性能报告对比实验配置项：

|  |  |  |  |
| --- | --- | --- | --- |
| DATABASE | 版本 | 服务器 | 客户机 |
| IOTDB | 0.4.0 | S19 | S17 |
| INFLUXDB | 1.4.2 | S20 | S21 |

1. **IOTDB写入：**

DB\_SWITCH=IoTDB REMARK=Change\_LOOP\_Full\_Test VERSION=0.4 IS\_OVERFLOW=false MUL\_DEV\_BATCH=false LOG\_STOP\_FLAG\_PATH=/home/liurui/github/iotdb/iotdb

POINT\_STEP=5000 CLIENT\_NUMBER=10 GROUP\_NUMBER=10 DEVICE\_NUMBER=100

SENSOR\_NUMBER=100 CACHE\_NUM=1000 LOOP=10 BENCHMARK\_WORK\_MODE=insertTestWithDefaultPath TEST

LOOP=50 TEST

LOOP=100 TEST

LOOP=500 TEST

LOOP=1000 TEST

LOOP=3000 TEST

LOOP=100 REMARK=Change\_CACHE\_NUM\_Full\_Test CACHE\_NUM=1 TEST

CACHE\_NUM=10 TEST

CACHE\_NUM=50 TEST

CACHE\_NUM=100 TEST

CACHE\_NUM=500 TEST

CACHE\_NUM=1000 TEST

CACHE\_NUM=5000 TEST

CACHE\_NUM=10000 TEST

REMARK=Change\_SENSOR\_NUMBER\_Full\_Test CACHE\_NUM=1000 SENSOR\_NUMBER=10 TEST

SENSOR\_NUMBER=50 TEST

SENSOR\_NUMBER=100 TEST

SENSOR\_NUMBER=300 TEST

SENSOR\_NUMBER=500 TEST

SENSOR\_NUMBER=1000 TEST

REMARK=Change\_DEVICE\_NUMBER\_Full\_Test DEVICE\_NUMBER=10 SENSOR\_NUMBER=100 TEST

DEVICE\_NUMBER=100 TEST

DEVICE\_NUMBER=500 TEST

DEVICE\_NUMBER=1000 TEST

DEVICE\_NUMBER=5000 TEST

DEVICE\_NUMBER=10000 TEST

REMARK=Change\_GROUP\_NUMBER\_Full\_Test GROUP\_NUMBER=1 DEVICE\_NUMBER=100 TEST

GROUP\_NUMBER=5 TEST

GROUP\_NUMBER=10 TEST

GROUP\_NUMBER=50 TEST

GROUP\_NUMBER=100 TEST

REMARK=Change\_CLIENT\_NUMBER\_Full\_Test GROUP\_NUMBER=10 CLIENT\_NUMBER=1 TEST

CLIENT\_NUMBER=2 TEST

CLIENT\_NUMBER=4 TEST

CLIENT\_NUMBER=5 TEST

CLIENT\_NUMBER=8 TEST

CLIENT\_NUMBER=10 TEST

CLIENT\_NUMBER=20 TEST

CLIENT\_NUMBER=50 TEST

REMARK=Change\_ENCODING\_Full\_Test CLIENT\_NUMBER=10 ENCODING=RLE

TEST

ENCODING=TS\_2DIFF

TEST

ENCODING=GORILLA

TEST

ENCODING=PLAIN

TEST

1. **INFLUXDB写入：**

DB\_SWITCH=InfluxDB REMARK=Change\_LOOP\_Full\_Test VERSION=1.4.2 IS\_OVERFLOW=false MUL\_DEV\_BATCH=false LOG\_STOP\_FLAG\_PATH=/home/liurui/

POINT\_STEP=5000 CLIENT\_NUMBER=10 GROUP\_NUMBER=10 DEVICE\_NUMBER=100

SENSOR\_NUMBER=100 CACHE\_NUM=1000 LOOP=10 BENCHMARK\_WORK\_MODE=insertTestWithDefaultPath TEST

