Cedar 项目组测试文档		
文档名称	可配置拓展 2MB 事务测试案例	
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功能模块	可配置拓展 2MB 事务	
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日期	20170116	
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## 修订记录:

日期	修改描述
20161231	提交设计文档

## 硬件配置:

机器 IP	硬件配置
10.11.1.190-	CPU: Intel(R) Xeon(R) CPU E5-2620 * 2, 2 * 6 * 2 个线程, 主频
10.11.1.199	2000MHz- 2500MHz,L3 缓存 15MB;
	内存: 168GB、152GB、158 GB、168GB、80GB、144GB、128
	GB、112 GB、144 GB、128 GB;
	网络世帝 1000年 / 左小野型八担甲之宫护阿姆世帝上
	网络带宽: 1000Mb/s (有少数部分机器之间的网络带宽为 100Mb/s);
	100IVID/S );
	磁盘 IOPS: 76*4=304, 磁盘带宽 400MB/s, 内存带宽 6500MB/s
10.11.1.201-	CPU: Intel(R) Xeon(R) CPU E5605 * 2, 2 * 4 * 1 个线程, 主频
10.11.1.211	2.13GHZ, 缓存 8MB;
	内存: 104GB、96GB、96 GB、96GB、128GB、128GB、112GB、
	112 GB、96 GB、64 GB、96 GB;
	网络带宽: 1000Mb/s (有少数部分机器之间的网络带宽为
	M 给市见: 1000Mb/s (有少数部分机器之间的网络市见为  100Mb/s);
	1001410/37,
	磁盘 IOPS: 76*3=228, 磁盘带宽 200MB/s, 内存带宽 6500MB/s

