIME	TOTAL_COUNT	P999	P99	P90
-- tikv_cop_handle	index	0.00008	0.02	225	0.004	0.004	0.0005
tikv_cop_wait ⓘ 收起		0.009	2.1	21919	0.004	0.004	0.0005
-- tikv_cop_wait	select	0.009	2.02	21243	0.004	0.003	0.0005
-- tikv_cop_wait	index	0.0004	0.08	676	0.004	0.004	0.0005
tikv_scheduler_command ⓘ 收起		0.005	1.12	16951	0.02	0.02	0.02
-- tikv_scheduler_command	batch_get_command	0.004	0.99	16643	0.004	0.003	0.0005
-- tikv_scheduler_command	commit	0.0002	0.04	3	0.02	0.02	0.02
-- tikv_scheduler_command	prewrite	0.0002	0.04	3	0.02	0.02	0.02
-- tikv_scheduler_command	scan	0.0001	0.03	17	0.004	0.004	0.004
-- tikv_scheduler_command	acquire_pessimistic_lock	0.00009	0.02	1	0.02	0.02	0.02
-- tikv_scheduler_command	get	0.00002	0.005	206	0.004	0.0005	0.0005
-- tikv_scheduler_command	batch_get	0.00002	0.005	78	0.004	0.003	0.0005
tikv_scheduler_latch_wait ⓘ		0	0	7	0.0005	0.0005	0.0005
tikv_storage_async_request ⓘ 收起		0.001	0.33	24174	0.02	0.02	0.01
-- tikv_storage_async_request	snapshot	0.001	0.26	24168	0.008	0.004	0.0005
-- tikv_storage_async_request	write	0.0003	0.07	7	0.02	0.02	0.01
tikv_raft_propose_wait ⓘ 收起		0.0003	0.06	356	0.02	0.01	0.0005
-- tikv_raft_propose_wait	10.0.0.6:20180	0.0003	0.06	268	0.02	0.01	0.0005
-- tikv_raft_propose_wait	10.0.0.5:20180	0.00002	0.006	82	0.0005	0.0005	0.0005
-- tikv_raft_propose_wait	10.0.0.7:20180	0.000001	0.0003	6	0.0005	0.0005	0.0005
tikv_raft_process ⓘ 收起		0.003	0.77	17572	0.01	0.003	0.0005
-- tikv_raft_process	ready	0.003	0.77	17572	0.01	0.003	0.0005
tikv_raft_append_log ⓘ 收起		0.003	0.62	12865	0.01	0.003	0.0005
-- tikv_raft_append_log	10.0.0.6:20180	0.001	0.33	3831	0.01	0.003	0.0005
-- tikv_raft_append_log	10.0.0.5:20180	0.0009	0.2	4908	0.009	0.003	0.0005
-- tikv_raft_append_log	10.0.0.7:20180	0.0004	0.09	4127	0.005	0.0005	0.0005
tikv_raft_commit_log 收起		0.0003	0.07	7	0.03	0.03	0.02
-- tikv_raft_commit_log	10.0.0.6:20180	0.0003	0.07	7	0.03	0.03	0.02
tikv_raft_apply_wait ⓘ 收起		0.000004	0.001	13	0.0005	0.0005	0.0005
-- tikv_raft_apply_wait	10.0.0.6:20180	0.000002	0.0005	7	0.0005	0.0005	0.0005
-- tikv_raft_apply_wait	10.0.0.5:20180	0.000001	0.0003	3	0.0005	0.0005	0.0005
-- tikv_raft_apply_wait	10.0.0.7:20180	0.0000009	0.0002	3	0.0005	0.0005	0.0005
tikv_raft_apply_log ⓘ 收起		0.00002	0.005	13	0.004	0.004	0.003
-- tikv_raft_apply_log	10.0.0.6:20180	0.00002	0.005	7	0.004	0.004	0.003
tikv_raft_store_events ⓘ		0	0	27	0.001	0.001	0.0009
快照处理 ⓘ							
快照发送 ⓘ							
tikv_check_split ⓘ		0	0	0			
tikv_ingest_sst ⓘ							
tikv_gc_tasks ⓘ		0	0	0			
tikv_pd_request ⓘ 收起		0.0008	0.19	286	0.005	0.005	0.005

METRIC_NAME	LABEL	TIME_RATIO	TOTAL_TIME	TOTAL_COUNT	P999	P99	P90
-- tikv_pd_request	tso	0.0007	0.16	259	0.005	0.005	0.005
-- tikv_pd_request	store_heartbeat	0.00008	0.02	24	0.005	0.005	0.005
-- tikv_pd_request	get_gc_safe_point	0.00003	0.007	3	0.005	0.005	0.005
tikv_lock_manager_deadlock_detect 							
tikv_lock_manager_waiter_lifetime 							
tikv_backup_range 							
tikv_backup 							

各组件总报错数



该表显示的是各错误事件的数量。METRIC_NAME 是错误事件名称；LABEL 是事件标签，如实例、事件类型；TOTAL_COUNT 是该错误事件的总数。

METRIC_NAME	LABEL	TOTAL_COUNT
tidb_binlog_error_total_count		0
tidb_handshake_error_total_count		0
tidb_transaction_retry_error_total_count		
tidb_kv_region_error_total_count 		5
-- tidb_kv_region_error_total_count	not_leader	5
tidb_schema_lease_error_total_count		
gRPC 消息失败的总数量 		0
TiKV 临界误差的总数量 		
tikv_scheduler_is_busy_total_count 		
tikv_channel_full_total_count 		
Coprocessor 错误总数量 		0
tikv_engine_write_stall 		0
tikv_server_report_failures_total_count 		
tikv_storage_async_request_error  		5
-- tikv_storage_async_request_error	snapshot	5
tikv_lock_manager_detect_error_total_count 		
tikv_backup_errors_total_count 		
node_network_in_errors_total_count		0
node_network_out_errors_total_count		0

TiDB 组件

TiDB 中事件耗时

该表显示的是 TiDB 组件中各事件的耗时。METRIC_NAME 是事件名称；LABEL 是事件标签，如实例、事件类型等；TIME_RATIO 是该事件的总时间除以 TIME_RATIO 为 1 的事件的总时间；TOTAL_TIME 是该事件的总耗时；TOTAL_COUNT 是该事件的总计数；P999 是 0.999 分位数的最大时间；P99 是 0.99 分位数的最大时间；P90 是 0.90 分位数的最大时间；P80 是 0.80 分位数的最大时间。

METRIC_NAME	LABEL	TIME_RATIO	TOTAL_TIME	TOTAL_COUNT	P999	P99	P90
tidb_query  		1	230.06	57174	0.51	0.49	0.29
-- tidb_query	10.0.0.4:10080,Select	0.81	186.53	16810	0.51	0.49	0.29
-- tidb_query	10.0.0.4:10080,general	0.09	21.51	37863	0.03	0.01	0.002
-- tidb_query	10.0.0.4:10080,Begin	0.09	21.12	1280	0.06	0.06	0.04

METRIC_NAME	LABEL	TIME_RATIO	TOTAL_TIME	TOTAL_COUNT	P999	P99	P90
-- tidb_query	10.0.0.4:10080,internal	0.003	0.76	119	0.13	0.12	0.05
-- tidb_query	10.0.0.4:10080,Commit	0.0005	0.12	1097	0.007	0.0005	0.0005
-- tidb_query	10.0.0.4:10080,Show	0.00006	0.01	5	0.008	0.008	0.007
tidb_get_token 收起		0.00008	0.02	57289	0.00001	0.000001	0.00000
-- tidb_get_token	10.0.0.4:10080	0.00008	0.02	57289	0.00001	0.000001	0.00000
tidb_parse 收起		0.0002	0.04	945	0.0006	0.0006	0.0001
-- tidb_parse	10.0.0.4:10080,internal	0.0002	0.04	702	0.0006	0.0006	0.0001
-- tidb_parse	10.0.0.4:10080,general	0.00001	0.003	243	0.00008	0.00008	0.00007
tidb_compile 收起		0.01	2.84	20342	0.01	0.005	0.003
-- tidb_compile	10.0.0.4:10080,general	0.01	2.75	19640	0.01	0.005	0.003
-- tidb_compile	10.0.0.4:10080,internal	0.0004	0.09	702	0.01	0.001	0.0005
tidb_execute 收起		0.9	206.68	20101	0.41	0.4	0.31
-- tidb_execute	10.0.0.4:10080,general	0.89	204.48	19399	0.41	0.4	0.31
-- tidb_execute	10.0.0.4:10080,internal	0.01	2.21	702	0.1	0.09	0.02
tidb_distsql_execution 收起		0.3	68.38	5000	0.48	0.06	0.03
-- tidb_distsql_execution	10.0.0.4:10080,dag	0.3	68.38	5000	0.48	0.06	0.03
tidb_cop 收起		0.22	50.9	5007	0.48	0.05	0.02
-- tidb_cop	10.0.0.4:10080	0.22	50.9	5007	0.48	0.05	0.02
TiDB 事务 收起		1.04	238.93	1432	0.51	0.5	0.38
-- tidb_transaction	10.0.0.4:10080,general,commit	1.03	237.09	1109	0.51	0.5	0.38
-- tidb_transaction	10.0.0.4:10080,internal,commit	0.008	1.84	323	0.25	0.19	0.07
tidb_transaction_local_latch_wait 收起		0	0	0			
tidb_kv_backoff 收起		0	0	0			
TiDB KV 请求 收起		0.67	155.1	17620	0.51	0.51	0.45
-- tidb_kv_request	10.0.0.4:10080,1023,Get	0.19	43.51	5096	0.06	0.03	0.02
-- tidb_kv_request	10.0.0.4:10080,1,Get	0.13	31.04	3879	0.05	0.03	0.02
-- tidb_kv_request	10.0.0.4:10080,1001,Get	0.13	29.49	3546	0.06	0.03	0.02
-- tidb_kv_request	10.0.0.4:10080,1023,Cop	0.09	20.78	1816	0.06	0.05	0.02
-- tidb_kv_request	10.0.0.4:10080,1,Cop	0.07	15.73	1793	0.06	0.03	0.02
-- tidb_kv_request	10.0.0.4:10080,1001,Cop	0.06	13.49	1398	0.06	0.04	0.02
-- tidb_kv_request	10.0.0.4:10080,0,Cop	0.004	0.82	7	0.51	0.51	0.45
-- tidb_kv_request	10.0.0.4:10080,1001,BatchGet	0.0007	0.16	67	0.06	0.06	0.03
-- tidb_kv_request	10.0.0.4:10080,1,Scan	0.0002	0.05	12	0.02	0.02	0.009
-- tidb_kv_request	10.0.0.4:10080,1023,Scan	0.0001	0.03	5	0.02	0.02	0.01
慢查询 收起		0.002	0.42	1	0.51	0.51	0.49
-- tidb_slow_query	10.0.0.4:10080	0.002	0.42	1	0.51	0.51	0.49
tidb_slow_query_cop_process 收起		0	0	1	0.001	0.001	0.0009
tidb_slow_query_cop_wait 收起		0	0	1	0.001	0.001	0.0009
DDL 任务 收起		0	0	0			
tidb_ddl_worker 收起		0	0	0			

METRIC_NAME	LABEL	TIME_RATIO	TOTAL_TIME	TOTAL_COUNT	P999	P99	P90
tidb_ddl_update_self_version ⓘ		0	0	0			
tidb_owner_handle_syncer ⓘ		0	0	0			
批量索引添加 ⓘ		0	0	0			
tidb_ddl_deploy_syncer ⓘ		0	0	0			
Schema 加载 ⓘ 收起		0.0002	0.04	4	0.03	0.03	0.03
-- tidb_load_schema	10.0.0.4:10080	0.0002	0.04	4	0.03	0.03	0.03
TiDB 元操作 ⓘ 收起		0.001	0.29	175	0.03	0.03	0.008
-- tidb_meta_operation	10.0.0.4:10080,get_ddl_job,ok	0.001	0.29	175	0.03	0.03	0.008
TiDB 自增 ID 请求 ⓘ		0	0	0			
TiDB 自动分析 ⓘ		0	0	0			
垃圾回收 ⓘ		0	0	0			
tidb_gc_push_task ⓘ		0	0	0			
tidb_batch_client_unavailable ⓘ		0	0	0			
tidb_batch_client_wait ⓘ		0	0	0			
pd_tso_rpc ⓘ 收起		0.02	4.64	1048	0.12	0.06	0.02
-- pd_tso_rpc	10.0.0.4:10080	0.02	4.64	1048	0.12	0.06	0.02
pd_tso_wait ⓘ 收起		0.1	22.33	1856	0.11	0.06	0.04
-- pd_tso_wait	10.0.0.4:10080	0.1	22.33	1856	0.11	0.06	0.04

TiDB 连接数

TiDB 服务器的连接数。

INSTANCE	AVG	MAX	MIN
10.0.0.4:10080	107.5	129	0

TiDB 事务

该表显示了 TiDB 事务的统计信息。METRIC_NAME 是对象名；LABEL 是对象标签，如实例、事件类型等；TOTAL_VALUE 是该对象的总大小；TOTAL_COUNT 是该对象的总计数；P999 为 0.999 分位数的最大值；P99 是 0.99 分位数的最大值；P90 是 0.90 分位数的最大值；P80 是 0.80 分位数的最大值。