LOOP=50 TEST

LOOP=100 TEST

LOOP=500 TEST

LOOP=1000 TEST

LOOP=3000 TEST

LOOP=100 REMARK=Change\_CACHE\_NUM\_Full\_Test CACHE\_NUM=1 TEST

CACHE\_NUM=10 TEST

CACHE\_NUM=50 TEST

CACHE\_NUM=100 TEST

CACHE\_NUM=500 TEST

CACHE\_NUM=1000 TEST

CACHE\_NUM=5000 TEST

CACHE\_NUM=10000 TEST

REMARK=Change\_SENSOR\_NUMBER\_Full\_Test CACHE\_NUM=1000 SENSOR\_NUMBER=10 TEST

SENSOR\_NUMBER=50 TEST

SENSOR\_NUMBER=100 TEST

SENSOR\_NUMBER=300 TEST

SENSOR\_NUMBER=500 TEST

SENSOR\_NUMBER=1000 TEST

REMARK=Change\_DEVICE\_NUMBER\_Full\_Test DEVICE\_NUMBER=10 SENSOR\_NUMBER=100 TEST

DEVICE\_NUMBER=100 TEST

DEVICE\_NUMBER=500 TEST

DEVICE\_NUMBER=1000 TEST

DEVICE\_NUMBER=5000 TEST

DEVICE\_NUMBER=10000 TEST

REMARK=Change\_GROUP\_NUMBER\_Full\_Test GROUP\_NUMBER=1 DEVICE\_NUMBER=100 TEST

GROUP\_NUMBER=5 TEST

GROUP\_NUMBER=10 TEST

GROUP\_NUMBER=50 TEST

GROUP\_NUMBER=100 TEST

REMARK=Change\_CLIENT\_NUMBER\_Full\_Test GROUP\_NUMBER=10 CLIENT\_NUMBER=1 TEST

CLIENT\_NUMBER=2 TEST

CLIENT\_NUMBER=4 TEST

CLIENT\_NUMBER=5 TEST

CLIENT\_NUMBER=8 TEST

CLIENT\_NUMBER=10 TEST

CLIENT\_NUMBER=20 TEST

CLIENT\_NUMBER=50 TEST

REMARK=Change\_ENCODING\_Full\_Test CLIENT\_NUMBER=10 ENCODING=GORILLA TEST

1. **IOTDB查询：**

DB\_SWITCH=IoTDB VERSION=0.4 LOG\_STOP\_FLAG\_PATH=/home/liurui/github/iotdb/iotdb CLIENT\_NUMBER=4 BENCHMARK\_WORK\_MODE=queryTestWithDefaultPath QUERY\_SENSOR\_NUM=1 QUERY\_DEVICE\_NUM=1 IS\_EMPTY\_PRECISE\_POINT\_QUERY=false QUERY\_CHOICE=1 REMARK=IotdbQueryTestType1NotNullChangingDeviceNum TEST

QUERY\_DEVICE\_NUM=5 TEST

QUERY\_DEVICE\_NUM=10 TEST

QUERY\_DEVICE\_NUM=20 TEST

QUERY\_DEVICE\_NUM=50 TEST

IS\_EMPTY\_PRECISE\_POINT\_QUERY=true QUERY\_SENSOR\_NUM=1 QUERY\_CHOICE=1 QUERY\_DEVICE\_NUM=1 REMARK=IotdbQueryTestType1NullChangingDeviceNum TEST

QUERY\_DEVICE\_NUM=5 TEST

QUERY\_DEVICE\_NUM=10 TEST

QUERY\_DEVICE\_NUM=20 TEST

QUERY\_DEVICE\_NUM=50 TEST

QUERY\_DEVICE\_NUM=1 IS\_EMPTY\_PRECISE\_POINT\_QUERY=true REMARK=IotdbQueryTestType1NullChangingSensorNum QUERY\_SENSOR\_NUM=1 TEST

QUERY\_SENSOR\_NUM=5 TEST

QUERY\_SENSOR\_NUM=10 TEST

QUERY\_SENSOR\_NUM=20 TEST

QUERY\_SENSOR\_NUM=50 TEST

IS\_EMPTY\_PRECISE\_POINT\_QUERY=false QUERY\_SENSOR\_NUM=1 REMARK=IotdbQueryTestType1NotNullChangingSensorNum QUERY\_SENSOR\_NUM=1 TEST

QUERY\_SENSOR\_NUM=5 TEST

QUERY\_SENSOR\_NUM=10 TEST

QUERY\_SENSOR\_NUM=20 TEST

QUERY\_SENSOR\_NUM=50 TEST

DB\_SWITCH=IoTDB CLIENT\_NUMBER=4 QUERY\_SENSOR\_NUM=1 QUERY\_DEVICE\_NUM=1 QUERY\_AGGREGATE\_FUN=count QUERY\_CHOICE=3 REMARK=IotdbQueryTestType3CountChangingSensorNum QUERY\_INTERVAL=1800000 TEST