## 功能测试案例

编号	1 配置 90 (ups、rs、lms)、92 (cs、ms)
测试目的	测试>2MB 但是<32MB for 操作
测试输入	drop table if exists ptest//
	create table ptest(c1 int, c2 bool, c3 float, c4 double, c5 varchar(10000), c6
	timestamp, primary key(c1))//
	drop procedure if exists ptest//
	create procedure ptest()
	begin
	declare @c1 int default 1;
	declare @c2 bool default false;
	declare @c3 double default 10.000000001;
	declare @c4 double default 5.0001;
	declare @c5 varchar(10000) default 'asd312dsd';
	declare @c6 timestamp default '1993-03-07 10:08:24';
	for @f1 in 1 to 269220 loop
	insert into ptest values (@f1, @c2, @c3, @c4, @c5, @c6);
	end loop;
	end//
	set @@session.ob_query_timeout=900000000//
	set @@session.ob_tx_timeout = 9000000000//
	call ptest()/*+ NO_GROUP */ //
	select count (*) from ptest//
测试结果	执行成功
编号	2 配置 93 (ups、rs、lms)、92 (cs、ms)
测试目的	测试>32MB
测试输入	delimiter //
	drop table if exists ptest//
	create table ptest(c1 int, c2 bool, c3 float, c4 double, c5 varchar(10000), c6
	timestamp, primary key(c1))//
	drop procedure if exists ptest//
	create procedure ptest()
	begin
	declare @c1 int default 1;
	declare @c2 bool default false;
	declare @c3 double default 10.00000001;
	declare @c4 double default 5.0001;
	declare @c5 varchar(10000) default
	'asd31kjsfhsdgksljfkj kljl kjkokoikoi kpokosfisj fkxjfkdy hfuids hkjfio suao isdjopa qrfeaw
	eeeeeeeeexxcccccfjhjhjhjhjhjhjhjhjhjhjhjhjhjhjhjhjh
	hjhjhjhjhjhjhjhjhjhjhjhjhjhjhjhjhjhjhj
	jskdxclzkldksldkslkcfsfsdf2dsasd31kjsfhsdgksljfkjkljlkjkokoikoikoikpokosfisjfkxjfkdyhfui
	dshkjfiosuaoisdjopaqrfeaweeeeeeeeeeesxcccccfjhjhjhjhjhjhjhjhjhjhjhjhjhjhjhjhjh

```
jhjhgsfsdfshfushfjksjdjfskasd31 kjsfhsdgksljfkjkljlkjkokoikoikpokosfisjfkxjfkdyhfuidsh
                          hgs fs dfs hfushfjksjdj fskajsk dxclzkl dksldkslkc fs fs df2 dsdajsk dxclzkl dksldkslkc fs fs df2 dsldkslkc fs df3 dsldkslkc f
                          ddokosfisjfkxjfkdyhfuidshkjfiosuaoisdjopagrfeaweeeeeeeeeesxcccccfjhjhjhjhjhjh
                         hjhjhjhjhjhjhjhjhjhjhjhjhjhjhgsfsdfshfushfjksjdjfskasd31kjsfhsdgksljfkjkljlkjkokoikoikp
                          okosfisjfkxjfkdyhfuidshkjfiosuaoisdjopaqrfeaweeeeeeeeeesxcccccfjhjhjhjhjhjhj
                          hjhjhjhjhjhjhjhjhjhjhjhgsfsdfshfushfjksjdjfskajskdxclzkldksldkslkcfsfsdf2dsdajskdx
                          clzkldksldkslkcfsfsdf2dsdd';
                                  declare @c6 timestamp default '1993-03-07 10:08:24';
                                  while @c1 < 50000 do
                                           insert into ptest values (@c1, @c2, @c3, @c4, @c5, @c6);
                                           set @c1 = @c1 + 1;
                                  end while;
                          end//
                          set @@session.ob_query_timeout=900000000//
                          set @@session.ob_tx_timeout = 9000000000//
                          call ptest()//
                          select count (*) from ptest//
测试结果
                          事务回滚
编号
                                        配置 | 93 (ups、rs、lms)、92 (cs、ms)
测试目的
                          并列 while 循环
测试输入
                          delimiter //
                          drop table if exists ptest//
                         create table ptest(c1 int, c2 bool, c3 float, c4 double, c5 varchar(10000), c6
                          timestamp, primary key(c1))//
                          drop procedure if exists ptest//
                          create procedure ptest()
                          begin
                                  declare @c1 int default 1;
                                  declare @c2 bool default false;
                                  declare @c3 double default 10.000000001;
                                  declare @c4 double default 5.0001;
                                                                        @c5
                                                                                                                                                             default
                                  declare
                                                                                                         varchar(10000)
                          'asd31kjsfhsdgksljfkjkljlkjkokoikoikpokosfisjfkxjfkdy';
                                  declare @c6 timestamp default '1993-03-07 10:08:24';
                                  while @c1 < 50000 do
                                           insert into ptest values (@c1, @c2, @c3, @c4, @c5, @c6);
                                           set @c1 = @c1 + 1;
                                  end while;
                                  while @c1 < 100000 do
```

```
insert into ptest values (@c1, @c2, @c3, @c4, @c5, @c6);
                      set @c1 = @c1 + 1;
                  end while:
             end//
             set @@session.ob_query_timeout=900000000//
             set @@session.ob_tx_timeout = 9000000000//
             call ptest()//
             select count (*) from ptest//
测试结果
             成功
编号
             4
                     配置 | 93 (ups、rs、lms)、92 (cs、ms)
测试目的
             While 次数
测试输入
             delimiter //
             drop table if exists ptest//
             create table ptest(c1 int, c5 varchar(10000), primary key(c1))//
             drop procedure if exists ptest//
             create procedure ptest()
             begin
                  declare @c1,@d1 int default 1;
                  declare @c5 varchar(10000) default 'aaaaaaaaaa';
                  declare @c6 timestamp default '1993-03-07 10:08:24';
                  while @c1 < 500 do
                      replace into ptest values (@c1, @c5);
                      set @c1 = @c1 + 1;
                      set @d1 = 1;
                      while @d1 < 100 do
                      replace into ptest values (@d1, @c5);
                      set @d1 = @d1 + 1;
                  end while;
                  end while;
             end//
             set @@session.ob_query_timeout=900000000//
             call ptest()//
             select
                    count (*) from ptest//
测试结果
             成功
编号
             5
                     配置
                             93 (ups, rs, lms), 92 (cs, ms)
测试目的
             While 次数
测试输入
             delimiter //
             drop table if exists ptest//
             create table ptest(c1 int, c5 varchar(10000), primary key(c1))//
             drop procedure if exists ptest//
             create procedure ptest()
             begin
                  declare @c1,@d1 int default 1;
```

```
declare @c5 varchar(10000) default 'a';
                  declare @c6 timestamp default '1993-03-07 10:08:24';
                  while @c1 < 500 do
                       replace into ptest values (@c1, @c5);
                       set @c1 = @c1 + 1;
                       set @d1 = 1:
                       while @d1 < 1000 do
                       replace into ptest values (@d1, @c5);
                       set @d1 = @d1 + 1;
                  end while;
                  end while;
              end//
              set @@session.ob_query_timeout=900000000//
              call ptest()//
              select count (*) from ptest//
测试结果
             成功
编号
                      配置
              6
                             93 (ups, rs, lms), 92 (cs, ms)
测试目的
              嵌套
测试输入
              drop table if exists ptest//
              create table ptest(c1 int, c2 bool, c3 float, c4 double, c5 varchar(10000), c6
              timestamp, primary key(c1))//
              drop procedure if exists ptest//
              create procedure ptest()
              begin
                  declare @c1,@d1 int default 1;
                  declare @c2 bool default false;
                  declare @c3 float default 100.000;
                  declare @c4 double default 5.0001;
                  declare @c5 varchar(10000) default 'asdasdsd';
                  declare @c6 timestamp default '1993-03-07 10:08:24';
                  replace into ptest values (@c1, @c2, @c3, @c4, @c5, @c6);
                  while(@c1<1000) do
                       set @c1 = @c1 + 1;
                       replace into ptest values (@c1, @c2, @c3, @c4, @c5, @c6);
                       if (@c1\%2 = 1) then
                            replace into ptest values (@c1, @c2, @c3, @c4, 'sds', @c6);
                       end if;
                       if (@c1 = 100) then
                            while (@c3 > 0) do
                                set @d1 = @d1 - 1;
                                replace into ptest values (@d1, @c2, @c3, @c4, 'xiugai', @c6);
                                set @c3 = @c3 - 1;
                            end while;
```

```
end if:
                 end while;
             end//
             set @@session.ob_query_timeout=900000000//
             call ptest()//
             select count(*) from ptest//
测试结果
             创建失败
编号
             7
                     配置
                           93 (ups, rs, lms), 92 (cs, ms)
测试目的
             测试 while
测试输入
             drop table if exists ptest//
             create table ptest(c1 int, c2 bool, c3 float, c4 double, c5 varchar(10000), c6
             timestamp, primary key(c1))//
             drop procedure if exists ptest//
             create procedure ptest()
             begin
                 declare @c1,@d1 int default 1;
                 declare @c2 bool default false;
                 declare @c3 float default 2000.000;
                 declare @c4 double default 5.0001;
                 declare @c5 varchar(10000) default 'asdasdasedwqe221312dsd';
                 declare @c6 timestamp default '1993-03-07 10:08:24';
                 while(@c1<100000) do
                      set @c1 = @c1 + 1;
                      if (@c1\%2 = 1) then
                          insert into ptest values (@c1, @c2, @c3, @c4, @c5, @c6);
                      end if;
                      if (@c1 = 100) then
                           set @d1 = 200000;
                           while (@d1 < 300000) do
                               set @d1 = @d1 + 1;
                               insert into ptest values (@d1, @c2, @c3, @c4, @c5, @c6);
                          end while;
                      end if;
                 end while;
             end//
             set @@session.ob_query_timeout=900000000//
             call ptest()//
             select count(*) from ptest//
测试结果
             成功
编号
                     配置
                            93 (ups, rs, lms), 92 (cs, ms)
测试目的
             测试边界事务回滚
测试输入
             drop table if exists ptest//
             create table ptest(c1 int, c2 bool, c3 float, c4 double, c5 varchar(10000), c6
             timestamp, primary key(c1))//
```

```
drop procedure if exists ptest//
create procedure ptest()
begin

declare @c1,@d1 int default 1;
declare @c2 bool default false;
declare @c3 float default 2000.000;
declare @c4 double default 5.0001;
declare @c5 varchar(10000) default
```

