集群基本信息 集群名称:obcluster 创建时间:2022-12-06 15:14:57 起始快照点:2023-01-05 08:00:00 结束快照点:2023-01-05 09:00:00 结束 集群版本 3.1.4-OceanBase CE 3.1.4-OceanBase CE 集群类型 PRIMARY PRIMARY 主机数 租户数 最近一次合并开始时间 2023/01/05 02:00:21 2023/01/05 02:00:21 最近-次合并结束时间 2023/01/05 02:03:36 2023/01/05 02:03:36 节点基本信息 是否包含RS 开始提供服务时间 上次下线时间 主机 IP 章 所属zone 开始 结束 结束 结束 结束 LEADER 2023/01/03 10:48:45 2023/01/03 10:48:45 -10.186.62.64 zone1 LEADER active active CPU总量(核) 内存总量(MB) 磁盘总量(GB) CPU分配(核) CPU分配 内存已分配(MB) 内存已分配 磁盘已使用(GB) 磁盘已使用 ♥ 所属zone 主机 IP 开始 开始 开始 开始 开始 结束 结束 结束 开始 开始 开始 结束 结束 结束 结束 结束 结束 10.186.62.64 16 3.5 3.5 21.00% 21.00% 4096 4096 1536 1536 37.00% 37.00% 120.00% 120.00% zone1 16 10 10 12 12 节点数据分区信息 数据分区数量 Leader分区数量 主机 IP 关联租户 所属zone 开始 结束 开始 结束 1211 1211 1211 1211 sys 122 122 122 122 test_tenant 10.186.62.64 zone1 合计 1333 1333 1333 1333 租户资源信息 服务器列表 资源单元配置 Zone优先级 Locality 租户ID 租户模式 租户名 开始 结束 开始 开始 开始 结束 结束 结束 10.186.62.64 2.5C1G~5.0C1G * 1 2.5C1G~5.0C1G * 1 10.186.62.64 Mysql FULL{1}@zone1 FULL{1}@zone1 zone1 zone1 sys 1001 1.0C0G~1.0C0G * 1 1.0C0G~1.0C0G * 1 10.186.62.64 Mysql FULL{1}@zone1 FULL{1}@zone1 10.186.62.64 test_tenant zone1 zone1 租户数据容量信息 数据容量(GB) 租户ID 关联租户 关联主机 开始 结束 10.186.62.64 1001 10.186.62.64 0.03 0.03 test_tenant 工作负载统计信息 累计值 开始值 结束值 最大值 最大值出现时间 最小值 最小值出现时间 平均值 359 0.09 2023-01-05 08:00:15 2023-01-05 08:00:00 trans rollback count 141053 446 1464 39.18 53 2023-01-05 08:49:54 40 2023-01-05 08:29:25 trans start count 941590 6790070 2023-01-05 08:45:24 223909 287180.29 1033849056 1142604 2023-01-05 08:42:45 trans total used time 78653 205 966 2023-01-05 08:49:55 2023-01-05 08:00:00 21.84 memstore write lock succ count 2023-01-05 08:49:55 2023-01-05 08:00:00 0.13 487 10 sql delete count 2023-01-05 08:00:00 sql remote count 22637 2023-01-05 08:10:46 2023-01-05 08:00:00 6.28 88 sql select count 16982 3644 3644 2023-01-05 08:06:25 2023-01-05 08:00:00 4.71 trans rollback time 1425.67 5132434 6812 62417 2023-01-05 08:11:04 2023-01-05 08:00:00 rpc net delay 26395 2783.29 10019871 81066 2023-01-05 08:57:24 2023-01-05 08:00:00 rpc packet out bytes 9227503 24886 58745 2563.19 2023-01-05 08:34:04 2023-01-05 08:00:00 rpc packet in bytes 536 43.54 156770 1576 2023-01-05 08:49:55 2023-01-05 08:00:00 sql local count 2023-01-05 08:00:00 sql replace count 2472112808 11321122 2023-01-05 08:00:00 memstore write lock fail count 9.79 35262 71 540 0 2023-01-05 08:21:54 2023-01-05 08:00:00 rpc net frame delay 3.27 11783 47 32 2023-01-05 08:34:04 2023-01-05 08:00:00 rpc packet in 740 0.2 sql distributed count 2023-01-05 08:04:05 2023-01-05 08:00:00 0.13 488 45 45 2023-01-05 08:00:15 2023-01-05 08:00:00 sql insert count 5.73 20629 100 44 2023-01-05 08:19:55 2023-01-05 08:00:00 sql update count DB CPU 6425915 11317762 685592.07 2468131461 2023-01-05 08:29:25 2023-01-05 08:00:00 387 3338 53.39 192224 2023-01-05 08:15:55 2023-01-05 08:00:00 memstore wait write lock time 累计值 开始值 平均值 最大值 最大值出现时间 最小值 最小值出现时间 指标 结束值 156770 536 1512 1576 2023-01-05 08:49:55 328 2023-01-05 08:59:05 43.54 sql local count 359 0.09 2023-01-05 08:00:15 2023-01-05 08:00:00 trans rollback count DB CPU 2468131461 6425915 7056839 11317762 2023-01-05 08:29:25 4469975 2023-01-05 08:54:15 685592.07 