QUERY\_SENSOR\_NUM=5 TEST

QUERY\_SENSOR\_NUM=10 TEST

QUERY\_SENSOR\_NUM=20 TEST

QUERY\_SENSOR\_NUM=50 TEST

QUERY\_SENSOR\_NUM=1 QUERY\_DEVICE\_NUM=1 QUERY\_AGGREGATE\_FUN=count REMARK=IotdbQueryTestType3CountChangingDeviceNum TEST

QUERY\_DEVICE\_NUM=5 TEST

QUERY\_DEVICE\_NUM=10 TEST

QUERY\_DEVICE\_NUM=20 TEST

QUERY\_DEVICE\_NUM=50 TEST

QUERY\_SENSOR\_NUM=1 QUERY\_DEVICE\_NUM=1 QUERY\_AGGREGATE\_FUN=max\_value QUERY\_INTERVAL=20000 REMARK=IotdbQueryTestType3max\_valueChangingTimeInterval TEST

QUERY\_INTERVAL=60000 TEST

QUERY\_INTERVAL=1800000 TEST

QUERY\_INTERVAL=3600000 TEST

QUERY\_INTERVAL=7200000 TEST

QUERY\_DEVICE\_NUM=1 QUERY\_AGGREGATE\_FUN=max\_value QUERY\_INTERVAL=1800000 REMARK=IotdbQueryTestType3Max\_valueChangingSensorNum QUERY\_SENSOR\_NUM=1 TEST

QUERY\_SENSOR\_NUM=5 TEST

QUERY\_SENSOR\_NUM=10 TEST

QUERY\_SENSOR\_NUM=20 TEST

QUERY\_SENSOR\_NUM=50 TEST

QUERY\_DEVICE\_NUM=1 QUERY\_AGGREGATE\_FUN=min\_time QUERY\_SENSOR\_NUM=1 REMARK=IotdbQueryTestType3MinTimeChangingSensorNum QUERY\_SENSOR\_NUM=1 TEST

QUERY\_SENSOR\_NUM=5 TEST

QUERY\_SENSOR\_NUM=10 TEST

QUERY\_SENSOR\_NUM=20 TEST

QUERY\_SENSOR\_NUM=50 TEST

QUERY\_DEVICE\_NUM=1 QUERY\_AGGREGATE\_FUN=min\_value QUERY\_INTERVAL=1800000 REMARK=IotdbQueryTestType3MinChangingSensorNum QUERY\_SENSOR\_NUM=1 TEST

QUERY\_SENSOR\_NUM=5 TEST

QUERY\_SENSOR\_NUM=10 TEST

QUERY\_SENSOR\_NUM=20 TEST

QUERY\_SENSOR\_NUM=50 TEST

CLIENT\_NUMBER=4 QUERY\_SENSOR\_NUM=1 QUERY\_CHOICE=4 QUERY\_INTERVAL=1800000 QUERY\_DEVICE\_NUM=1 REMARK=IotdbQueryTestType4ChangingDeviceNum TEST

QUERY\_DEVICE\_NUM=5 TEST

QUERY\_DEVICE\_NUM=10 TEST

QUERY\_DEVICE\_NUM=20 TEST

QUERY\_DEVICE\_NUM=50 TEST

QUERY\_SENSOR\_NUM=1 QUERY\_DEVICE\_NUM=1 QUERY\_INTERVAL=20000 REMARK=IotdbQueryTestType4ChangingTimeInterval TEST

QUERY\_INTERVAL=60000 TEST

QUERY\_INTERVAL=1800000 TEST

QUERY\_INTERVAL=3600000 TEST

QUERY\_INTERVAL=7200000 TEST

QUERY\_INTERVAL=1800000 CLIENT\_NUMBER=1 REMARK=IotdbQueryTestType4ChangingClientNum TEST

CLIENT\_NUMBER=2 TEST

CLIENT\_NUMBER=4 TEST

CLIENT\_NUMBER=6 TEST

CLIENT\_NUMBER=8 TEST

CLIENT\_NUMBER=4 REMARK=IotdbQueryTestType5ChangingSensorNum QUERY\_SENSOR\_NUM=1 TEST