METRIC_NAME	LABEL	TOTAL_VALUE	TOTAL_COUNT	P999	P99	P90	P80
TiDB 事务重试数 ⓘ		0	0	0	0	0	0
tidb_transaction_statement_num ⓘ 收起		18260	1427	16	16	15	14
-- tidb_transaction_statement_num	general	17558	1104	16	16	15	14
-- tidb_transaction_statement_num	internal	702	323	4	4	4	3
事务操作的 Region 数量 ⓘ 收起		5119	5119	1	1	1	1
-- tidb_txn_region_num	10.0.0.4:10080	5119	5119	1	1	1	1
事务执行的 KV 写入数量 ⓘ		0	0				
事务执行的 KV 写入大小 ⓘ		0.000 KB	0				
安全点装载总数量 ⓘ 收起		10					
-- tidb_load_safePOINT_total_num	ok	10					
tidb_lock_resolver_total_num ⓘ		0					

统计信息

METRIC_NAME	LABEL	TOTAL_COUNT
pseudo_estimation_total_count ⓘ		0

METRIC_NAME	LABEL	TOTAL_COUNT
dump_feedback_total_count i		0
store_query_feedback_total_count i 收起		4553
-- store_query_feedback_total_count	10.0.0.4:10080,ok	4553
update_stats_total_count i		0

DDL Owner

DDL Owner 的信息。注意：如果没有 DDL 请求被执行，下面的 Owner 信息可能为空，这并不表示 DDL Owner 不存在。

MIN_TIME	DDL OWNER
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Top 10 慢查询

query_time	parse_time	compile_time	prewrite_time	commit_time	process_time	wait_time	backoff_time	cop_proc_max	cop
0.30061592 收起	0.000161802	0.000439506	0	0	0	0	0	0	0
--									

按 SQL 指纹聚合的 Top 10 慢查询

count(*)	sum(query_time)	sum(parse_time)	sum(compile_time)	sum(prewrite_time)	sum(commit_time)	sum(process_time)	sum
1 收起	0.483530451	0.000144902	0.000625909	0	0	0	0
--							
1 收起	0.30061592	0.000161802	0.000439506	0	0	0	0
--							

不同执行计划的慢查询







digest	query
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PD 组件

PD 中事件耗时

该表显示的是 PD 组件中各事件的耗时。METRIC_NAME 是事件名称；LABEL 是事件标签，如实例、事件类型等；TIME_RATIO 是该事件的总时间除以 TIME_RATIO 为 1 的事件的总时间；TOTAL_TIME 是该事件的总耗时；TOTAL_COUNT 是该事件的总计数；P999 是 0.999 分位数的最大时间；P99 是 0.99 分位数的最大时间；P90 是 0.90 分位数的最大时间；P80 是 0.80 分位数的最大时间。

METRIC_NAME	LABEL	TIME_RATIO	TOTAL_TIME	TOTAL_COUNT	P999	P99	P90	P80
PD 客户端命令 i 收起		1	44.81	5620	0.11	0.06	0.04	0.0
-- pd_client_cmd	10.0.0.4:10080,tso	0.5	22.4	1856	0.11	0.06	0.04	0.0
-- pd_client_cmd	10.0.0.4:10080,wait	0.5	22.33	1856	0.11	0.06	0.04	0.0
-- pd_client_cmd	10.0.0.4:10080,tso_async_wait	0.002	0.08	1909	0.002	0.001	0.0005	0.0
pd_client_request_rpc 收起		1	4.64	1048	0.12	0.06	0.02	0.0

METRIC_NAME	LABEL	TIME_RATIO	TOTAL_TIME	TOTAL_COUNT	P999	P99	P90	P50
-- pd_client_request_rpc	10.0.0.4:10080,tso	1	4.64	1048	0.12	0.06	0.02	0.00
pd_grpc_completed_commands  收起		1	0.91	1113	0.1	0.09	0.01	0.00
-- pd_grpc_completed_commands	10.0.0.5:2379,Range	0.36	0.33	114	0.1	0.09	0.005	0.00
-- pd_grpc_completed_commands	10.0.0.7:2379,Range	0.16	0.15	295	0.005	0.005	0.005	0.00
-- pd_grpc_completed_commands	10.0.0.7:2379,Tso	0.13	0.12	310	0.005	0.005	0.005	0.00
-- pd_grpc_completed_commands	10.0.0.7:2379,Txn	0.13	0.12	28	0.02	0.02	0.005	0.00
-- pd_grpc_completed_commands	10.0.0.6:2379,Range	0.08	0.07	69	0.005	0.005	0.005	0.00
-- pd_grpc_completed_commands	10.0.0.7:2379,LeaseKeepAlive	0.06	0.05	117	0.005	0.005	0.005	0.00
-- pd_grpc_completed_commands	10.0.0.7:2379,GetGCSafePoint	0.02	0.02	18	0.005	0.005	0.005	0.00
-- pd_grpc_completed_commands	10.0.0.6:2379,Put	0.02	0.02	3	0.01	0.01	0.01	0.00
-- pd_grpc_completed_commands	10.0.0.5:2379,Put	0.02	0.02	5	0.005	0.005	0.005	0.00
-- pd_grpc_completed_commands	10.0.0.7:2379,MemberList	0.007	0.006	115	0.005	0.005	0.005	0.00
-- pd_grpc_completed_commands	10.0.0.7:2379,Put	0.005	0.005	1	0.005	0.005	0.005	0.00
-- pd_grpc_completed_commands	10.0.0.7:2379,StoreHeartbeat	0.003	0.003	28	0.005	0.005	0.005	0.00
-- pd_grpc_completed_commands	10.0.0.5:2379,GetMembers	0.0009	0.0008	1	0.005	0.005	0.005	0.00
-- pd_grpc_completed_commands	10.0.0.6:2379,GetMembers	0.0008	0.0007	1	0.005	0.005	0.005	0.00
-- pd_grpc_completed_commands	10.0.0.6:2379,MemberList	0.0003	0.0003	5	0.005	0.005	0.005	0.00
-- pd_grpc_completed_commands	10.0.0.5:2379,MemberList	0.0001	0.0001	3	0.005	0.005	0.005	0.00
pd_operator_finish  收起		1	0.06	3	0.04	0.04	0.04	0.00
-- pd_operator_finish	transfer-hot-read-leader	1	0.06	3	0.04	0.04	0.04	0.00
pd_operator_step_finish  收起		1	0.06	3	0.04	0.04	0.04	0.00
-- pd_operator_step_finish	TransferLeader	1	0.06	3	0.04	0.04	0.04	0.00
etcd 事务  收起		1	0.13	28	0.02	0.01	0.008	0.00
-- pd_handle_transactions	10.0.0.7:2379,success	1	0.13	28	0.02	0.01	0.008	0.00
pd_region_heartbeat 		1	0	118	0	0	0	0
etcd_wal_fsync  收起		1	1.51	102	1.01	0.92	0.01	0.00
-- etcd_wal_fsync	10.0.0.5:2379	0.88	1.32	43	1.01	0.92	0.01	0.00
-- etcd_wal_fsync	10.0.0.7:2379	0.07	0.1	30	0.02	0.01	0.004	0.00
-- etcd_wal_fsync	10.0.0.6:2379	0.06	0.09	28	0.008	0.008	0.005	0.00
网络延迟  收起		1	0.02	16	0.003	0.003	0.003	0.00

METRIC_NAME	LABEL	TIME_RATIO	TOTAL_TIME	TOTAL_COUNT	P999	P99	P90	P50
-- pd_peer_round_trip	10.0.0.6:2379,d3b2d0ba03c6591e	0.18	0.003	3	0.003	0.003	0.003	0.003
-- pd_peer_round_trip	10.0.0.6:2379,2ce87fe5ec710c02	0.18	0.003	3	0.003	0.003	0.003	0.003
-- pd_peer_round_trip	10.0.0.5:2379,25a7bbfd8f7f5334	0.17	0.003	3	0.003	0.003	0.003	0.003
-- pd_peer_round_trip	10.0.0.7:2379,d3b2d0ba03c6591e	0.17	0.003	3	0.002	0.002	0.001	0.001
-- pd_peer_round_trip	10.0.0.7:2379,25a7bbfd8f7f5334	0.15	0.003	3	0.002	0.002	0.001	0.001
-- pd_peer_round_trip	10.0.0.5:2379,2ce87fe5ec710c02	0.15	0.003	3	0.002	0.002	0.001	0.001

Leader/Region 调度数

METRIC_NAME	LABEL	TOTAL_COUNT
blance-leader-in		0
blance-leader-out		0
blance-region-in		
blance-region-out		

集群状态

TYPE	MAX	MIN
storage_capacity	115.621 GB	115.621 GB
storage_size	12.319 GB	12.319 GB
store_up_count	4	4
store_offline_count	0	0
store_tombstone_count	0	0
region_count	309	309
store_low_space_count	0	0
store_unhealth_count	0	0
store_down_count	0	0
leader_count	103	103
store_disconnected_count	0	0

TiKV 节点的存储状态

METRIC_NAME	INSTANCE	AVG	MAX	MIN
region_score 收起		3785.25	5047	0
-- region_score	10.0.0.7:20160	5047	5047	5047
-- region_score	10.0.0.5:20160	5047	5047	5047
-- region_score	10.0.0.6:20160	5047	5047	5047
-- region_score	10.0.0.8:3930	0	0	0
leader_score 收起		25.75	38	0
-- leader_score	10.0.0.5:20160	37.17	38	37
-- leader_score	10.0.0.6:20160	35	35	35
-- leader_score	10.0.0.7:20160	30.83	31	30
-- leader_score	10.0.0.8:3930	0	0	0
region_count 收起		77.25	103	0
-- region_count	10.0.0.7:20160	103	103	103
-- region_count	10.0.0.5:20160	103	103	103
-- region_count	10.0.0.6:20160	103	103	103

METRIC_NAME	INSTANCE	AVG	MAX	MIN
-- region_count	10.0.0.8:3930	0	0	0
leader_count ⓘ 收起		25.75	38	0
-- leader_count	10.0.0.5:20160	37.17	38	37
-- leader_count	10.0.0.6:20160	35	35	35
-- leader_count	10.0.0.7:20160	30.83	31	30
-- leader_count	10.0.0.8:3930	0	0	0
region_size ⓘ 收起		3785.25	5047	0
-- region_size	10.0.0.7:20160	5047	5047	5047
-- region_size	10.0.0.5:20160	5047	5047	5047
-- region_size	10.0.0.6:20160	5047	5047	5047
-- region_size	10.0.0.8:3930	0	0	0
leader_size ⓘ 收起		1261.75	2323	0
-- leader_size	10.0.0.5:20160	2322.17	2323	2322
-- leader_size	10.0.0.6:20160	1671	1671	1671
-- leader_size	10.0.0.7:20160	1053.83	1054	1053
-- leader_size	10.0.0.8:3930	0	0	0

etcd 状态

TYPE	MAX	MIN
committedIndex	5287	5287
appliedIndex	5287	5287
term	10	10

TiKV 组件

TiKV 中事件耗时

该表显示的是 TiKV 组件中各事件的耗时。METRIC_NAME 是事件名称；LABEL 是事件标签，如实例、事件类型等；TIME_RATIO 是该事件的总时间除以 TIME_RATIO 为 1 的事件的总时间；TOTAL_TIME 是该事件的总耗时；TOTAL_COUNT 是该事件的总计数；P999 是 0.999 分位数的最大时间；P99 是 0.99 分位数的最大时间；P90 是 0.90 分位数的最大时间；P80 是 0.80 分位数的最大时间。

METRIC_NAME	LABEL	TIME_RATIO	TOTAL_TIME	TOTAL_COUNT	P999	P99	P90	P80
tikv_grpc_messge ⓘ 收起		1	6.88	24255	0.02	0.02	0.02	0.02
-- tikv_grpc_messge	10.0.0.6:20180,coprocessor	0.39	2.65	4266	0.004	0.004	0.004	0.004
-- tikv_grpc_messge	10.0.0.6:20180,kv_batch_get_command	0.25	1.7	10234	0.004	0.004	0.004	0.004
-- tikv_grpc_messge	10.0.0.7:20180,coprocessor	0.23	1.58	2581	0.004	0.004	0.004	0.004
-- tikv_grpc_messge	10.0.0.7:20180,kv_batch_get_command	0.1	0.71	6532	0.004	0.003	0.003	0.003
-- tikv_grpc_messge	10.0.0.5:20180,coprocessor	0.01	0.1	324	0.004	0.004	0.004	0.004
-- tikv_grpc_messge	10.0.0.6:20180,kv_commit	0.005	0.04	3	0.02	0.02	0.02	0.02
-- tikv_grpc_messge	10.0.0.6:20180,kv_prewrite	0.005	0.04	3	0.02	0.02	0.02	0.02
-- tikv_grpc_messge	10.0.0.5:20180,kv_scan	0.004	0.03	14	0.004	0.004	0.004	0.004
-- tikv_grpc_messge	10.0.0.6:20180,kv_pessimistic_lock	0.003	0.02	1	0.02	0.02	0.02	0.02
-- tikv_grpc_messge	10.0.0.5:20180,kv_get	0.0008	0.005	179	0.004	0.0005	0.0005	0.0005
-- tikv_grpc_messge	10.0.0.6:20180,kv_batch_get	0.0008	0.005	79	0.004	0.003	0.003	0.003
Coprocessor 读请求 ⓘ 收起		0.59	4.07	7311	0.005	0.004	0.004	0.004
-- tikv_cop_request	10.0.0.6:20180,select	0.33	2.27	3927	0.004	0.004	0.004	0.004