5132434 6812 18083 62417 4335 1425.67 2023-01-05 08:11:04 2023-01-05 08:34:14 rpc net delay 35262 540 9.79 71 351 2023-01-05 08:21:54 61 2023-01-05 08:15:54 rpc net frame delay 2023-01-05 08:00:00 sql replace count 20629 44 100 2023-01-05 08:19:55 2023-01-05 08:00:00 44 sql update count 686698 DB time 6425915 4469975 2472112808 7057689 11321122 2023-01-05 08:29:25 2023-01-05 08:54:15 0.13 487 sql delete count 10 2023-01-05 08:49:55 2023-01-05 08:00:00 2023-01-05 08:00:00 sql remote count 45 2023-01-05 08:00:15 488 45 2023-01-05 08:00:35 0.13 sql insert count 22637 6.28 61 62 88 2023-01-05 08:10:46 47 2023-01-05 08:55:04 sql select count 2023-01-05 08:00:00 memstore write lock fail count 78653 205 263 966 182 21.84 2023-01-05 08:49:55 2023-01-05 08:59:05 memstore write lock succ count 36769 2783.29 10019871 26395 81066 16548 2023-01-05 08:57:24 2023-01-05 08:00:24 rpc packet out bytes 740 0.2 2023-01-05 08:04:05 2023-01-05 08:00:25 sql distributed count 16982 4.71 3644 3644 2023-01-05 08:06:25 2023-01-05 08:55:15 trans rollback time 123299 1464 248 34.24 446 1414 2023-01-05 08:49:54 2023-01-05 08:59:04 trans start count 189396.96 6790070 681829071 1142604 1989186 2023-01-05 08:45:24 584320 2023-01-05 08:25:34 trans total used time 3338 53.39 192224 618 364 2023-01-05 08:01:35 387 2023-01-05 08:15:55 memstore wait write lock time 11783 3.27 39 47 2023-01-05 08:34:04 27 2023-01-05 08:30:14 32 rpc packet in 58745 2563.19 9227503 24886 35528 16149 2023-01-05 08:34:04 2023-01-05 08:37:04 rpc packet in bytes test_tenant 平均值 累计值 开始值 最大值 最小值 结束值 最大值出现时间 最小值出现时间 2023-01-05 08:00:00 trans rollback count 2023-01-05 08:00:00 memstore wait write lock time 2023-01-05 08:00:00 memstore write lock succ count 2023-01-05 08:00:00 rpc net delay 2023-01-05 08:00:00 sql insert count 2023-01-05 08:00:00 sql remote count sql select count 2023-01-05 08:00:00 2023-01-05 08:00:00 rpc net frame delay 2023-01-05 08:00:00 rpc packet in 2023-01-05 08:00:00 sql delete count 2023-01-05 08:00:00 sql distributed count DB CPU 2023-01-05 08:00:00 2023-01-05 08:00:00 memstore write lock fail count 2023-01-05 08:00:00 rpc packet in bytes 2023-01-05 08:00:00 rpc packet out bytes 17754 4.93 53 56 2023-01-05 08:46:35 40 2023-01-05 08:29:25 trans start count DB time 2023-01-05 08:00:00 2023-01-05 08:00:00 sql local count 2023-01-05 08:00:00 sql replace count 2023-01-05 08:00:00 sql update count 2023-01-05 08:00:00 trans rollback time 352019985 679033 941590 3295163 2023-01-05 08:50:25 223909 97783.32 2023-01-05 08:42:45 trans total used time 所属租户 事件名称 租户ID 事件所属分类 累计等待次数 累计等待超时次数 累计等待时长(ms) CONCURRENCY 1002427 100799601 1002486 dag worker condition wait sys CONCURRENCY 431704 429249 86383724 partition table updater condition wait sys 89660 89660 CONCURRENCY 57465225 thread idling condition wait sys 448383 CONCURRENCY 448892 46799570 default condition wait sys CONCURRENCY 3748951 3748622 39567249 dedup queue condition wait sys CONCURRENCY 16274 13814 14401079 io callback queue lock wait sys CONCURRENCY 7183 7183 14297044 reentrant thread condition wait sys 107398 107398 build index scheduler condition wait CONCURRENCY 10799145 sys 37704 CONCURRENCY 10796252 default