QUERY\_SENSOR\_NUM=5 TEST

QUERY\_SENSOR\_NUM=10 TEST

QUERY\_SENSOR\_NUM=20 TEST

QUERY\_SENSOR\_NUM=50 TEST

CLIENT\_NUMBER=4 QUERY\_LOWER\_LIMIT=0 QUERY\_SENSOR\_NUM=1 QUERY\_CHOICE=5 QUERY\_DEVICE\_NUM=1 QUERY\_INTERVAL=1800000 REMARK=IotdbQueryTestType5GT0ChangingDeviceNum TEST

QUERY\_DEVICE\_NUM=5 TEST

QUERY\_DEVICE\_NUM=10 TEST

QUERY\_DEVICE\_NUM=20 TEST

QUERY\_DEVICE\_NUM=50 TEST

QUERY\_DEVICE\_NUM=1 REMARK=IotdbQueryTestType5GT0ChangingSensorNum QUERY\_SENSOR\_NUM=1 TEST

QUERY\_SENSOR\_NUM=5 TEST

QUERY\_SENSOR\_NUM=10 TEST

QUERY\_SENSOR\_NUM=20 TEST

QUERY\_SENSOR\_NUM=50 TEST

QUERY\_SENSOR\_NUM=1 CLIENT\_NUMBER=1 REMARK=IotdbQueryTestType5GT0ChangingClientNum TEST

CLIENT\_NUMBER=2 TEST

CLIENT\_NUMBER=4 TEST

CLIENT\_NUMBER=6 TEST

CLIENT\_NUMBER=8 TEST

QUERY\_SENSOR\_NUM=1 CLIENT\_NUMBER=4 QUERY\_DEVICE\_NUM=1 QUERY\_INTERVAL=20000 REMARK=IotdbQueryTestType5GT0ChangingTimeInterval TEST

QUERY\_INTERVAL=60000 TEST

QUERY\_INTERVAL=1800000 TEST

QUERY\_INTERVAL=3600000 TEST

QUERY\_INTERVAL=7200000 TEST

QUERY\_SENSOR\_NUM=1 QUERY\_LOWER\_LIMIT=-10 QUERY\_INTERVAL=1800000 QUERY\_DEVICE\_NUM=1 REMARK=IotdbQueryTestType5GT\_10ChangingDeviceNum TEST

QUERY\_DEVICE\_NUM=5 TEST

QUERY\_DEVICE\_NUM=10 TEST

QUERY\_DEVICE\_NUM=20 TEST

QUERY\_DEVICE\_NUM=50 TEST

CLIENT\_NUMBER=4 QUERY\_SENSOR\_NUM=1 QUERY\_CHOICE=6 QUERY\_DEVICE\_NUM=1 QUERY\_AGGREGATE\_FUN=max\_time REMARK=IotdbQueryTestType6ChangingDeviceNum TEST

QUERY\_DEVICE\_NUM=5 TEST

QUERY\_DEVICE\_NUM=10 TEST

QUERY\_DEVICE\_NUM=20 TEST

QUERY\_DEVICE\_NUM=50 TEST

QUERY\_DEVICE\_NUM=1 REMARK=IotdbQueryTestType6ChangingSensorNum QUERY\_SENSOR\_NUM=1 TEST

QUERY\_SENSOR\_NUM=5 TEST

QUERY\_SENSOR\_NUM=10 TEST

QUERY\_SENSOR\_NUM=20 TEST

QUERY\_SENSOR\_NUM=50 TEST

CLIENT\_NUMBER=4 QUERY\_CHOICE=7 QUERY\_SENSOR\_NUM=1 QUERY\_LOWER\_LIMIT=0 TIME\_UNIT=300000 QUERY\_DEVICE\_NUM=1 QUERY\_INTERVAL=1800000 QUERY\_AGGREGATE\_FUN=max\_value REMARK=IoTdbQueryTestType7ChangingSensorNum0 TEST

QUERY\_SENSOR\_NUM=5 TEST

QUERY\_SENSOR\_NUM=10 TEST

QUERY\_SENSOR\_NUM=20 TEST

QUERY\_SENSOR\_NUM=50 TEST

QUERY\_DEVICE\_NUM=1 REMARK=IoTdbQueryTestType7ChangingDeviceNum0 TEST

QUERY\_DEVICE\_NUM=5 TEST

QUERY\_DEVICE\_NUM=10 TEST

QUERY\_DEVICE\_NUM=20 TEST

QUERY\_DEVICE\_NUM=50 TEST

QUERY\_DEVICE\_NUM=1 REMARK=IoTdbQueryTestType7ChangingSensorNum\_10 QUERY\_SENSOR\_NUM=1 QUERY\_LOWER\_LIMIT=-10 TEST