METRIC_NAME	LABEL	TIME_RATIO	TOTAL_TIME	TOTAL_COUNT	P999	P99
-- tikv_cop_request	10.0.0.7:20180,select	0.21	1.45	2528	0.005	0.004
-- tikv_cop_request	10.0.0.5:20180,select	0.04	0.29	632	0.004	0.004
-- tikv_cop_request	10.0.0.5:20180,index	0.006	0.04	165	0.004	0.004
-- tikv_cop_request	10.0.0.6:20180,index	0.003	0.02	61	0.004	0.004
Coprocessor 请求 ⓘ 收起		0.41	2.83	7311	0.004	0.004
-- tikv_cop_handle	10.0.0.6:20180,select	0.21	1.42	3927	0.004	0.004
-- tikv_cop_handle	10.0.0.7:20180,select	0.17	1.17	2528	0.004	0.004
-- tikv_cop_handle	10.0.0.5:20180,select	0.03	0.22	632	0.004	0.004
-- tikv_cop_handle	10.0.0.5:20180,index	0.003	0.02	165	0.004	0.004
tikv_cop_wait ⓘ 收起		0.31	2.1	21919	0.004	0.004
-- tikv_cop_wait	10.0.0.6:20180,select	0.22	1.53	11780	0.004	0.003
-- tikv_cop_wait	10.0.0.7:20180,select	0.06	0.39	7584	0.004	0.002
-- tikv_cop_wait	10.0.0.5:20180,select	0.01	0.1	1880	0.004	0.003
-- tikv_cop_wait	10.0.0.5:20180,index	0.007	0.05	495	0.004	0.003
-- tikv_cop_wait	10.0.0.6:20180,index	0.005	0.04	182	0.004	0.004
tikv_scheduler_command ⓘ 收起		0.16	1.12	16951	0.02	0.02
-- tikv_scheduler_command	10.0.0.6:20180,batch_get_command	0.08	0.58	8791	0.004	0.003
-- tikv_scheduler_command	10.0.0.7:20180,batch_get_command	0.05	0.35	6799	0.004	0.002
-- tikv_scheduler_command	10.0.0.5:20180,batch_get_command	0.01	0.07	1053	0.004	0.003
-- tikv_scheduler_command	10.0.0.6:20180,commit	0.005	0.04	3	0.02	0.02
-- tikv_scheduler_command	10.0.0.6:20180,prewrite	0.005	0.04	3	0.02	0.02
-- tikv_scheduler_command	10.0.0.5:20180,scan	0.004	0.03	14	0.004	0.004
-- tikv_scheduler_command	10.0.0.6:20180,acquire_pessimistic_lock	0.003	0.02	1	0.02	0.02
-- tikv_scheduler_command	10.0.0.5:20180,get	0.0008	0.005	176	0.004	0.0005
-- tikv_scheduler_command	10.0.0.6:20180,batch_get	0.0008	0.005	78	0.004	0.003
tikv_scheduler_latch_wait ⓘ		0	0	7	0.0005	0.0005
tikv_storage_async_request ⓘ 收起		0.05	0.33	24174	0.02	0.02
-- tikv_storage_async_request	10.0.0.6:20180,snapshot	0.03	0.2	14547	0.008	0.004
-- tikv_storage_async_request	10.0.0.6:20180,write	0.01	0.07	7	0.02	0.02
-- tikv_storage_async_request	10.0.0.7:20180,snapshot	0.008	0.05	9101	0.003	0.0005
tikv_raft_propose_wait ⓘ 收起		0.009	0.06	356	0.02	0.01
-- tikv_raft_propose_wait	10.0.0.6:20180	0.008	0.06	268	0.02	0.01
-- tikv_raft_propose_wait	10.0.0.5:20180	0.0008	0.006	82	0.0005	0.0005
-- tikv_raft_propose_wait	10.0.0.7:20180	0.00005	0.0003	6	0.0005	0.0005
tikv_raft_process ⓘ 收起		0.11	0.77	17572	0.01	0.003
-- tikv_raft_process	10.0.0.6:20180,ready	0.05	0.37	5026	0.01	0.003
-- tikv_raft_process	10.0.0.5:20180,ready	0.04	0.28	6692	0.004	0.003
-- tikv_raft_process	10.0.0.7:20180,ready	0.02	0.12	5854	0.004	0.0005
tikv_raft_append_log ⓘ 收起		0.09	0.62	12865	0.01	0.003
-- tikv_raft_append_log	10.0.0.6:20180	0.05	0.33	3831	0.01	0.003
-- tikv_raft_append_log	10.0.0.5:20180	0.03	0.2	4908	0.009	0.003

METRIC_NAME	LABEL	TIME_RATIO	TOTAL_TIME	TOTAL_COUNT	P999	P99
-- tikv_raft_append_log	10.0.0.7:20180	0.01	0.09	4127	0.005	0.0005
tikv_raft_commit_log 收起		0.01	0.07	7	0.03	0.03
-- tikv_raft_commit_log	10.0.0.6:20180	0.01	0.07	7	0.03	0.03
tikv_raft_apply_wait 📘 收起		0.0001	0.001	13	0.0005	0.0005
-- tikv_raft_apply_wait	10.0.0.6:20180	0.00008	0.0005	7	0.0005	0.0005
-- tikv_raft_apply_wait	10.0.0.5:20180	0.00004	0.0003	3	0.0005	0.0005
-- tikv_raft_apply_wait	10.0.0.7:20180	0.00003	0.0002	3	0.0005	0.0005
tikv_raft_apply_log 📘 收起		0.0008	0.005	13	0.004	0.004
-- tikv_raft_apply_log	10.0.0.6:20180	0.0008	0.005	7	0.004	0.004
tikv_raft_store_events 📘		0	0	27	0.001	0.001
快照处理 📘						
快照发送 📘						
tikv_check_split 📘		0	0	0		
tikv_ingest_sst 📘						
tikv_gc_tasks 📘		0	0	0		
tikv_pd_request 📘 收起		0.03	0.19	286	0.005	0.005
-- tikv_pd_request	10.0.0.6:20180,tso	0.009	0.06	91	0.005	0.005
-- tikv_pd_request	10.0.0.5:20180,tso	0.008	0.06	85	0.005	0.005
-- tikv_pd_request	10.0.0.7:20180,tso	0.007	0.05	83	0.005	0.005
-- tikv_pd_request	10.0.0.5:20180,store_heartbeat	0.001	0.008	10	0.005	0.005
-- tikv_pd_request	10.0.0.6:20180,store_heartbeat	0.0008	0.006	7	0.005	0.005
-- tikv_pd_request	10.0.0.5:20180,get_gc_safe_point	0.0006	0.004	1	0.005	0.005
-- tikv_pd_request	10.0.0.7:20180,store_heartbeat	0.0006	0.004	7	0.005	0.005
-- tikv_pd_request	10.0.0.6:20180,get_gc_safe_point	0.0004	0.003	1	0.005	0.005
tikv_lock_manager_deadlock_detect 📘						
tikv_lock_manager_waiter_lifetime 📘						
tikv_backup_range 📘						
tikv_backup 📘						

RocksDB 事件耗时

METRIC_NAME	LABEL	AVG	MAX	P99	P95
get duration 📘 收起		6 us	1013 us	40 us	28 us
-- get duration	10.0.0.5:20180	10 us	198 us	33 us	21 us
-- get duration	10.0.0.6:20180	7 us	61 us	40 us	28 us
-- get duration	10.0.0.7:20180	2 us	1013 us	34 us	27 us
seek duration 📘 收起		8 us	9041 us	230 us	109 us
-- seek duration	10.0.0.5:20180	14 us	366 us	230 us	109 us
-- seek duration	10.0.0.6:20180	9 us	809 us	73 us	49 us
-- seek duration	10.0.0.7:20180	1 us	9041 us	64 us	21 us
write duration 📘 收起		3056 us	17 ms	17 ms	17 ms
-- write duration	10.0.0.6:20180	3509 us	17 ms	17 ms	17 ms

METRIC_NAME	LABEL	AVG	MAX	P99	P95
-- write duration	10.0.0.5:20180	2879 us	14 ms	14 ms	13 ms
-- write duration	10.0.0.7:20180	2781 us	12 ms	12 ms	11 ms
WAL sync duration ⓘ 收起		2430 us	13 ms	13 ms	13 ms
-- WAL sync duration	10.0.0.7:20180	2544 us	8565 us	8565 us	8565 us
-- WAL sync duration	10.0.0.5:20180	2439 us	11 ms	11 ms	11 ms
-- WAL sync duration	10.0.0.6:20180	2307 us	13 ms	13 ms	13 ms
compaction duration ⓘ 收起		0 us	0 us	0 us	0 us
-- compaction duration	10.0.0.6:20180	0 us	0 us	0 us	0 us
-- compaction duration	10.0.0.7:20180	0 us	0 us	0 us	0 us
-- compaction duration	10.0.0.5:20180	0 us	0 us	0 us	0 us
SST read duration ⓘ 收起		1 us	37 us	37 us	37 us
-- SST read duration	10.0.0.7:20180	3 us	37 us	37 us	37 us
-- SST read duration	10.0.0.5:20180	0 us	0 us	0 us	0 us
-- SST read duration	10.0.0.6:20180	0 us	0 us	0 us	0 us
write stall duration ⓘ 收起		0 us	0 us	0 us	0 us
-- write stall duration	10.0.0.7:20180	0 us	0 us	0 us	0 us
-- write stall duration	10.0.0.5:20180	0 us	0 us	0 us	0 us
-- write stall duration	10.0.0.6:20180	0 us	0 us	0 us	0 us

TiKV 错误

METRIC_NAME	LABEL	TOTAL_COUNT
gRPC 消息失败的总数量 ⓘ		0
TiKV 临界误差的总数量 ⓘ		
tikv_scheduler_is_busy_total_count ⓘ		
tikv_channel_full_total_count ⓘ		
Coprocessor 错误总数量 ⓘ		0
tikv_engine_write_stall ⓘ		0
tikv_server_report_failures_total_count ⓘ		
tikv_storage_async_request_error ⓘ 收起		5
-- tikv_storage_async_request_error	10.0.0.5:20180,err_not_leader,snapshot	5
tikv_lock_manager_detect_error_total_count ⓘ		
tikv_backup_errors_total_count ⓘ		

TiKV 实例存储大小

METRIC_NAME	LABEL	TOTAL_COUNT
store size ⓘ 收起		75.734 GB
-- store size	10.0.0.5:20180,write	24.501 GB
-- store size	10.0.0.6:20180,write	24.332 GB
-- store size	10.0.0.7:20180,write	24.281 GB
-- store size	10.0.0.6:20180,default	691.063 MB
-- store size	10.0.0.7:20180,default	673.276 MB
-- store size	10.0.0.5:20180,default	640.296 MB
-- store size	10.0.0.7:20180,raft	133.537 MB

METRIC_NAME	LABEL	TOTAL_COUNT
-- store size	10.0.0.6:20180,raft	133.178 MB
-- store size	10.0.0.5:20180,raft	128.616 MB
-- store size	10.0.0.7:20180,lock	112.758 MB
-- store size	10.0.0.6:20180,lock	111.870 MB
-- store size	10.0.0.5:20180,lock	58.619 MB

Approximate Region 大小




METRIC_NAME	LABEL	P99	P90	P80	P50
Approximate Region size ⓘ 收起		7.960 MB	7.600 MB	7.200 MB	6.000 MB
-- Approximate Region size	10.0.0.5:20180	7.960 MB	7.600 MB	7.200 MB	6.000 MB

Coprocessor 信息

METRIC_NAME	LABEL	TOTAL_VALUE
TiKV Coprocessor 扫描键总数量 ⓘ 收起		1184657.08
-- tikv_cop_scan_keys_num	10.0.0.6:20180,select	636573.69
-- tikv_cop_scan_keys_num	10.0.0.7:20180,select	459213.33
-- tikv_cop_scan_keys_num	10.0.0.5:20180,select	87864.25
-- tikv_cop_scan_keys_num	10.0.0.5:20180,index	824.18
-- tikv_cop_scan_keys_num	10.0.0.6:20180,index	181.62
TiKV Coprocessor 响应总大小 ⓘ 收起		64.150 MB
-- tikv_cop_total_response_total_size	10.0.0.6:20180	39.095 MB
-- tikv_cop_total_response_total_size	10.0.0.7:20180	24.929 MB
-- tikv_cop_total_response_total_size	10.0.0.5:20180	129.272 KB
TiKV Coprocessor 扫描操作总数量 ⓘ 收起		6707144.91
-- tikv_cop_scan_num	10.0.0.6:20180,select,total,write	1518412.2
-- tikv_cop_scan_num	10.0.0.6:20180,select,next,write	1401655.1
-- tikv_cop_scan_num	10.0.0.7:20180,select,total,write	1034840
-- tikv_cop_scan_num	10.0.0.7:20180,select,next,write	960250.67
-- tikv_cop_scan_num	10.0.0.6:20180,select,processed,write	636573.69
-- tikv_cop_scan_num	10.0.0.7:20180,select,processed,write	459213.33
-- tikv_cop_scan_num	10.0.0.5:20180,select,total,write	197024.17
-- tikv_cop_scan_num	10.0.0.5:20180,select,next,write	182299.67
-- tikv_cop_scan_num	10.0.0.6:20180,select,seek,write	116757.1
-- tikv_cop_scan_num	10.0.0.5:20180,select,processed,write	87177.92
-- tikv_cop_scan_num	10.0.0.7:20180,select,seek,write	74589.33
-- tikv_cop_scan_num	10.0.0.5:20180,select,seek,write	14724.5
-- tikv_cop_scan_num	10.0.0.6:20180,select,total,lock	4455.97
-- tikv_cop_scan_num	10.0.0.6:20180,select,seek,lock	4254.53
-- tikv_cop_scan_num	10.0.0.7:20180,select,total,lock	2716
-- tikv_cop_scan_num	10.0.0.7:20180,select,seek,lock	2714.67
-- tikv_cop_scan_num	10.0.0.5:20180,index,total,write	1813.2
-- tikv_cop_scan_num	10.0.0.5:20180,index,next,write	1648.37
-- tikv_cop_scan_num	10.0.0.5:20180,select,total,lock	828.5
-- tikv_cop_scan_num	10.0.0.5:20180,index,processed,write	824.18