sleep sys 680291 7192310 CONCURRENCY 682545 latch: io queue lock wait sys SQL 统计信息 完整的 >QL 文本列表 SQL ID SQL文本 select /* + MONITOR_AGENT REA BE1E416B223FF12DA2A691B8868FB460 select tenant_id, count(*) as cnt f D0A4F18E0349F173B94F895D1FB95B5F SET autocommit=1 B055524F8B04250850067769072AA7DC select /* + MONITOR_AGENT REA 9E993C36318B50A207E0DAF5AD539241 select sum(used),sum(hold) from FBCE8CE8B55A3DC2625A0CAA30E971C1 select /*+ MONITOR_AGENT RE/ select /* + MONITOR_AGENT REA A835D7873429FF9DE5FFC2C9873DF873 E01DF07DCECAC0BB4BA7EF7AAF2C391C select /* + MONITOR_AGENT REA 8251528FF8FF34861B5A5B832FF71C6A select /* + MONITOR_AGENT REA F6E6BC66FDCA674043CC1662737931DE select /*+ MONITOR_AGENT REA 按照 CPU 时间排序的 LQL 收集集群范围内 CPU 时间 Top10 的 SQL 最后运行时间 序号 执行次数 平均CPU时间(ms) CPU 时间占比(%) 最长 CPU 时间(ms) CPU时间(s) 总响应时间(s) 首次运行时间 超时次数 所属租户 SQLID SQL文本 1 1376 0 0.13 2023/01/05 08:00:12 2023/01/05 08:59:42 0 3.99 select /* + MONITOR_AGENT READ_CONSISTENCY(WEAK) */ tenant_id, cache_name, cache_size from __all_virtual_kvcache_info where svr_ip = ? and svr_port = ? 2023/01/05 08:00:12 2023/01/05 08:59:42 0 sys BE1E416B223FF12DA2A691B8868FB460 select tenant_id, count(*) as cnt from gv\$table group by tenant_id 0.02 54.57 2.23 3 106 0.08 2.19 B055524F8B04250850067769072AA7DC select /* + MONITOR_AGENT READ_CONSISTENCY(WEAK) */ con_id tenant_id, stat_id, value from v\$sysstat where stat_id IN (10000,10001,10002,10003,10005,10006,2000 2023/01/05 08:00:42 2023/01/05 08:59:42 0 sys 0.07 40.74 0.01 1.78 2023/01/05 08:00:42 2023/01/05 08:59:42 0 1.83 9E993C36318B50A207E0DAF5AD539241 select sum(used),sum(hold) from __all_virtual_memory_info where tenant_id = 500 and svr_ip = host_ip() and svr_port = rpc_port(); 0.01 0.04 40.36 1.25 5 104 2023/01/05 08:00:12 2023/01/05 08:59:42 0 A835D7873429FF9DE5FFC2C9873DF873 select /* + MONITOR_AGENT READ_CONSISTENCY(WEAK) QUERY_TIMEOUT(100000000) */ tenant_name, case when cnt is null then 0 else cnt end as cnt from (select __al 1.3 0.01 0.04 26.46 1.24 2023/01/05 08:00:12 2023/01/05 08:59:42 0 6 112 1.3 FBCE8CE8B55A3DC2625A0CAA30E971C1 select /* + MONITOR_AGENT READ_CONSISTENCY(WEAK) */ con_id tenant_id, case when event_id = 10000 then 'INTERNAL' when event_id = 13000 then 'SYNC_RPC' wh sys 48.75 1.26 E01DF07DCECAC0BB4BA7EF7AAF2C391C select /* + MONITOR_AGENT READ_CONSISTENCY(WEAK) */ con_id tenant_id, sum(total_waits) as total_waits from v\$system_event where v\$system_event.wait_class <> ' 0.01 0.04 1.22 117 2023/01/05 08:00:12 2023/01/05 08:59:42 0 sys 3778 0.04 14.41 2.51 1.2 2023/01/05 08:00:12 2023/01/05 08:59:42 0 9 110 0.01 0.04 31.03 1.14 1.18 8251528FF8FF34861B5A5B832FF71C6A 2023/01/05 08:00:12 2023/01/05 08:59:42 0 select /* + MONITOR_AGENT READ_CONSISTENCY(WEAK) */ con_id tenant_id, case when event_id = 10000 then 'INTERNAL' when event_id = 13000 then 'SYNC_RPC' wh sys 0.02 0.04 49.73 1.12 1.14 2023/01/05 08:00:42 2023/01/05 08:58:42 0 select /* + MONITOR_AGENT READ_CONSISTENCY(WEAK) */ stat.table_id >> 40 tenant_id, stat.replica_type, max(stat.next_replay_ts_delta) / 1000000 as max_clog_sync_d 10 41 收集sys租户范围内 CPU 时间 Top10 的 SQL 最后运行时间 超时次数 SQLID 序号 执行次数 平均CPU时间(ms) CPU 时间占比(%) 最长 CPU 时间(ms) CPU时间(s) 总响应时间(s) 首次运行时间 SQL文本 36.66 1 1376 0.13 3.44 3.99 2023/01/05 08:00:12 2023/01/05 08:59:42 0 select /* + MONITOR_AGENT READ_CONSISTENCY(WEAK) */ tenant_id, cache_name, cache_size from __all_virtual_kvcache_info where svr_ip = ? and svr_port = ? 