T1-00

mm = db.getMongo()

ss = mm.startSession({readConcern: 'snapshot', writeConcern: 'majority'})

ss.startTransaction({readConcern: 'snapshot', writeConcern: 'majority'})

collection = ss.getDatabase("db\_bank").getCollection("bank")

db\_bank.bank

T2-00

mm = db.getMongo()

ss = mm.startSession({readConcern: 'snapshot', writeConcern: 'majority'})

ss.startTransaction({readConcern: 'snapshot', writeConcern: 'majority'})

collection = ss.getDatabase("db\_bank").getCollection("bank")

db\_bank.bank

T1-01

collection .findOne({'\_id': ObjectId('64a958a37db95684b99cf284')})

{

\_id: ObjectId("64a958a37db95684b99cf284"),

id: 48,

name: 'Mauro',

surname: 'Silvestri',

date\_of\_birth: '14/12/1974',

bank: 'Mediobanca',

balance: 573669

}

T2-02

collection.findOne({'\_id': ObjectId('64a958a37db95684b99cf284')})

{

\_id: ObjectId("64a958a37db95684b99cf284"),

id: 48,

name: 'Mauro',

surname: 'Silvestri',

date\_of\_birth: '14/12/1974',

bank: 'Mediobanca',

balance: 573669

}

T2-03

collection.updateOne({'\_id': ObjectId('64a958a37db95684b99cf284')}, {'$inc': {'balance': -100}})

{

acknowledged: true,

insertedId: null,

matchedCount: 1,

modifiedCount: 1,

upsertedCount: 0

}

T2-04

ss.commitTransaction()

{

ok: 1,

'$clusterTime': {

clusterTime: Timestamp({ t: 1688921916, i: 6 }),

signature: {

hash: Binary(Buffer.from("0000000000000000000000000000000000000000", "hex"), 0),

keyId: 0

}

},

operationTime: Timestamp({ t: 1688921916, i: 6 }),

recoveryToken: { recoveryShardId: 'rs-shard-01' }

}

T1-05

collection .findOne({'\_id': ObjectId('64a958a37db95684b99cf284')})

{

\_id: ObjectId("64a958a37db95684b99cf284"),

id: 48,

name: 'Mauro',

surname: 'Silvestri',

date\_of\_birth: '14/12/1974',

bank: 'Mediobanca',

balance: 573669

}

T1-06

ss.commitTransaction()

{

ok: 1,

'$clusterTime': {

clusterTime: Timestamp({ t: 1688921929, i: 1 }),

signature: {

hash: Binary(Buffer.from("0000000000000000000000000000000000000000", "hex"), 0),

keyId: 0

}

},

operationTime: Timestamp({ t: 1688921929, i: 1 }),

recoveryToken: {}

}