METRIC_NAME	LABEL	TOTAL_VALUE
-- tikv_cop_scan_num	10.0.0.5:20180,select,processed,default	686.34
-- tikv_cop_scan_num	10.0.0.5:20180,select,total,default	686.34
-- tikv_cop_scan_num	10.0.0.5:20180,select,seek,lock	656.92
-- tikv_cop_scan_num	10.0.0.5:20180,select,next,default	514.75
-- tikv_cop_scan_num	10.0.0.6:20180,index,total,write	242.16
-- tikv_cop_scan_num	10.0.0.6:20180,select,get,lock	201.44
-- tikv_cop_scan_num	10.0.0.6:20180,index,next,write	181.62
-- tikv_cop_scan_num	10.0.0.6:20180,index,processed,write	181.62
-- tikv_cop_scan_num	10.0.0.5:20180,select,get,lock	171.58
-- tikv_cop_scan_num	10.0.0.5:20180,select,seek,default	171.58
-- tikv_cop_scan_num	10.0.0.5:20180,index,seek,lock	164.84
-- tikv_cop_scan_num	10.0.0.5:20180,index,total,lock	164.84
-- tikv_cop_scan_num	10.0.0.5:20180,index,seek,write	164.84
-- tikv_cop_scan_num	10.0.0.6:20180,index,seek,write	60.54
-- tikv_cop_scan_num	10.0.0.6:20180,index,seek,lock	60.54
-- tikv_cop_scan_num	10.0.0.6:20180,index,total,lock	60.54
-- tikv_cop_scan_num	10.0.0.7:20180,select,get,lock	1.33

TiKV 调度器信息

METRIC_NAME	LABEL	TOTAL_VALUE	TOTAL_COUNT	P999	P99	P95
tikv_scheduler_keys_read  收起		5186	301	256	255	24
-- tikv_scheduler_keys_read	10.0.0.5:20180,scan	2833	14	256	255	24
-- tikv_scheduler_keys_read	10.0.0.6:20180,batch_get	1513	78	128	126	10
-- tikv_scheduler_keys_read	10.0.0.7:20180,scan	634	3	256	255	24
-- tikv_scheduler_keys_read	10.0.0.5:20180,get	176	176	1	1	1
-- tikv_scheduler_keys_read	10.0.0.7:20180,get	31	31	1	1	1
tikv_scheduler_keys_written  收起		7	7	1	1	1
-- tikv_scheduler_keys_written	10.0.0.6:20180,prewrite	3	3	1	1	1
-- tikv_scheduler_keys_written	10.0.0.6:20180,commit	3	3	1	1	1
-- tikv_scheduler_keys_written	10.0.0.6:20180,acquire_pessimistic_lock	1	1	1	1	1
tikv_scheduler_scan_details_total_num  收起		154443.09				
-- tikv_scheduler_scan_details_total_num	10.0.0.6:20180,batch_get_command,total	19888.67				
-- tikv_scheduler_scan_details_total_num	10.0.0.7:20180,batch_get_command,total	15636.55				
-- tikv_scheduler_scan_details_total_num	10.0.0.5:20180,scan,total	13892.1				
-- tikv_scheduler_scan_details_total_num	10.0.0.5:20180,scan,prev	13782.61				
-- tikv_scheduler_scan_details_total_num	10.0.0.5:20180,scan,processed	11948.58				
-- tikv_scheduler_scan_details_total_num	10.0.0.6:20180,batch_get_command,processed	10954.98				

METRIC_NAME	LABEL	TOTAL_VALUE	TOTAL_COUNT	P999	P99	P95
-- tikv_scheduler_scan_details_total_num	10.0.0.6:20180,batch_get_command,get	8932.36				
-- tikv_scheduler_scan_details_total_num	10.0.0.6:20180,batch_get_command,seek	8932.36				
-- tikv_scheduler_scan_details_total_num	10.0.0.7:20180,batch_get_command,processed	8829.28				
-- tikv_scheduler_scan_details_total_num	10.0.0.7:20180,batch_get_command,seek	6807.27				
-- tikv_scheduler_scan_details_total_num	10.0.0.7:20180,batch_get_command,get	6807.27				
-- tikv_scheduler_scan_details_total_num	10.0.0.7:20180,scan,total	3106.71				
-- tikv_scheduler_scan_details_total_num	10.0.0.7:20180,scan,prev	3082.23				
-- tikv_scheduler_scan_details_total_num	10.0.0.6:20180,batch_get,total	3073.96				
-- tikv_scheduler_scan_details_total_num	10.0.0.7:20180,scan,processed	2672.08				
-- tikv_scheduler_scan_details_total_num	10.0.0.5:20180,batch_get_command,total	2410.67				
-- tikv_scheduler_scan_details_total_num	10.0.0.6:20180,batch_get_command,next	2023.95				
-- tikv_scheduler_scan_details_total_num	10.0.0.7:20180,batch_get_command,next	2022.01				
-- tikv_scheduler_scan_details_total_num	10.0.0.6:20180,batch_get,get	1536.98				
-- tikv_scheduler_scan_details_total_num	10.0.0.6:20180,batch_get,seek	1536.98				
-- tikv_scheduler_scan_details_total_num	10.0.0.6:20180,batch_get,processed	1512.65				
-- tikv_scheduler_scan_details_total_num	10.0.0.5:20180,batch_get_command,processed	1356				
-- tikv_scheduler_scan_details_total_num	10.0.0.5:20180,batch_get_command,seek	1054.67				
-- tikv_scheduler_scan_details_total_num	10.0.0.5:20180,batch_get_command,get	1054.67				
-- tikv_scheduler_scan_details_total_num	10.0.0.5:20180,get,total	351.07				
-- tikv_scheduler_scan_details_total_num	10.0.0.5:20180,batch_get_command,next	301.33				
-- tikv_scheduler_scan_details_total_num	10.0.0.5:20180,get,get	175.53				
-- tikv_scheduler_scan_details_total_num	10.0.0.5:20180,get,processed	175.53				
-- tikv_scheduler_scan_details_total_num	10.0.0.5:20180,get,seek	175.53				
-- tikv_scheduler_scan_details_total_num	10.0.0.5:20180,scan,seek_for_prev	68.43				
-- tikv_scheduler_scan_details_total_num	10.0.0.7:20180,get,total	61.22				

METRIC_NAME	LABEL	TOTAL_VALUE	TOTAL_COUNT	P999	P99	P95
-- tikv_scheduler_scan_details_total_num	10.0.0.5:20180,scan,seek	41.06				
-- tikv_scheduler_scan_details_total_num	10.0.0.7:20180,get,get	30.61				
-- tikv_scheduler_scan_details_total_num	10.0.0.7:20180,get,seek	30.61				
-- tikv_scheduler_scan_details_total_num	10.0.0.7:20180,get,processed	30.61				
-- tikv_scheduler_scan_details_total_num	10.0.0.5:20180,scan,over_seek_bound	27.37				
-- tikv_scheduler_scan_details_total_num	10.0.0.6:20180,acquire_pessimistic_lock,total	24				
-- tikv_scheduler_scan_details_total_num	10.0.0.6:20180,acquire_pessimistic_lock,seek	22.67				
-- tikv_scheduler_scan_details_total_num	10.0.0.6:20180,acquire_pessimistic_lock,processed	21.33				
-- tikv_scheduler_scan_details_total_num	10.0.0.7:20180,scan,seek_for_prev	15.3				
-- tikv_scheduler_scan_details_total_num	10.0.0.7:20180,scan,seek	9.18				
-- tikv_scheduler_scan_details_total_num	10.0.0.7:20180,scan,over_seek_bound	6.12				
-- tikv_scheduler_scan_details_total_num	10.0.0.6:20180,prewrite,total	4				
-- tikv_scheduler_scan_details_total_num	10.0.0.6:20180,prewrite,processed	2.67				
-- tikv_scheduler_scan_details_total_num	10.0.0.6:20180,commit,processed	2.67				
-- tikv_scheduler_scan_details_total_num	10.0.0.6:20180,commit,get	2.67				
-- tikv_scheduler_scan_details_total_num	10.0.0.6:20180,commit,total	2.67				
-- tikv_scheduler_scan_details_total_num	10.0.0.6:20180,prewrite,get	2.67				
-- tikv_scheduler_scan_details_total_num	10.0.0.6:20180,acquire_pessimistic_lock,get	1.33				
-- tikv_scheduler_scan_details_total_num	10.0.0.6:20180,prewrite,seek	1.33				
调度程序状态的总数量 📘 收起		40				
-- tikv_scheduler_stage_total_num	10.0.0.6:20180,prewrite,new	2.67				
-- tikv_scheduler_stage_total_num	10.0.0.6:20180,commit,process	2.67				
-- tikv_scheduler_stage_total_num	10.0.0.6:20180,commit,new	2.67				
-- tikv_scheduler_stage_total_num	10.0.0.6:20180,prewrite,write	2.67				
-- tikv_scheduler_stage_total_num	10.0.0.6:20180,prewrite,snapshot	2.67				
-- tikv_scheduler_stage_total_num	10.0.0.6:20180,commit,write_finish	2.67				
-- tikv_scheduler_stage_total_num	10.0.0.6:20180,commit,snapshot_ok	2.67				
-- tikv_scheduler_stage_total_num	10.0.0.6:20180,prewrite,snapshot_ok	2.67				
-- tikv_scheduler_stage_total_num	10.0.0.6:20180,commit,write	2.67				

METRIC_NAME	LABEL	TOTAL_VALUE	TOTAL_COUNT	P999	P99	P50
-- tikv_scheduler_stage_total_num	10.0.0.6:20180,prewrite,write_finish	2.67				
-- tikv_scheduler_stage_total_num	10.0.0.6:20180,prewrite,process	2.67				
-- tikv_scheduler_stage_total_num	10.0.0.6:20180,commit,snapshot	2.67				
-- tikv_scheduler_stage_total_num	10.0.0.6:20180,acquire_pessimistic_lock,new	1.33				
-- tikv_scheduler_stage_total_num	10.0.0.6:20180,acquire_pessimistic_lock,write_finish	1.33				
-- tikv_scheduler_stage_total_num	10.0.0.6:20180,acquire_pessimistic_lock,write	1.33				
-- tikv_scheduler_stage_total_num	10.0.0.6:20180,acquire_pessimistic_lock,process	1.33				
-- tikv_scheduler_stage_total_num	10.0.0.6:20180,acquire_pessimistic_lock,snapshot_ok	1.33				
-- tikv_scheduler_stage_total_num	10.0.0.6:20180,acquire_pessimistic_lock,snapshot	1.33				

Raft 信息

METRIC_NAME	LABEL	TOTAL_VALUE
发送的 Raft 消息的总数量 ⓘ 收起		18027.43
-- tikv_raft_sent_messages_total_num	10.0.0.5:20180,heartbeat	3271.52
-- tikv_raft_sent_messages_total_num	10.0.0.6:20180,heartbeat	3226.26
-- tikv_raft_sent_messages_total_num	10.0.0.6:20180,heartbeat_resp	3139.38
-- tikv_raft_sent_messages_total_num	10.0.0.7:20180,heartbeat_resp	3054.27
-- tikv_raft_sent_messages_total_num	10.0.0.5:20180,heartbeat_resp	2816.03
-- tikv_raft_sent_messages_total_num	10.0.0.7:20180,heartbeat	2471.5
-- tikv_raft_sent_messages_total_num	10.0.0.6:20180,append	13.33
-- tikv_raft_sent_messages_total_num	10.0.0.7:20180,append	6.12
-- tikv_raft_sent_messages_total_num	10.0.0.5:20180,append	5.33
-- tikv_raft_sent_messages_total_num	10.0.0.5:20180,append_resp	3.37
-- tikv_raft_sent_messages_total_num	10.0.0.7:20180,vote	3.06
-- tikv_raft_sent_messages_total_num	10.0.0.5:20180,transfer_leader	3.02
-- tikv_raft_sent_messages_total_num	10.0.0.7:20180,transfer_leader	2.86
-- tikv_raft_sent_messages_total_num	10.0.0.5:20180,vote	2.67
-- tikv_raft_sent_messages_total_num	10.0.0.7:20180,append_resp	2.67
-- tikv_raft_sent_messages_total_num	10.0.0.5:20180,timeout_now	1.69
-- tikv_raft_sent_messages_total_num	10.0.0.5:20180,vote_resp	1.69
-- tikv_raft_sent_messages_total_num	10.0.0.7:20180,vote_resp	1.33
-- tikv_raft_sent_messages_total_num	10.0.0.7:20180,timeout_now	1.33
持久化 Raft 消息的总数量 ⓘ 收起		9277.27
-- tikv_flush_messages_total_num	10.0.0.5:20180	3399.92
-- tikv_flush_messages_total_num	10.0.0.7:20180	2970.76
-- tikv_flush_messages_total_num	10.0.0.6:20180	2906.59
接受 Raft 消息的总数量 ⓘ 收起		18027.27
-- tikv_receive_messages_total_num	10.0.0.6:20180	6378.97
-- tikv_receive_messages_total_num	10.0.0.5:20180	6104.96
-- tikv_receive_messages_total_num	10.0.0.7:20180	5543.34
丢弃 Raft 消息的总数量 ⓘ		0
Raft proposal 的总数量 ⓘ 收起		685.41
-- tikv_raft_proposals_total_num	10.0.0.6:20180,all	268.24