0.02 0.09 65.53 2.55 2.51 BE1E416B223FF12DA2A691B8868FB460 2023/01/05 08:00:12 2023/01/05 08:59:42 0 select tenant_id, count(*) as cnt from gv\$table group by tenant_id 0.02 2.23 3 106 0.08 54.57 2.19 2023/01/05 08:00:42 2023/01/05 08:59:42 0 select /* + MONITOR_AGENT READ_CONSISTENCY(WEAK) */ con_id tenant_id, stat_id, value from v\$sysstat where stat_id IN (10000,10001,10002,10003,10005,10006,20001,20002,300 0.01 0.07 40.74 1.83 1.78 2023/01/05 08:00:42 2023/01/05 08:59:42 0 select sum(used),sum(hold) from __all_virtual_memory_info where tenant_id = 500 and svr_ip = host_ip() and svr_port = rpc_port(); 5 104 0.01 0.04 40.36 1.25 1.3 2023/01/05 08:00:12 2023/01/05 08:59:42 0 A835D7873429FF9DE5FFC2C9873DF873 select /* + MONITOR_AGENT READ_CONSISTENCY(WEAK) QUERY_TIMEOUT(100000000) */ tenant_name, case when cnt is null then 0 else cnt end as cnt from (select __all_tenant.ten 0.04 26.46 0.01 1.24 2023/01/05 08:00:12 2023/01/05 08:59:42 0 FBCE8CE8B55A3DC2625A0CAA30E971C1 select /* + MONITOR_AGENT READ_CONSISTENCY(WEAK) */ con_id tenant_id, case when event_id = 10000 then 'INTERNAL' when event_id = 13000 then 'SYNC_RPC' when event_id 1.3 0.01 0.04 48.75 1.26 2023/01/05 08:00:12 2023/01/05 08:59:42 0 E01DF07DCECAC0BB4BA7EF7AAF2C391C select /* + MONITOR_AGENT READ_CONSISTENCY(WEAK) */ con_id tenant_id, sum(total_waits) as total_waits from v\$system_event where v\$system_event.wait_class <> 'IDLE' and (o 1.22 8 3778 0.04 14.41 2.51 2023/01/05 08:00:12 2023/01/05 08:59:42 0 1.2 D0A4F18E0349F173B94F895D1FB95B5F SET autocommit=1 9 110 0.01 0.04 31.03 1.14 1.18 2023/01/05 08:00:12 2023/01/05 08:59:42 0 8251528FF8FF34861B5A5B832FF71C6A select /* + MONITOR_AGENT READ_CONSISTENCY(WEAK) */ con_id tenant_id, case when event_id = 10000 then 'INTERNAL' when event_id = 13000 then 'SYNC_RPC' when event_id 0.02 0.04 49.73 F6E6BC66FDCA674043CC1662737931DE select /* + MONITOR_AGENT READ_CONSISTENCY(WEAK) */ stat.table_id >> 40 tenant_id, stat.replica_type, max(stat.next_replay_ts_delta) / 1000000 as max_clog_sync_delay_second 1.12 1.14 2023/01/05 08:00:42 2023/01/05 08:58:42 0 按照总响应时间排序的、QL 收集集群范围内总响应时间 Top10 的 SQL 序号 总响应时间(s) 执行次数 平均响应时间(ms) 响应时间占比(%) 最长响应时间(ms) 首次运行时间 最后运行时间 超时次数 所属租户 SQLID SQL文本 1 3.99 1376 0.13 37.03 2023/01/05 08:00:12 2023/01/05 08:59:42 0 select /* + MONITOR_AGENT READ_CONSISTENCY(WEAK) */ tenant_id, cache_name, cache_size from __all_virtual_kvcache_info where svr_ip = ? and svr_port = ? sys 0.08 2 2.55 0.02 65.64 2023/01/05 08:00:12 2023/01/05 08:59:42 0 BE1E416B223FF12DA2A691B8868FB460 select tenant_id, count(*) as cnt from gv\$table group by tenant_id 3 2.51 3778 0.08 14.62 2023/01/05 08:00:12 2023/01/05 08:59:42 0 0 0.07 4 2.23 106 0.02 54.97 2023/01/05 08:00:42 2023/01/05 08:59:42 0 B055524F8B04250850067769072AA7DC select /* + MONITOR_AGENT READ_CONSISTENCY(WEAK) */ con_id tenant_id, stat_id, value from v\$sysstat where stat_id IN (10000,10001,10002,10003,10005,10006,20001,20002,30000,