QUERY\_SENSOR\_NUM=5 TEST

QUERY\_SENSOR\_NUM=10 TEST

QUERY\_SENSOR\_NUM=20 TEST

QUERY\_SENSOR\_NUM=50 TEST

QUERY\_DEVICE\_NUM=1 QUERY\_DEVICE\_NUM=1 REMARK=IoTdbQueryTestType7ChangingDeviceNum\_10 TEST

QUERY\_DEVICE\_NUM=5 TEST

QUERY\_DEVICE\_NUM=10 TEST

QUERY\_DEVICE\_NUM=20 TEST

QUERY\_DEVICE\_NUM=50 TEST

1. **INFLUXDB查询：**

DB\_SWITCH=InfluxDB VERSION=1.4.2 LOG\_STOP\_FLAG\_PATH=/home/liurui/

CLIENT\_NUMBER=4 BENCHMARK\_WORK\_MODE=queryTestWithDefaultPath QUERY\_SENSOR\_NUM=1 QUERY\_DEVICE\_NUM=1 IS\_EMPTY\_PRECISE\_POINT\_QUERY=false QUERY\_CHOICE=1 REMARK=IotdbQueryTestType1NotNullChangingDeviceNum TEST

QUERY\_DEVICE\_NUM=5 TEST

QUERY\_DEVICE\_NUM=10 TEST

QUERY\_DEVICE\_NUM=20 TEST

QUERY\_DEVICE\_NUM=50 TEST

IS\_EMPTY\_PRECISE\_POINT\_QUERY=true QUERY\_SENSOR\_NUM=1 QUERY\_CHOICE=1 QUERY\_DEVICE\_NUM=1 REMARK=IotdbQueryTestType1NullChangingDeviceNum TEST

QUERY\_DEVICE\_NUM=5 TEST

QUERY\_DEVICE\_NUM=10 TEST

QUERY\_DEVICE\_NUM=20 TEST

QUERY\_DEVICE\_NUM=50 TEST

QUERY\_DEVICE\_NUM=1 IS\_EMPTY\_PRECISE\_POINT\_QUERY=true REMARK=IotdbQueryTestType1NullChangingSensorNum QUERY\_SENSOR\_NUM=1 TEST

QUERY\_SENSOR\_NUM=5 TEST

QUERY\_SENSOR\_NUM=10 TEST

QUERY\_SENSOR\_NUM=20 TEST

QUERY\_SENSOR\_NUM=50 TEST

IS\_EMPTY\_PRECISE\_POINT\_QUERY=false QUERY\_SENSOR\_NUM=1 REMARK=IotdbQueryTestType1NotNullChangingSensorNum QUERY\_SENSOR\_NUM=1 TEST

QUERY\_SENSOR\_NUM=5 TEST

QUERY\_SENSOR\_NUM=10 TEST

QUERY\_SENSOR\_NUM=20 TEST

QUERY\_SENSOR\_NUM=50 TEST

DB\_SWITCH=IoTDB CLIENT\_NUMBER=4 QUERY\_SENSOR\_NUM=1 QUERY\_DEVICE\_NUM=1 QUERY\_AGGREGATE\_FUN=count QUERY\_CHOICE=3 REMARK=IotdbQueryTestType3CountChangingSensorNum QUERY\_INTERVAL=1800000 TEST

QUERY\_SENSOR\_NUM=5 TEST

QUERY\_SENSOR\_NUM=10 TEST

QUERY\_SENSOR\_NUM=20 TEST

QUERY\_SENSOR\_NUM=50 TEST

QUERY\_SENSOR\_NUM=1 QUERY\_DEVICE\_NUM=1 QUERY\_AGGREGATE\_FUN=count REMARK=IotdbQueryTestType3CountChangingDeviceNum TEST

QUERY\_DEVICE\_NUM=5 TEST

QUERY\_DEVICE\_NUM=10 TEST

QUERY\_DEVICE\_NUM=20 TEST

QUERY\_DEVICE\_NUM=50 TEST

QUERY\_SENSOR\_NUM=1 QUERY\_DEVICE\_NUM=1 QUERY\_AGGREGATE\_FUN=max QUERY\_INTERVAL=20000 REMARK=IotdbQueryTestType3maxChangingTimeInterval TEST