METRIC_NAME	LABEL	TOTAL_VALUE
-- tikv_raft_proposals_total_num	10.0.0.6:20180,local_read	191.78
-- tikv_raft_proposals_total_num	10.0.0.5:20180,all	76.51
-- tikv_raft_proposals_total_num	10.0.0.6:20180,read_index	59.53
-- tikv_raft_proposals_total_num	10.0.0.5:20180,local_read	50.75
-- tikv_raft_proposals_total_num	10.0.0.5:20180,read_index	18.39
-- tikv_raft_proposals_total_num	10.0.0.6:20180,normal	6.67
-- tikv_raft_proposals_total_num	10.0.0.7:20180,all	5.92
-- tikv_raft_proposals_total_num	10.0.0.7:20180,local_read	4.59
-- tikv_raft_proposals_total_num	10.0.0.5:20180,transfer_leader	1.69
-- tikv_raft_proposals_total_num	10.0.0.7:20180,transfer_leader	1.33

TiKV 快照信息

METRIC_NAME	LABEL	TOTAL_VALUE	TOTAL_COUNT	P999	P99	P90	P80
快照的 KV 数量							
快照大小							
tikv_snapshot_state_total_count		0					

GC 信息







METRIC_NAME	LABEL	TOTAL_VALUE
tikv_gc_keys_total_num		0
tidb_gc_worker_action_total_num		0

TiKV 任务信息

METRIC_NAME	LABEL	TOTAL_VALUE
worker 处理的任务总数量 收起		1284
-- tikv_worker_handled_tasks_total_num	10.0.0.5:20180,pd-worker	415
-- tikv_worker_handled_tasks_total_num	10.0.0.6:20180,pd-worker	404
-- tikv_worker_handled_tasks_total_num	10.0.0.7:20180,pd-worker	187
-- tikv_worker_handled_tasks_total_num	10.0.0.6:20180,cdc	91
-- tikv_worker_handled_tasks_total_num	10.0.0.5:20180,cdc	85
-- tikv_worker_handled_tasks_total_num	10.0.0.7:20180,cdc	83
-- tikv_worker_handled_tasks_total_num	10.0.0.5:20180,region-collector-worker	6
-- tikv_worker_handled_tasks_total_num	10.0.0.7:20180,region-collector-worker	6
-- tikv_worker_handled_tasks_total_num	10.0.0.5:20180,deadlock-detector	3
-- tikv_worker_handled_tasks_total_num	10.0.0.7:20180,deadlock-detector	3
-- tikv_worker_handled_tasks_total_num	10.0.0.5:20180,split-check	1
工作进程的挂起和运行任务的总数量		0
future_pool 处理的任务总数量 收起		17054
-- tikv_futurepool_handled_tasks_total_num	10.0.0.6:20180,store-read-normal	10278
-- tikv_futurepool_handled_tasks_total_num	10.0.0.7:20180,store-read-normal	6534
-- tikv_futurepool_handled_tasks_total_num	10.0.0.5:20180,store-read-high	178
-- tikv_futurepool_handled_tasks_total_num	10.0.0.7:20180,store-read-high	34
-- tikv_futurepool_handled_tasks_total_num	10.0.0.5:20180,store-read-normal	18
-- tikv_futurepool_handled_tasks_total_num	10.0.0.6:20180,sched-worker-pool	13

METRIC_NAME	LABEL	TOTAL_VALUE
future_pool 总挂起和运行任务数量 		0

缓存命中率

METRIC_NAME	INSTANCE	AVG	MAX	MIN
memtable 命中率  收起		36%	50%	10%
-- tikv_memtable_hit	10.0.0.7:20180	43%	50%	36%
-- tikv_memtable_hit	10.0.0.5:20180	39%	50%	15%
-- tikv_memtable_hit	10.0.0.6:20180	28%	50%	10%
所有块缓存命中率  收起		100%	100%	100%
-- tikv_block_all_cache_hit	10.0.0.7:20180	100%	100%	100%
-- tikv_block_all_cache_hit	10.0.0.5:20180	100%	100%	100%
-- tikv_block_all_cache_hit	10.0.0.6:20180	100%	100%	100%
索引块缓存命中率  收起		100%	100%	100%
-- tikv_block_index_cache_hit	10.0.0.7:20180	100%	100%	100%
-- tikv_block_index_cache_hit	10.0.0.5:20180	100%	100%	100%
-- tikv_block_index_cache_hit	10.0.0.6:20180	100%	100%	100%
过滤块缓存命中率  收起		100%	100%	100%
-- tikv_block_filter_cache_hit	10.0.0.7:20180	100%	100%	100%
-- tikv_block_filter_cache_hit	10.0.0.5:20180	100%	100%	100%
-- tikv_block_filter_cache_hit	10.0.0.6:20180	100%	100%	100%
数据块缓存命中率  收起		100%	100%	100%
-- tikv_block_data_cache_hit	10.0.0.7:20180	100%	100%	100%
-- tikv_block_data_cache_hit	10.0.0.5:20180	100%	100%	100%
-- tikv_block_data_cache_hit	10.0.0.6:20180	100%	100%	100%
bloom_prefix 块缓存命中率  收起		22%	48%	0.5%
-- tikv_block_bloom_prefix_cache_hit	10.0.0.6:20180	43%	48%	38%
-- tikv_block_bloom_prefix_cache_hit	10.0.0.5:20180	8%	16%	0.5%
-- tikv_block_bloom_prefix_cache_hit	10.0.0.7:20180	7%	7%	7%

配置

调度器初始配置

PD 调度器的初始配置值。初始时间是报表的开始时间。

CONFIG_ITEM	VALUE	CURRENT_VALUE	DIFF_WITH_CURRENT
max-merge-region-keys	200000	200000	0
hot-region-cache-hits-threshold	3	3	0
max-replicas	3	3	0
enable-makeup-replica	1	1	0
enable-remove-down-replica	1	1	0
enable-remove-extra-replica	1	1	0
max-pending-peer-count	16	16	0
region-schedule-limit	2048	2048	0
max-merge-region-size	20	20	0
merge-schedule-limit	8	8	0

CONFIG_ITEM	VALUE	CURRENT_VALUE	DIFF_WITH_CURRENT
enable-replace-offline-replica	1	1	0
hot-region-schedule-limit	4	4	0
leader-schedule-limit	4	4	0
low-space-ratio	0.8	0.8	0
high-space-ratio	0.7	0.7	0
max-snapshot-count	3	3	0
replica-schedule-limit	64	64	0

调度器配置修改历史

PD 调度器的配置更改历史。APPROXIMATE_CHANGE_TIME 为最近的有效更改时间。

APPROXIMATE_CHANGE_TIME	CONFIG_ITEM	VALUE
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TiDB GC 初始配置

TiDB GC 的初始配置值。初始时间是报表的开始时间。

CONFIG_ITEM	VALUE	CURRENT_VALUE	DIFF_WITH_CURRENT
tikv_gc_life_time	600	600	0
tikv_gc_run_interval	600	600	0

TiDB GC 配置修改历史

TiDB GC 的配置更改历史。APPROXIMATE_CHANGE_TIME 为最近的有效更改时间。

APPROXIMATE_CHANGE_TIME	CONFIG_ITEM	VALUE
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TiKV RocksDB 初始配置

TiKV RocksDB 的初始配置值。初始时间是报表的开始时间。

CONFIG_ITEM	INSTANCE	VALUE	CURRENT_VALUE	DIFF_WITH_CURRENT	DISTINCT_VALUES_IN_INSTANCES
block_based_bloom_filter , default		0	0	0	1
block_based_bloom_filter , lock		0	0	0	1
block_based_bloom_filter , raft		0	0	0	1
block_based_bloom_filter , write		0	0	0	1
block_cache_size , default		4197449728	4197449728	0	1
block_cache_size , lock		335544320	335544320	0	1
block_cache_size , raft		134217728	134217728	0	1
block_cache_size , write		2518679552	2518679552	0	1
block_size , default		65536	65536	0	1
block_size , lock		16384	16384	0	1
block_size , raft		16384	16384	0	1
block_size , write		65536	65536	0	1
bloom_filter_bits_per_key , default		10	10	0	1
bloom_filter_bits_per_key , lock		10	10	0	1
bloom_filter_bits_per_key , raft		10	10	0	1
bloom_filter_bits_per_key , write		10	10	0	1
cache_index_and_filter_blocks , default		1	1	0	1
cache_index_and_filter_blocks , lock		1	1	0	1
cache_index_and_filter_blocks , raft		1	1	0	1
cache_index_and_filter_blocks , write		1	1	0	1

CONFIG_ITEM	INSTANCE	VALUE	CURRENT_VALUE	DIFF_WITH_CURRENT	DISTINCT_VALUES_IN_INSTA
disable_auto_compactions , default		0	0	0	1
disable_auto_compactions , lock		0	0	0	1
disable_auto_compactions , raft		0	0	0	1
disable_auto_compactions , write		0	0	0	1
disable_block_cache , default		0	0	0	1
disable_block_cache , lock		0	0	0	1
disable_block_cache , raft		0	0	0	1
disable_block_cache , write		0	0	0	1
dynamic_level_bytes , default		1	1	0	1
dynamic_level_bytes , lock		1	1	0	1
dynamic_level_bytes , raft		1	1	0	1
dynamic_level_bytes , write		1	1	0	1
enable_doubly_skiplist , default		1	1	0	1
enable_doubly_skiplist , lock		1	1	0	1
enable_doubly_skiplist , raft		1	1	0	1
enable_doubly_skiplist , write		1	1	0	1
force_consistency_checks , default		1	1	0	1
force_consistency_checks , lock		1	1	0	1
force_consistency_checks , raft		1	1	0	1
force_consistency_checks , write		1	1	0	1
hard_pending_compaction_bytes_limit , default		274877906944	274877906944	0	1
hard_pending_compaction_bytes_limit , lock		274877906944	274877906944	0	1
hard_pending_compaction_bytes_limit , raft		274877906944	274877906944	0	1
hard_pending_compaction_bytes_limit , write		274877906944	274877906944	0	1
level0_file_num_compaction_trigger , default		4	4	0	1
level0_file_num_compaction_trigger , lock		1	1	0	1
level0_file_num_compaction_trigger , raft		1	1	0	1
level0_file_num_compaction_trigger , write		4	4	0	1
level0_slowdown_writes_trigger , default		20	20	0	1
level0_slowdown_writes_trigger , lock		20	20	0	1
level0_slowdown_writes_trigger , raft		20	20	0	1
level0_slowdown_writes_trigger , write		20	20	0	1
level0_stop_writes_trigger , default		36	36	0	1
level0_stop_writes_trigger , lock		36	36	0	1
level0_stop_writes_trigger , raft		36	36	0	1
level0_stop_writes_trigger , write		36	36	0	1
max_bytes_for_level_base , default		536870912	536870912	0	1

CONFIG_ITEM	INSTANCE	VALUE	CURRENT_VALUE	DIFF_WITH_CURRENT	DISTINCT_VALUES_IN_INSTA
max_bytes_for_level_base , lock		134217728	134217728	0	1
max_bytes_for_level_base , raft		134217728	134217728	0	1
max_bytes_for_level_base , write		536870912	536870912	0	1
max_bytes_for_level_multiplier , default		10	10	0	1
max_bytes_for_level_multiplier , lock		10	10	0	1
max_bytes_for_level_multiplier , raft		10	10	0	1
max_bytes_for_level_multiplier , write		10	10	0	1
max_compaction_bytes , default		2147483648	2147483648	0	1
max_compaction_bytes , lock		2147483648	2147483648	0	1
max_compaction_bytes , raft		2147483648	2147483648	0	1
max_compaction_bytes , write		2147483648	2147483648	0	1
max_write_buffer_number , default		5	5	0	1
max_write_buffer_number , lock		5	5	0	1
max_write_buffer_number , raft		5	5	0	1
max_write_buffer_number , write		5	5	0	1
min_write_buffer_number_to_merge , default		1	1	0	1
min_write_buffer_number_to_merge , lock		1	1	0	1
min_write_buffer_number_to_merge , raft		1	1	0	1
min_write_buffer_number_to_merge , write		1	1	0	1
num_levels , default		7	7	0	1
num_levels , lock		7	7	0	1
num_levels , raft		7	7	0	1
num_levels , write		7	7	0	1
optimize_filters_for_hits , default		1	1	0	1
optimize_filters_for_hits , lock		0	0	0	1
optimize_filters_for_hits , raft		1	1	0	1
optimize_filters_for_hits , write		0	0	0	1
pin_l0_filter_and_index_blocks , default		1	1	0	1
pin_l0_filter_and_index_blocks , lock		1	1	0	1
pin_l0_filter_and_index_blocks , raft		1	1	0	1
pin_l0_filter_and_index_blocks , write		1	1	0	1
read_amp_bytes_per_bit , default		0	0	0	1
read_amp_bytes_per_bit , lock		0	0	0	1
read_amp_bytes_per_bit , raft		0	0	0	1
read_amp_bytes_per_bit , write		0	0	0	1
soft_pending_compaction_bytes_limit , default		68719476736	68719476736	0	1
soft_pending_compaction_bytes_limit , lock		68719476736	68719476736	0	1