0.06

0.04

0.04

0.04

0.04

0.03

序号 总响应时间(s) 执行次数 平均响应时间(ms) 响应时间占比(%) 最长响应时间(ms) 首次运行时间

0.13

0.08

0.08

0.07

0.06

0.04

0.04

0.04

0.04

0.03

申请次数

79094

40.82

26.52

41.34

50.32

31.2

50.25

37.03

65.64

14.62

54.97

40.82

26.52

41.34

50.32

31.2

50.25

2023/01/05 08:00:42 2023/01/05 08:59:42 0

2023/01/05 08:00:12 2023/01/05 08:59:42 0

2023/01/05 08:00:12 2023/01/05 08:59:42 0

2023/01/05 08:00:12 2023/01/05 08:59:42 0

2023/01/05 08:00:12 2023/01/05 08:59:42 0

2023/01/05 08:00:42 2023/01/05 08:58:42 0

2023/01/05 08:00:12 2023/01/05 08:59:42 0

2023/01/05 08:00:12 2023/01/05 08:59:42 0

2023/01/05 08:00:12 2023/01/05 08:59:42 0

2023/01/05 08:00:42 2023/01/05 08:59:42 0

2023/01/05 08:00:42 2023/01/05 08:59:42 0

2023/01/05 08:00:12 2023/01/05 08:59:42 0

2023/01/05 08:00:12 2023/01/05 08:59:42 0

2023/01/05 08:00:12 2023/01/05 08:59:42 0

2023/01/05 08:00:12 2023/01/05 08:59:42 0

2023/01/05 08:00:42 2023/01/05 08:58:42 0

等待次数

最后运行时间

超时次数 SQLID

BE1E416B223FF12DA2A691B8868FB460

D0A4F18E0349F173B94F895D1FB95B5F

8251528FF8FF34861B5A5B832FF71C6A

SQL文本

SET autocommit=1

超时次数

select tenant_id, count(*) as cnt from gv\$table group by tenant_id

9E993C36318B50A207E0DAF5AD539241 select sum(used),sum(hold) from __all_virtual_memory_info where tenant_id = 500 and svr_ip = host_ip() and svr_port = rpc_port();