'asdasdasedkoikoikpokosfisjfkxjfkdyhfuidshkjfiosuaoisdjopaqrfeaweeeeeeeeesxc ksljfkjkljlkjkokoikoikpokosfis jfkxjfkdyhfuidshkjfiosuaoisdjopagrfeaweeeeeeeee dksldkslkcfsfsdf2dsdajskdxclzkldksldkslkcfsfsdf2dsddokosfisjfkxjfkdyhfuidshkjfi sfsdfshfushfiksjdjfskasd31kjsfhsdgksljfkjkljlkjkokoikoikpokosfisjfkxjfkdyhfuidshk lkcfsfsdf2dsdajskdxclzkldksldkslkcfsfsdf2dsddokosfisjfkxjfkdyhfuidshkjfiosuaoisd ushfjksjdjfskasd31kjsfhsdgksljfkjkljlkjkokoikoikoikpokosfisjfkxjfkdyhfuidshkjfiosua slkcfsfsdf2dsdajskdxclzkldksldkslkcfsfsdf2dsddokosfisjfkxjfkdyhfuidshkjfiosuaois fushfiksjdjfskasd31kjsfhsdgksljfkjkljlkjkokoikoikpokosfisjfkxjfkdyhfuidshkjfiosua oisdjopagrfeaweeeeeeeesxjhjhjhjhjhjhjhjhjhccjddfffffdjjjh';

```
declare @c6 timestamp default '1993-03-07 10:08:24'; while (@c1<10000) do  \sec @c1 = @c1 + 1; \\ if (@c1\%2 = 1) then \\ insert into ptest values (@c1, @c2, @c3, @c4, @c5, @c6); \\ end if; \\ if (@c1 = 100) then \\ set @d1 = 20000; \\ while (@d1 < 30000-6) do
```

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```
set @d1 = @d1 + 1;
                          insert into ptest values (@d1, @c2, @c3, @c4, @c5, @c6);
                      end while;
                  end if;
               end while;
           end//
           set @@session.ob_query_timeout=900000000//
           call ptest()//
           select count(*) from ptest//
测试结果
           事务回滚
编号
                 配置
测试目的
测试输入
           drop table if exists ptest;
           create table ptest(c1 int, c2 bool, c3 float, c4 double, c5 varchar(10000), c6
           timestamp, primary key(c1));
           insert into ptest values (@d1, @c2, @c3, @c4, @c5, @c6);
           执行报错
测试结果
编号
                 配置
           10
测试目的
测试输入
           JDBC 链接可用
测试结果
           执行成功
编号
                 配置
测试目的
测试输入
测试结果
           执行成功
```