CONFIG_ITEM	INSTANCE	VALUE	CURRENT_VALUE	DIFF_WITH_CURRENT	DISTINCT_VALUES_IN_INSTA
soft_pending_compaction_bytes_limit , raft		68719476736	68719476736	0	1
soft_pending_compaction_bytes_limit , write		68719476736	68719476736	0	1
target_file_size_base , default		8388608	8388608	0	1
target_file_size_base , lock		8388608	8388608	0	1
target_file_size_base , raft		8388608	8388608	0	1
target_file_size_base , write		8388608	8388608	0	1
titan_blob_cache_size , default		0	0	0	1
titan_blob_cache_size , lock		0	0	0	1
titan_blob_cache_size , raft		0	0	0	1
titan_blob_cache_size , write		0	0	0	1
titan_discardable_ratio , default		0.5	0.5	0	1
titan_discardable_ratio , lock		0.5	0.5	0	1
titan_discardable_ratio , raft		0.5	0.5	0	1
titan_discardable_ratio , write		0.5	0.5	0	1
titan_max_gc_batch_size , default		67108864	67108864	0	1
titan_max_gc_batch_size , lock		67108864	67108864	0	1
titan_max_gc_batch_size , raft		67108864	67108864	0	1
titan_max_gc_batch_size , write		67108864	67108864	0	1
titan_merge_small_file_threshold , default		8388608	8388608	0	1
titan_merge_small_file_threshold , lock		8388608	8388608	0	1
titan_merge_small_file_threshold , raft		8388608	8388608	0	1
titan_merge_small_file_threshold , write		8388608	8388608	0	1
titan_min_blob_size , default		1024	1024	0	1
titan_min_blob_size , lock		1024	1024	0	1
titan_min_blob_size , raft		1024	1024	0	1
titan_min_blob_size , write		1024	1024	0	1
titan_min_gc_batch_size , default		16777216	16777216	0	1
titan_min_gc_batch_size , lock		16777216	16777216	0	1
titan_min_gc_batch_size , raft		16777216	16777216	0	1
titan_min_gc_batch_size , write		16777216	16777216	0	1
titan_sample_ratio , default		0.1	0.1	0	1
titan_sample_ratio , lock		0.1	0.1	0	1
titan_sample_ratio , raft		0.1	0.1	0	1
titan_sample_ratio , write		0.1	0.1	0	1
use_bloom_filter , default		1	1	0	1
use_bloom_filter , lock		1	1	0	1
use_bloom_filter , raft		1	1	0	1
use_bloom_filter , write		1	1	0	1
whole_key_filtering , default		1	1	0	1
whole_key_filtering , lock		1	1	0	1

CONFIG_ITEM	INSTANCE	VALUE	CURRENT_VALUE	DIFF_WITH_CURRENT	DISTINCT_VALUES_IN_INSTANCE
whole_key_filtering , raft		1	1	0	1
whole_key_filtering , write		0	0	0	1
write_buffer_size , default		134217728	134217728	0	1
write_buffer_size , lock		33554432	33554432	0	1
write_buffer_size , raft		134217728	134217728	0	1
write_buffer_size , write		134217728	134217728	0	1

TiKV RocksDB 配置修改历史

TiKV RocksDB 的配置更改历史。APPROXIMATE_CHANGE_TIME 为最近的有效更改时间。

APPROXIMATE_CHANGE_TIME	CONFIG_ITEM	INSTANCE	VALUE
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TiKV RaftStore 初始配置

TiKV RaftStore 的初始配置值。初始时间是报表的开始时间。

CONFIG_ITEM	INSTANCE	VALUE	CURRENT_VALUE	DIFF_WITH_CURRENT	DISTINCT_VALUES_IN_INSTANCE
abnormal_leader_missing_duration		600	600	0	1
allow_remove_leader		0	0	0	1
apply_max_batch_size		256	256	0	1
apply_pool_size		2	2	0	1
capacity		0	0	0	1
clean_stale_peer_delay		660	660	0	1
cleanup_import_sst_interval		600	600	0	1
consistency_check_interval_seconds		0	0	0	1
future_poll_size		1	1	0	1
leader_transfer_max_log_lag		10	10	0	1
local_read_batch_size		1024	1024	0	1
lock_cf_compact_bytes_threshold		268435456	268435456	0	1
lock_cf_compact_interval		600	600	0	1
max_leader_missing_duration		7200	7200	0	1
max_peer_down_duration		300	300	0	1
merge_check_tick_interval		10	10	0	1
merge_max_log_gap		10	10	0	1
messages_per_tick		4096	4096	0	1
notify_capacity		40960	40960	0	1
pd_heartbeat_tick_interval		60	60	0	1
pd_store_heartbeat_tick_interval		10	10	0	1
peer_stale_state_check_interval		300	300	0	1
prevote		1	1	0	1
raft_base_tick_interval		1	1	0	1
raft_election_timeout_ticks		10	10	0	1
raft_entry_cache_life_time		30	30	0	1
raft_entry_max_size		8388608	8388608	0	1
raft_heartbeat_ticks		2	2	0	1
raft_log_gc_count_limit		73728	73728	0	1
raft_log_gc_size_limit		75497472	75497472	0	1

CONFIG_ITEM	INSTANCE	VALUE	CURRENT_VALUE	DIFF_WITH_CURRENT	DISTINCT_VALUES_IN_INSTANCE
raft_log_gc_threshold		50	50	0	1
raft_log_gc_tick_interval		10	10	0	1
raft_max_election_timeout_ticks		20	20	0	1
raft_max_inflight_msgs		256	256	0	1
raft_max_size_per_msg		1048576	1048576	0	1
raft_min_election_timeout_ticks		10	10	0	1
raft_reject_transfer_leader_duration		3	3	0	1
raft_store_max_leader_lease		9	9	0	1
region_compact_check_interval		300	300	0	1
region_compact_check_step		100	100	0	1
region_compact_min_tombstones		10000	10000	0	1
region_compact_tombstones_percent		30	30	0	1
region_split_check_diff		6291456	6291456	0	1
report_region_flow_interval		60	60	0	1
right_derive_when_split		1	1	0	1
snap_apply_batch_size		10485760	10485760	0	1
snap_gc_timeout		14400	14400	0	1
snap_mgr_gc_tick_interval		60	60	0	1
split_region_check_tick_interval		10	10	0	1
store_max_batch_size		256	256	0	1
store_pool_size		2	2	0	1
sync_log		1	1	0	1
use_delete_range		0	0	0	1

TiKV RaftStore 配置修改历史

TiKV RaftStore 的配置更改历史。APPROXIMATE_CHANGE_TIME 为最近的有效更改时间。

APPROXIMATE_CHANGE_TIME	CONFIG_ITEM	INSTANCE	VALUE
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TiDB 当前配置

KEY	VALUE
advertise-address	10.0.0.4
alter-primary-key	false
binlog.binlog-socket	
binlog.enable	false
binlog.ignore-error	false
binlog.strategy	range
binlog.write-timeout	15s
check-mb4-value-in-utf8	true
compatible-kill-query	false
cors	
delay-clean-table-lock	0
enable-batch-dml	false
enable-collect-execution-info	true
enable-streaming	false

KEY	VALUE
enable-table-lock	false
enable-telemetry	true
experimental.allow-expression-index	false
host	0.0.0.0
isolation-read.engines	["tikv","tiflash","tidb"]
lease	45s
log.disable-error-stack	null
log.disable-timestamp	null
log.enable-error-stack	null
log.enable-slow-log	true
log.enable-timestamp	null
log.expensive-threshold	10000
log.file.filename	/home/tidb/deploy/tidb-4000/log/tidb.log
log.file.max-backups	0
log.file.max-days	0
log.file.max-size	300
log.format	text
log.level	info
log.query-log-max-len	4096
log.record-plan-in-slow-log	1
log.slow-query-file	log/tidb_slow_query.log
log.slow-threshold	300
lower-case-table-names	2
max-index-length	3072
max-server-connections	0
mem-quota-query	1073741824
new_collations_enabled_on_first_bootstrap	false
oom-action	log
oom-use-tmp-storage	true
opentracing.enable	false
opentracing.reporter.buffer-flush-interval	0
opentracing.reporter.local-agent-host-port	
opentracing.reporter.log-spans	false
opentracing.reporter.queue-size	0
opentracing.rpc-metrics	false
opentracing.sampler.max-operations	0
opentracing.sampler.param	1
opentracing.sampler.sampling-refresh-interval	0
opentracing.sampler.sampling-server-url	
opentracing.sampler.type	const
path	10.0.0.5:2379,10.0.0.6:2379,10.0.0.7:2379
performance.agg-push-down-join	false
performance.bind-info-lease	3s

KEY	VALUE
performance.committer-concurrency	16
performance.cross-join	true
performance.feedback-probability	0.05
performance.force-priority	NO_PRIORITY
performance.max-memory	0
performance.max-procs	0
performance.max-txn-ttl	600000
performance.pseudo-estimate-ratio	0.8
performance.query-feedback-limit	1024
performance.run-auto-analyze	true
performance.stats-lease	3s
performance.stmt-count-limit	5000
performance.tcp-keep-alive	true
performance.txn-total-size-limit	104857600
pessimistic-txn.enable	true
pessimistic-txn.max-retry-count	256
plugin.dir	
plugin.load	
port	4000
prepared-plan-cache.capacity	100
prepared-plan-cache.enabled	false
prepared-plan-cache.memory-guard-ratio	0.1
proxy-protocol.header-timeout	5
proxy-protocol.networks	
repair-mode	false
repair-table-list	[]
run-ddl	true
security.cluster-ssl-ca	
security.cluster-ssl-cert	
security.cluster-ssl-key	
security.cluster-verify-cn	null
security.require-secure-transport	false
security.skip-grant-table	false
security.ssl-ca	
security.ssl-cert	
security.ssl-key	
server-version	
skip-register-to-dashboard	false
socket	
split-region-max-num	1000
split-table	true
status.metrics-addr	
status.metrics-interval	15

KEY	VALUE
status.record-db-qps	false
status.report-status	true
status.status-host	0.0.0.0
status.status-port	10080
stmt-summary.enable	true
stmt-summary.enable-internal-query	false
stmt-summary.history-size	24
stmt-summary.max-sql-length	4096
stmt-summary.max-stmt-count	200
stmt-summary.refresh-interval	1800
store	tikv
tikv-client.batch-wait-size	8
tikv-client.commit-timeout	41s
tikv-client.copr-cache.admission-max-result-mb	10
tikv-client.copr-cache.admission-min-process-ms	5
tikv-client.copr-cache.capacity-mb	1000
tikv-client.copr-cache.enable	false
tikv-client.enable-chunk-rpc	true
tikv-client.grpc-connection-count	4
tikv-client.grpc-keepalive-time	10
tikv-client.grpc-keepalive-timeout	3
tikv-client.max-batch-size	128
tikv-client.max-batch-wait-time	0
tikv-client.overload-threshold	200
tikv-client.region-cache-ttl	600
tikv-client.store-limit	0
tikv-client.store-liveness-timeout	5s
tmp-storage-path	/tmp/1001_tidb/MC4wLjAuMDDoMDAwLzAuMC4wLjA6MTAwODA=/tmp-storage
tmp-storage-quota	-1
token-limit	1000
treat-old-version-utf8-as-utf8mb4	true

PD 当前配置

KEY	VALUE
DisableStrictReconfigCheck	false
ElectionInterval	3s
HeartbeatStreamBindInterval	1m0s
LeaderPriorityCheckInterval	1m0s
PreVote	true
TickInterval	500ms
WarningMsgs	null
advertise-client-urls	http://10.0.0.7:2379
advertise-client-urls	http://10.0.0.6:2379
advertise-client-urls	http://10.0.0.5:2379

KEY	VALUE
advertise-peer-urls	http://10.0.0.5:2380
advertise-peer-urls	http://10.0.0.7:2380
advertise-peer-urls	http://10.0.0.6:2380
auto-compaction-mode	periodic
auto-compaction-retention-v2	1h
client-urls	http://0.0.0.0:2379
cluster-version	4.0.4
dashboard.enable-telemetry	true
dashboard.internal-proxy	false
dashboard.public-path-prefix	
dashboard.tidb-cacert-path	
dashboard.tidb-cert-path	
dashboard.tidb-key-path	
data-dir	/home/tidb/deploy/pd-2379/data
enable-grpc-gateway	true
force-new-cluster	false
initial-cluster	pd-10.0.0.5-2379=http://10.0.0.5:2380,pd-10.0.0.6-2379=http://10.0.0.6:2380,pd-10.0.0.7-2379=http://10.0.0.7:2380
initial-cluster-state	new
join	
lease	3
log.development	false
log.disable-caller	false
log.disable-error-verbose	true
log.disable-stacktrace	false
log.disable-timestamp	false
log.file.filename	/home/tidb/deploy/pd-2379/log/pd.log
log.file.max-backups	0
log.file.max-days	0
log.file.max-size	300
log.format	text
log.level	
log.sampling	null
metric.address	
metric.interval	15s
metric.job	pd-10.0.0.7-2379
metric.job	pd-10.0.0.6-2379
metric.job	pd-10.0.0.5-2379
name	pd-10.0.0.6-2379
name	pd-10.0.0.5-2379
name	pd-10.0.0.7-2379