9E993C36318B50A207E0DAF5AD539241 select sum(used), sum(hold) from __all_virtual_memory_info where tenant_id = 500 and svr_ip = host_ip() and svr_port = rpc_port();

FBCE8CE8B55A3DC2625A0CAA30E971C1 select /* + MONITOR_AGENT READ_CONSISTENCY(WEAK) */ con_id tenant_id, case when event_id = 10000 then 'INTERNAL' when event_id = 13000 then 'SYNC_RPC' when event_id = 1

A835D7873429FF9DE5FFC2C9873DF873 select /* + MONITOR_AGENT READ_CONSISTENCY(WEAK) QUERY_TIMEOUT(100000000) */ tenant_name, case when cnt is null then 0 else cnt end as cnt from (select __all_tenant.tenant_

E01DF07DCECAC0BB4BA7EF7AAF2C391C select /* + MONITOR_AGENT READ_CONSISTENCY(WEAK) */ con_id tenant_id, sum(total_waits) as total_waits from v\$system_event where v\$system_event.wait_class <> 'IDLE' and (con_id)

F6E6BC66FDCA674043CC1662737931DE select /* + MONITOR_AGENT READ_CONSISTENCY(WEAK) */ stat.table_id >> 40 tenant_id, stat.replica_type, max(stat.next_replay_ts_delta) / 1000000 as max_clog_sync_delay_seconds fr

select /* + MONITOR_AGENT READ_CONSISTENCY(WEAK) */ tenant_id, cache_name, cache_size from __all_virtual_kvcache_info where svr_ip = ? and svr_port = ?

B055524F8B04250850067769072AA7DC select /* + MONITOR_AGENT READ_CONSISTENCY(WEAK) */ con_id tenant_id, stat_id, value from v\$sysstat where stat_id IN (10000,10001,10002,10003,10005,10006,20001,20002,30000,30001,3000)

FBCE8CE8B55A3DC2625A0CAA30E971C1 select /* + MONITOR_AGENT READ_CONSISTENCY(WEAK) */ con_id tenant_id, case when event_id = 10000 then 'INTERNAL' when event_id = 13000 then 'SYNC_RPC' when event_id = 14003 then 'I

A835D7873429FF9DE5FFC2C9873DF873 select /* + MONITOR_AGENT READ_CONSISTENCY(WEAK) QUERY_TIMEOUT(100000000) */ tenant_name, case when cnt is null then 0 else cnt end as cnt from (select __all_tenant.tenant_name, t1.cr

E01DF07DCECAC0BB4BA7EF7AAF2C391C select /* + MONITOR_AGENT READ_CONSISTENCY(WEAK) */ con_id tenant_id, sum(total_waits) as total_waits from v\$system_event.wait_class <> 'IDLE' and (con_id > 1000 or

F6E6BC66FDCA674043CC1662737931DE select /* + MONITOR_AGENT READ_CONSISTENCY(WEAK) */ stat.table_id >> 40 tenant_id, stat.replica_type, max(stat.next_replay_ts_delta) / 1000000 as max_clog_sync_delay_seconds from __all_virt

select /*+ MONITOR_AGENT READ_CONSISTENCY(WEAK) */ con_id tenant_id, case when event_id = 10000 then 'INTERNAL' when event_id = 13000 then 'SYNC_RPC' when event_id = 1

select /* + MONITOR_AGENT READ_CONSISTENCY(WEAK) */ con_id tenant_id, case when event_id = 10000 then 'INTERNAL' when event_id = 13000 then 'SYNC_RPC' when event_id = 14003 then 'I

等待时间(ms)

195300

5 1.83

6 1.3

7 1.3

8 1.26

9 1.18

1 3.99

2 2.55

3 2.51

4 2.23

5 1.83

6 1.3

7 1.3

8 1.26

9 1.18

10 1.14

行锁统计

租户ID

109

112

117

110

1376

103

3778

109

112

104

110

收集sys租户范围内总响应时间 Top10 的 SQL

0.01

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