QUERY\_INTERVAL=60000 TEST

QUERY\_INTERVAL=1800000 TEST

QUERY\_INTERVAL=3600000 TEST

QUERY\_INTERVAL=7200000 TEST

QUERY\_DEVICE\_NUM=1 QUERY\_AGGREGATE\_FUN=max QUERY\_INTERVAL=1800000 REMARK=IotdbQueryTestType3MaxChangingSensorNum QUERY\_SENSOR\_NUM=1 TEST

QUERY\_SENSOR\_NUM=5 TEST

QUERY\_SENSOR\_NUM=10 TEST

QUERY\_SENSOR\_NUM=20 TEST

QUERY\_SENSOR\_NUM=50 TEST

QUERY\_DEVICE\_NUM=1 QUERY\_AGGREGATE\_FUN=last QUERY\_SENSOR\_NUM=1 REMARK=IotdbQueryTestType3LastChangingSensorNum QUERY\_SENSOR\_NUM=1 TEST

QUERY\_SENSOR\_NUM=5 TEST

QUERY\_SENSOR\_NUM=10 TEST

QUERY\_SENSOR\_NUM=20 TEST

QUERY\_SENSOR\_NUM=50 TEST

QUERY\_DEVICE\_NUM=1 QUERY\_AGGREGATE\_FUN=min QUERY\_INTERVAL=1800000 REMARK=IotdbQueryTestType3MinChangingSensorNum QUERY\_SENSOR\_NUM=1 TEST

QUERY\_SENSOR\_NUM=5 TEST

QUERY\_SENSOR\_NUM=10 TEST

QUERY\_SENSOR\_NUM=20 TEST

QUERY\_SENSOR\_NUM=50 TEST

CLIENT\_NUMBER=4 QUERY\_SENSOR\_NUM=1 QUERY\_CHOICE=4 QUERY\_INTERVAL=1800000 QUERY\_DEVICE\_NUM=1 REMARK=IotdbQueryTestType4ChangingDeviceNum TEST

QUERY\_DEVICE\_NUM=5 TEST

QUERY\_DEVICE\_NUM=10 TEST

QUERY\_DEVICE\_NUM=20 TEST

QUERY\_DEVICE\_NUM=50 TEST

QUERY\_SENSOR\_NUM=1 QUERY\_DEVICE\_NUM=1 QUERY\_INTERVAL=20000 REMARK=IotdbQueryTestType4ChangingTimeInterval TEST

QUERY\_INTERVAL=60000 TEST

QUERY\_INTERVAL=1800000 TEST

QUERY\_INTERVAL=3600000 TEST

QUERY\_INTERVAL=7200000 TEST

QUERY\_INTERVAL=1800000 CLIENT\_NUMBER=1 REMARK=IotdbQueryTestType4ChangingClientNum TEST

CLIENT\_NUMBER=2 TEST

CLIENT\_NUMBER=4 TEST

CLIENT\_NUMBER=6 TEST

CLIENT\_NUMBER=8 TEST

CLIENT\_NUMBER=4 REMARK=IotdbQueryTestType5ChangingSensorNum QUERY\_SENSOR\_NUM=1 TEST

QUERY\_SENSOR\_NUM=5 TEST

QUERY\_SENSOR\_NUM=10 TEST

QUERY\_SENSOR\_NUM=20 TEST

QUERY\_SENSOR\_NUM=50 TEST

CLIENT\_NUMBER=4 QUERY\_LOWER\_LIMIT=0 QUERY\_SENSOR\_NUM=1 QUERY\_CHOICE=5 QUERY\_DEVICE\_NUM=1 QUERY\_INTERVAL=1800000 REMARK=IotdbQueryTestType5GT0ChangingDeviceNum TEST

QUERY\_DEVICE\_NUM=5 TEST

QUERY\_DEVICE\_NUM=10 TEST

QUERY\_DEVICE\_NUM=20 TEST

QUERY\_DEVICE\_NUM=50 TEST

QUERY\_DEVICE\_NUM=1 REMARK=IotdbQueryTestType5GT0ChangingSensorNum QUERY\_SENSOR\_NUM=1 TEST