KEY	VALUE
pd-server.dashboard-address	http://10.0.0.7:2379
pd-server.key-type	table
pd-server.max-gap-reset-ts	24h0m0s
pd-server.metric-storage	http://10.0.0.4:9090
pd-server.runtime-services	
pd-server.use-region-storage	true
peer-urls	http://10.0.0.5:2380
peer-urls	http://10.0.0.6:2380
peer-urls	http://10.0.0.7:2380
quota-backend-bytes	8GiB
replication-mode.dr-auto-sync.dr	
replication-mode.dr-auto-sync.dr-replicas	0
replication-mode.dr-auto-sync.label-key	
replication-mode.dr-auto-sync.primary	
replication-mode.dr-auto-sync.primary-replicas	0
replication-mode.dr-auto-sync.wait-store-timeout	1m0s
replication-mode.dr-auto-sync.wait-sync-timeout	1m0s
replication-mode.replication-mode	majority
replication.enable-placement-rules	true
replication.location-labels	
replication.max-replicas	3
replication.strictly-match-label	false
schedule.enable-cross-table-merge	false
schedule.enable-debug-metrics	false
schedule.enable-location-replacement	true
schedule.enable-make-up-replica	true
schedule.enable-one-way-merge	false
schedule.enable-remove-down-replica	true
schedule.enable-remove-extra-replica	true

KEY	VALUE
schedule.enable-replace-offline-replica	true
schedule.high-space-ratio	0.7
schedule.hot-region-cache-hits-threshold	3
schedule.hot-region-schedule-limit	4
schedule.leader-schedule-limit	4
schedule.leader-schedule-policy	count
schedule.low-space-ratio	0.8
schedule.max-merge-region-keys	200000
schedule.max-merge-region-size	20
schedule.max-pending-peer-count	16
schedule.max-snapshot-count	3
schedule.max-store-down-time	30m0s
schedule.merge-schedule-limit	8
schedule.patrol-region-interval	100ms
schedule.region-schedule-limit	2048
schedule.replica-schedule-limit	64
schedule.scheduler-max-waiting-operator	5
schedule.schedulers-payload.balance-hot-region-scheduler	null
schedule.schedulers-payload.balance-leader-scheduler.name	balance-leader-scheduler
schedule.schedulers-payload.balance-leader-scheduler.ranges	[{"end-key":"","start-key":""}]
schedule.schedulers-payload.balance-region-scheduler.name	balance-region-scheduler
schedule.schedulers-payload.balance-region-scheduler.ranges	[{"end-key":"","start-key":""}]
schedule.schedulers-payload.label-scheduler.name	label-scheduler

KEY	VALUE
schedule.schedulers-payload.label-scheduler.ranges	[{"end-key":"","start-key":""}]
schedule.schedulers-v2	[{"args":null,"args-payload":"","disable":false,"type":"balance-region"},{"args":null,"args-payload":"","disable":false,"type":"balance-leader"},{"args":null,"args-payload":"","disable":false,"type":"hot-region"},{"args":null,"args-payload":"","disable":false,"type":"label"}]
schedule.split-merge-interval	1h0m0s
schedule.store-limit-mode	manual
schedule.store-limit.1.add-peer	15
schedule.store-limit.1.remove-peer	15
schedule.store-limit.1001.add-peer	15
schedule.store-limit.1001.remove-peer	15
schedule.store-limit.1023.add-peer	15
schedule.store-limit.1023.remove-peer	15
schedule.tolerant-size-ratio	0
security.cacert-path	
security.cert-allowed-cn	null
security.cert-path	
security.key-path	
tso-save-interval	3s

TiKV 当前配置

KEY	VALUE
backup.num-threads	3
coprocessor.batch-split-limit	10
coprocessor.region-max-keys	1440000
coprocessor.region-max-size	144MiB
coprocessor.region-split-keys	960000
coprocessor.region-split-size	96MiB
coprocessor.split-region-on-table	false
gc.batch-keys	512
gc.max-write-bytes-per-sec	0KiB
gc.ratio-threshold	1.1
import.num-threads	8
import.stream-channel-window	128
log-file	/home/tidb/deploy/tikv-20160/log/tikv.log
log-level	info
log-rotation-size	300MiB
log-rotation-timespan	1d
pd.endpoints	["10.0.0.5:2379","10.0.0.6:2379","10.0.0.7:2379"]

KEY	VALUE
pd.retry-interval	300ms
pd.retry-log-every	10
pd.retry-max-count	9223372036854776000
pd.update-interval	10m
pessimistic-txn.enabled	true
pessimistic-txn.pipelined	false
pessimistic-txn.wait-for-lock-timeout	1s
pessimistic-txn.wake-up-delay-duration	20ms
raftdb.allow-concurrent-memtable-write	true
raftdb.bytes-per-sync	1MiB
raftdb.compaction-readahead-size	0KiB
raftdb.create-if-missing	true
raftdb.defaultcf.block-based-bloom-filter	false
raftdb.defaultcf.block-cache-size	320MiB
raftdb.defaultcf.block-size	64KiB
raftdb.defaultcf.bloom-filter-bits-per-key	10
raftdb.defaultcf.cache-index-and-filter-blocks	true
raftdb.defaultcf.compaction-pri	0
raftdb.defaultcf.compaction-style	0
raftdb.defaultcf.compression-per-level	["no","no","lz4","lz4","lz4","zstd","zstd"]
raftdb.defaultcf.disable-auto-compactions	false
raftdb.defaultcf.disable-block-cache	false
raftdb.defaultcf.dynamic-level-bytes	true
raftdb.defaultcf.enable-doubly-skiplist	true
raftdb.defaultcf.force-consistency-checks	true
raftdb.defaultcf.hard-pending-compaction-bytes-limit	256GiB
raftdb.defaultcf.level0-file-num-compaction-trigger	4
raftdb.defaultcf.level0-slowdown-writes-trigger	20
raftdb.defaultcf.level0-stop-writes-trigger	36
raftdb.defaultcf.max-bytes-for-level-base	512MiB
raftdb.defaultcf.max-bytes-for-level-multiplier	10
raftdb.defaultcf.max-compaction-bytes	2GiB
raftdb.defaultcf.max-write-buffer-number	5
raftdb.defaultcf.min-write-buffer-number-to-merge	1
raftdb.defaultcf.num-levels	7
raftdb.defaultcf.optimize-filters-for-hits	true
raftdb.defaultcf.pin-l0-filter-and-index-blocks	true
raftdb.defaultcf.prop-keys-index-distance	40960
raftdb.defaultcf.prop-size-index-distance	4194304
raftdb.defaultcf.read-amp-bytes-per-bit	0
raftdb.defaultcf.soft-pending-compaction-bytes-limit	64GiB
raftdb.defaultcf.target-file-size-base	8MiB
raftdb.defaultcf.titan.blob-cache-size	0KiB

KEY	VALUE
raftdb.defaultcf.titan.blob-file-compression	lz4
raftdb.defaultcf.titan.blob-run-mode	normal
raftdb.defaultcf.titan.discardable-ratio	0.5
raftdb.defaultcf.titan.gc-merge-rewrite	false
raftdb.defaultcf.titan.level-merge	false
raftdb.defaultcf.titan.max-gc-batch-size	64MiB
raftdb.defaultcf.titan.max-sorted-runs	20
raftdb.defaultcf.titan.merge-small-file-threshold	8MiB
raftdb.defaultcf.titan.min-blob-size	1KiB
raftdb.defaultcf.titan.min-gc-batch-size	16MiB
raftdb.defaultcf.titan.range-merge	true
raftdb.defaultcf.titan.sample-ratio	0.1
raftdb.defaultcf.use-bloom-filter	false
raftdb.defaultcf.whole-key-filtering	true
raftdb.defaultcf.write-buffer-size	128MiB
raftdb.enable-pipelined-write	true
raftdb.enable-statistics	true
raftdb.enable-unordered-write	false
raftdb.info-log-dir	
raftdb.info-log-keep-log-file-num	10
raftdb.info-log-max-size	1GiB
raftdb.info-log-roll-time	0s
raftdb.max-background-jobs	3
raftdb.max-manifest-file-size	20MiB
raftdb.max-open-files	40960
raftdb.max-sub-compactions	2
raftdb.max-total-wal-size	4GiB
raftdb.stats-dump-period	10m
raftdb.titan.dirname	
raftdb.titan.disable-gc	false
raftdb.titan.enabled	false
raftdb.titan.max-background-gc	4
raftdb.titan.purge-obsolete-files-period	10s
raftdb.use-direct-io-for-flush-and-compaction	false
raftdb.wal-bytes-per-sync	512KiB
raftdb.wal-dir	
raftdb.wal-recovery-mode	2
raftdb.wal-size-limit	0KiB
raftdb.wal-ttl-seconds	0
raftdb.writable-file-max-buffer-size	1MiB
raftstore.abnormal-leader-missing-duration	10m
raftstore.allow-remove-leader	false
raftstore.apply-max-batch-size	256

KEY	VALUE
raftstore.apply-pool-size	2
raftstore.apply-reschedule-duration	5s
raftstore.capacity	0KiB
raftstore.cleanup-import-sst-interval	10m
raftstore.consistency-check-interval	0s
raftstore.future-poll-size	1
raftstore.local-read-batch-size	1024
raftstore.lock-cf-compact-bytes-threshold	256MiB
raftstore.lock-cf-compact-interval	10m
raftstore.max-leader-missing-duration	2h
raftstore.max-peer-down-duration	5m
raftstore.merge-check-tick-interval	10s
raftstore.messages-per-tick	4096
raftstore.notify-capacity	40960
raftstore.pd-heartbeat-tick-interval	1m
raftstore.pd-store-heartbeat-tick-interval	10s
raftstore.peer-stale-state-check-interval	5m
raftstore.perf-level	1
raftstore.prevote	true
raftstore.raft-entry-cache-life-time	30s
raftstore.raft-entry-max-size	8MiB
raftstore.raft-log-gc-count-limit	73728
raftstore.raft-log-gc-size-limit	72MiB
raftstore.raft-log-gc-threshold	50
raftstore.raft-log-gc-tick-interval	10s
raftstore.raft-reject-transfer-leader-duration	3s
raftstore.raft-store-max-leader-lease	9s
raftstore.raftdb-path	/home/tidb/deploy/tikv-20160/data/raft
raftstore.region-compact-check-interval	5m
raftstore.region-compact-check-step	100
raftstore.region-compact-min-tombstones	10000
raftstore.region-compact-tombstones-percent	30
raftstore.region-split-check-diff	6MiB
raftstore.snap-apply-batch-size	10MiB
raftstore.snap-gc-timeout	4h
raftstore.snap-mgr-gc-tick-interval	1m
raftstore.split-region-check-tick-interval	10s
raftstore.store-max-batch-size	256
raftstore.store-pool-size	2
raftstore.store-reschedule-duration	5s
raftstore.sync-log	true
readpool.coprocessor.high-concurrency	3
readpool.coprocessor.low-concurrency	3

KEY	VALUE
readpool.coprocessor.max-tasks-per-worker-high	2000
readpool.coprocessor.max-tasks-per-worker-low	2000
readpool.coprocessor.max-tasks-per-worker-normal	2000
readpool.coprocessor.normal-concurrency	3
readpool.coprocessor.stack-size	10MiB
readpool.coprocessor.use-unified-pool	true
readpool.storage.high-concurrency	4
readpool.storage.low-concurrency	4
readpool.storage.max-tasks-per-worker-high	2000
readpool.storage.max-tasks-per-worker-low	2000
readpool.storage.max-tasks-per-worker-normal	2000
readpool.storage.normal-concurrency	4
readpool.storage.stack-size	10MiB
readpool.storage.use-unified-pool	false
readpool.unified.max-tasks-per-worker	2000
readpool.unified.max-thread-count	4
readpool.unified.min-thread-count	1
readpool.unified.stack-size	10MiB
rocksdb.auto-tuned	false
rocksdb.bytes-per-sync	1MiB
rocksdb.compaction-readonly-size	0KiB
rocksdb.create-if-missing	true
rocksdb.defaultcf.block-based-bloom-filter	false
rocksdb.defaultcf.block-cache-size	4003MiB
rocksdb.defaultcf.block-size	64KiB
rocksdb.defaultcf.bloom-filter-bits-per-key	10
rocksdb.defaultcf.cache-index-and-filter-blocks	true
rocksdb.defaultcf.compaction-pri	3
rocksdb.defaultcf.compaction-style	0
rocksdb.defaultcf.compression-per-level	["no","no","lz4","lz4","lz4","zstd","zstd"]
rocksdb.defaultcf.disable-auto-compactions	false
rocksdb.defaultcf.disable-block-cache	false
rocksdb.defaultcf.dynamic-level-bytes	true
rocksdb.defaultcf.enable-doubly-skiplist	true
rocksdb.defaultcf.force-consistency-checks	true
rocksdb.defaultcf.hard-pending-compaction-bytes-limit	256GiB
rocksdb.defaultcf.level0-file-num-compaction-trigger	4
rocksdb.defaultcf.level0-slowdown-writes-trigger	20
rocksdb.defaultcf.level0-stop-writes-trigger	36
rocksdb.defaultcf.max-bytes-for-level-base	512MiB
rocksdb.defaultcf.max-bytes-for-level-multiplier	10
rocksdb.defaultcf.max-compaction-bytes	2GiB
rocksdb.defaultcf.max-write-buffer-number	5

KEY	VALUE
rocksdb.defaultcf.min-write-buffer-number-to-merge	1
rocksdb.defaultcf.num-levels	7
rocksdb.defaultcf.optimize-filters-for-hits	true
rocksdb.defaultcf.pin-l0-filter-and-index-blocks	true
rocksdb.defaultcf.prop-keys-index-distance	40960
rocksdb.defaultcf.prop-size-index-distance	4194304
rocksdb.defaultcf.read-amp-bytes-per-bit	0
rocksdb.defaultcf.soft-pending-compaction-bytes-limit	64GiB
rocksdb.defaultcf.target-file-size-base	8MiB
rocksdb.defaultcf.titan.blob-cache-size	0KiB
rocksdb.defaultcf.titan.blob-file-compression	lz4
rocksdb.defaultcf.titan.blob-run-mode	normal
rocksdb.defaultcf.titan.discardable-ratio	0.5
rocksdb.defaultcf.titan.gc-merge-rewrite	false
rocksdb.defaultcf.titan.level-merge	false
rocksdb.defaultcf.titan.max-gc-batch-size	64MiB
rocksdb.defaultcf.titan.max-sorted-runs	20
rocksdb.defaultcf.titan.merge-small-file-threshold	8MiB
rocksdb.defaultcf.titan.min-blob-size	1KiB
rocksdb.defaultcf.titan.min-gc-batch-size	16MiB
rocksdb.defaultcf.titan.range-merge	true
rocksdb.defaultcf.titan.sample-ratio	0.1
rocksdb.defaultcf.use-bloom-filter	true
rocksdb.defaultcf.whole-key-filtering	true
rocksdb.defaultcf.write-buffer-size	128MiB
rocksdb.enable-multi-batch-write	true
rocksdb.enable-pipelined-write	true
rocksdb.enable-statistics	true
rocksdb.enable-unordered-write	false
rocksdb.info-log-dir	
rocksdb.info-log-keep-log-file-num	10
rocksdb.info-log-max-size	1GiB
rocksdb.info-log-roll-time	0s
rocksdb.lockcf.block-based-bloom-filter	false
rocksdb.lockcf.block-cache-size	320MiB
rocksdb.lockcf.block-size	16KiB
rocksdb.lockcf.bloom-filter-bits-per-key	10
rocksdb.lockcf.cache-index-and-filter-blocks	true
rocksdb.lockcf.compaction-pri	0
rocksdb.lockcf.compaction-style	0
rocksdb.lockcf.compression-per-level	["no","no","no","no","no","no","no"]
rocksdb.lockcf.disable-auto-compactions	false
rocksdb.lockcf.disable-block-cache	false

KEY	VALUE
rocksdb.lockcf.dynamic-level-bytes	true
rocksdb.lockcf.enable-doubly-skiplist	true
rocksdb.lockcf.force-consistency-checks	true
rocksdb.lockcf.hard-pending-compaction-bytes-limit	256GiB
rocksdb.lockcf.level0-file-num-compaction-trigger	1
rocksdb.lockcf.level0-slowdown-writes-trigger	20
rocksdb.lockcf.level0-stop-writes-trigger	36
rocksdb.lockcf.max-bytes-for-level-base	128MiB
rocksdb.lockcf.max-bytes-for-level-multiplier	10
rocksdb.lockcf.max-compaction-bytes	2GiB
rocksdb.lockcf.max-write-buffer-number	5
rocksdb.lockcf.min-write-buffer-number-to-merge	1
rocksdb.lockcf.num-levels	7
rocksdb.lockcf.optimize-filters-for-hits	false
rocksdb.lockcf.pin-l0-filter-and-index-blocks	true
rocksdb.lockcf.prop-keys-index-distance	40960
rocksdb.lockcf.prop-size-index-distance	4194304
rocksdb.lockcf.read-amp-bytes-per-bit	0
rocksdb.lockcf.soft-pending-compaction-bytes-limit	64GiB
rocksdb.lockcf.target-file-size-base	8MiB
rocksdb.lockcf.titan.blob-cache-size	0KiB
rocksdb.lockcf.titan.blob-file-compression	lz4
rocksdb.lockcf.titan.blob-run-mode	read-only
rocksdb.lockcf.titan.discardable-ratio	0.5
rocksdb.lockcf.titan.gc-merge-rewrite	false
rocksdb.lockcf.titan.level-merge	false
rocksdb.lockcf.titan.max-gc-batch-size	64MiB
rocksdb.lockcf.titan.max-sorted-runs	20
rocksdb.lockcf.titan.merge-small-file-threshold	8MiB
rocksdb.lockcf.titan.min-blob-size	1KiB
rocksdb.lockcf.titan.min-gc-batch-size	16MiB
rocksdb.lockcf.titan.range-merge	true
rocksdb.lockcf.titan.sample-ratio	0.1
rocksdb.lockcf.use-bloom-filter	true
rocksdb.lockcf.whole-key-filtering	true
rocksdb.lockcf.write-buffer-size	32MiB
rocksdb.max-background-jobs	3
rocksdb.max-manifest-file-size	128MiB
rocksdb.max-open-files	40960
rocksdb.max-sub-compactions	2
rocksdb.max-total-wal-size	4GiB
rocksdb.raftcf.block-based-bloom-filter	false
rocksdb.raftcf.block-cache-size	128MiB

KEY	VALUE
rocksdb.raftcf.block-size	16KiB
rocksdb.raftcf.bloom-filter-bits-per-key	10
rocksdb.raftcf.cache-index-and-filter-blocks	true
rocksdb.raftcf.compaction-pri	0
rocksdb.raftcf.compaction-style	0
rocksdb.raftcf.compression-per-level	["no","no","no","no","no","no","no"]
rocksdb.raftcf.disable-auto-compactions	false
rocksdb.raftcf.disable-block-cache	false
rocksdb.raftcf.dynamic-level-bytes	true
rocksdb.raftcf.enable-doubly-skiplist	true
rocksdb.raftcf.force-consistency-checks	true
rocksdb.raftcf.hard-pending-compaction-bytes-limit	256GiB
rocksdb.raftcf.level0-file-num-compaction-trigger	1
rocksdb.raftcf.level0-slowdown-writes-trigger	20
rocksdb.raftcf.level0-stop-writes-trigger	36
rocksdb.raftcf.max-bytes-for-level-base	128MiB
rocksdb.raftcf.max-bytes-for-level-multiplier	10
rocksdb.raftcf.max-compaction-bytes	2GiB
rocksdb.raftcf.max-write-buffer-number	5
rocksdb.raftcf.min-write-buffer-number-to-merge	1
rocksdb.raftcf.num-levels	7
rocksdb.raftcf.optimize-filters-for-hits	true
rocksdb.raftcf.pin-l0-filter-and-index-blocks	true
rocksdb.raftcf.prop-keys-index-distance	40960
rocksdb.raftcf.prop-size-index-distance	4194304
rocksdb.raftcf.read-amp-bytes-per-bit	0
rocksdb.raftcf.soft-pending-compaction-bytes-limit	64GiB
rocksdb.raftcf.target-file-size-base	8MiB
rocksdb.raftcf.titan.blob-cache-size	0KiB
rocksdb.raftcf.titan.blob-file-compression	lz4
rocksdb.raftcf.titan.blob-run-mode	read-only
rocksdb.raftcf.titan.discardable-ratio	0.5
rocksdb.raftcf.titan.gc-merge-rewrite	false
rocksdb.raftcf.titan.level-merge	false
rocksdb.raftcf.titan.max-gc-batch-size	64MiB
rocksdb.raftcf.titan.max-sorted-runs	20
rocksdb.raftcf.titan.merge-small-file-threshold	8MiB
rocksdb.raftcf.titan.min-blob-size	1KiB
rocksdb.raftcf.titan.min-gc-batch-size	16MiB
rocksdb.raftcf.titan.range-merge	true
rocksdb.raftcf.titan.sample-ratio	0.1
rocksdb.raftcf.use-bloom-filter	true
rocksdb.raftcf.whole-key-filtering	true

KEY	VALUE
rocksdb.raftcf.write-buffer-size	128MiB
rocksdb.rate-bytes-per-sec	0KiB
rocksdb.rate-limiter-mode	2
rocksdb.stats-dump-period	10m
rocksdb.titan.dirname	
rocksdb.titan.disable-gc	false
rocksdb.titan.enabled	false
rocksdb.titan.max-background-gc	4
rocksdb.titan.purge-obsolete-files-period	10s
rocksdb.use-direct-io-for-flush-and-compaction	false
rocksdb.wal-bytes-per-sync	512KiB
rocksdb.wal-dir	
rocksdb.wal-recovery-mode	2
rocksdb.wal-size-limit	0KiB
rocksdb.wal-ttl-seconds	0
rocksdb.writable-file-max-buffer-size	1MiB
rocksdb.writecf.block-based-bloom-filter	false
rocksdb.writecf.block-cache-size	2402MiB
rocksdb.writecf.block-size	64KiB
rocksdb.writecf.bloom-filter-bits-per-key	10
rocksdb.writecf.cache-index-and-filter-blocks	true
rocksdb.writecf.compaction-pri	3
rocksdb.writecf.compaction-style	0
rocksdb.writecf.compression-per-level	["no","no","lz4","lz4","lz4","zstd","zstd"]
rocksdb.writecf.disable-auto-compactions	false
rocksdb.writecf.disable-block-cache	false
rocksdb.writecf.dynamic-level-bytes	true
rocksdb.writecf.enable-doubly-skiplist	true
rocksdb.writecf.force-consistency-checks	true
rocksdb.writecf.hard-pending-compaction-bytes-limit	256GiB
rocksdb.writecf.level0-file-num-compaction-trigger	4
rocksdb.writecf.level0-slowdown-writes-trigger	20
rocksdb.writecf.level0-stop-writes-trigger	36
rocksdb.writecf.max-bytes-for-level-base	512MiB
rocksdb.writecf.max-bytes-for-level-multiplier	10
rocksdb.writecf.max-compaction-bytes	2GiB
rocksdb.writecf.max-write-buffer-number	5
rocksdb.writecf.min-write-buffer-number-to-merge	1
rocksdb.writecf.num-levels	7
rocksdb.writecf.optimize-filters-for-hits	false
rocksdb.writecf.pin-l0-filter-and-index-blocks	true
rocksdb.writecf.prop-keys-index-distance	40960
rocksdb.writecf.prop-size-index-distance	4194304

KEY	VALUE
rocksdb.writecf.read-amp-bytes-per-bit	0
rocksdb.writecf.soft-pending-compaction-bytes-limit	64GiB
rocksdb.writecf.target-file-size-base	8MiB
rocksdb.writecf.titan.blob-cache-size	0KiB
rocksdb.writecf.titan.blob-file-compression	lz4
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rocksdb.writecf.titan.min-gc-batch-size	16MiB
rocksdb.writecf.titan.range-merge	true
rocksdb.writecf.titan.sample-ratio	0.1
rocksdb.writecf.use-bloom-filter	true
rocksdb.writecf.whole-key-filtering	false
rocksdb.writecf.write-buffer-size	128MiB
security.ca-path	
security.cert-allowed-cn	[]
security.cert-path	
security.encryption.data-encryption-method	plaintext
security.encryption.data-key-rotation-period	7d
security.encryption.master-key.type	plaintext
security.encryption.previous-master-key.type	plaintext
security.key-path	
server.addr	0.0.0.0:20160
server.advertise-addr	10.0.0.5:20160
server.advertise-addr	10.0.0.6:20160
server.advertise-addr	10.0.0.7:20160
server.advertise-status-addr	10.0.0.6:20180
server.advertise-status-addr	10.0.0.5:20180
server.advertise-status-addr	10.0.0.7:20180
server.concurrent-recv-snap-limit	32
server.concurrent-send-snap-limit	32
server.enable-request-batch	true
server.end-point-batch-row-limit	64
server.end-point-enable-batch-if-possible	true
server.end-point-max-concurrency	4
server.end-point-recursion-limit	1000
server.end-point-request-max-handle-duration	1m
server.end-point-stream-batch-row-limit	128

KEY	VALUE
server.end-point-stream-channel-size	8
server.grpc-compression-type	none
server.grpc-concurrency	4
server.grpc-concurrent-stream	1024
server.grpc-keepalive-time	10s
server.grpc-keepalive-timeout	3s
server.grpc-memory-pool-quota	9223372036854776000
server.grpc-raft-conn-num	1
server.grpc-stream-initial-window-size	2MiB
server.heavy-load-threshold	300
server.heavy-load-wait-duration	1ms
server.max-grpc-send-msg-len	10485760
server.request-batch-enable-cross-command	false
server.request-batch-wait-duration	1ms
server.snap-max-total-size	0KiB
server.snap-max-write-bytes-per-sec	100MiB
server.stats-concurrency	1
server.status-addr	10.0.0.5:20180
server.status-addr	10.0.0.7:20180
server.status-addr	10.0.0.6:20180
server.status-thread-pool-size	1
slow-log-file	
slow-log-threshold	1s
split.detect-times	10
split.qps-threshold	3000
split.sample-num	20
split.sample-threshold	100
split.split-balance-score	0.25
split.split-contained-score	0.5
storage.block-cache.capacity	7045MiB
storage.block-cache.high-pri-pool-ratio	0.8
storage.block-cache.memory-allocator	nodump
storage.block-cache.num-shard-bits	6
storage.block-cache.shared	true
storage.block-cache.strict-capacity-limit	false
storage.data-dir	/home/tidb/deploy/tikv-20160/data
storage.gc-ratio-threshold	1.1
storage.max-key-size	4096
storage.reserve-space	2GiB
storage.scheduler-concurrency	524288
storage.scheduler-pending-write-threshold	100MiB
storage.scheduler-worker-pool-size	4

错误

生成报告的报错

CATEGORY	TABLE	ERROR
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