QUERY\_SENSOR\_NUM=5 TEST

QUERY\_SENSOR\_NUM=10 TEST

QUERY\_SENSOR\_NUM=20 TEST

QUERY\_SENSOR\_NUM=50 TEST

QUERY\_SENSOR\_NUM=1 CLIENT\_NUMBER=1 REMARK=IotdbQueryTestType5GT0ChangingClientNum TEST

CLIENT\_NUMBER=2 TEST

CLIENT\_NUMBER=4 TEST

CLIENT\_NUMBER=6 TEST

CLIENT\_NUMBER=8 TEST

QUERY\_SENSOR\_NUM=1 CLIENT\_NUMBER=4 QUERY\_DEVICE\_NUM=1 QUERY\_INTERVAL=20000 REMARK=IotdbQueryTestType5GT0ChangingTimeInterval TEST

QUERY\_INTERVAL=60000 TEST

QUERY\_INTERVAL=1800000 TEST

QUERY\_INTERVAL=3600000 TEST

QUERY\_INTERVAL=7200000 TEST

QUERY\_SENSOR\_NUM=1 QUERY\_LOWER\_LIMIT=-10 QUERY\_INTERVAL=1800000 QUERY\_DEVICE\_NUM=1 REMARK=IotdbQueryTestType5GT\_10ChangingDeviceNum TEST

QUERY\_DEVICE\_NUM=5 TEST

QUERY\_DEVICE\_NUM=10 TEST

QUERY\_DEVICE\_NUM=20 TEST

QUERY\_DEVICE\_NUM=50 TEST

CLIENT\_NUMBER=4 QUERY\_SENSOR\_NUM=1 QUERY\_CHOICE=6 QUERY\_DEVICE\_NUM=1 QUERY\_AGGREGATE\_FUN=first REMARK=IotdbQueryTestType6ChangingDeviceNum TEST

QUERY\_DEVICE\_NUM=5 TEST

QUERY\_DEVICE\_NUM=10 TEST

QUERY\_DEVICE\_NUM=20 TEST

QUERY\_DEVICE\_NUM=50 TEST

QUERY\_DEVICE\_NUM=1 REMARK=IotdbQueryTestType6ChangingSensorNum QUERY\_SENSOR\_NUM=1 TEST

QUERY\_SENSOR\_NUM=5 TEST

QUERY\_SENSOR\_NUM=10 TEST

QUERY\_SENSOR\_NUM=20 TEST

QUERY\_SENSOR\_NUM=50 TEST

CLIENT\_NUMBER=4 QUERY\_CHOICE=7 QUERY\_SENSOR\_NUM=1 QUERY\_LOWER\_LIMIT=0 TIME\_UNIT=300000 QUERY\_DEVICE\_NUM=1 QUERY\_INTERVAL=1800000 QUERY\_AGGREGATE\_FUN=max REMARK=IoTdbQueryTestType7ChangingSensorNum0 TEST

QUERY\_SENSOR\_NUM=5 TEST

QUERY\_SENSOR\_NUM=10 TEST

QUERY\_SENSOR\_NUM=20 TEST

QUERY\_SENSOR\_NUM=50 TEST

QUERY\_DEVICE\_NUM=1 REMARK=IoTdbQueryTestType7ChangingDeviceNum0 TEST

QUERY\_DEVICE\_NUM=5 TEST

QUERY\_DEVICE\_NUM=10 TEST

QUERY\_DEVICE\_NUM=20 TEST

QUERY\_DEVICE\_NUM=50 TEST

QUERY\_DEVICE\_NUM=1 REMARK=IoTdbQueryTestType7ChangingSensorNum\_10 QUERY\_SENSOR\_NUM=1 QUERY\_LOWER\_LIMIT=-10 TEST

QUERY\_SENSOR\_NUM=5 TEST

QUERY\_SENSOR\_NUM=10 TEST

QUERY\_SENSOR\_NUM=20 TEST

QUERY\_SENSOR\_NUM=50 TEST

QUERY\_DEVICE\_NUM=1 QUERY\_DEVICE\_NUM=1 REMARK=IoTdbQueryTestType7ChangingDeviceNum\_10 TEST

QUERY\_DEVICE\_NUM=5 TEST

QUERY\_DEVICE\_NUM=10 TEST

QUERY\_DEVICE\_NUM=20 TEST

QUERY\_DEVICE\_NUM=50 TEST