### Request without expiry

|  | Quiesce the Application | | |
| --- | --- | --- | --- |
|  | ps -ef|grep -vE "firefox|browse|brave|root|NX|grep|\?"|grep -E "node|npm|tsx|mjs|ipc">../logs/ps-ef.log  pwd && ls -l ../logs/ps-ef.log && cat ../logs/ps-ef.log | | |
| **Pass**: Logfile is empty; | $ pwd && ls -l ../logs/ps-ef.log && cat ../logs/ps-ef.log  /home/djorgenson/Projects/blofin-data/fcrt/2.1-cli-om/2.1.1-req-no-expiry/Documents  -rw-rw-r-- 1 djorgenson djorgenson 0 Sep  3 09:19 ../logs/ps-ef.log  $ | Pass  Fail |
| **Fail**: Logfile contains output; |

|  | Clear the Database | | |
| --- | --- | --- | --- |
|  | delete from devel.request;  delete from devel.orders;  select (select count(\*) as request from devel.request) as request,  (select count(\*) as orders from devel.orders) as orders,  (select count(\*) as vw\_orders from devel.vw\_orders) as vw\_orders,  (select count(\*) as vw\_api\_requests from devel.vw\_api\_requests) as vw\_api\_requests; | | |
| **Pass**: Database tables above are empty; |  | Pass  Fail |
| **Fail**: Database tables above contain data; |

|  | Create Baseline Workbook | | |
| --- | --- | --- | --- |
|  | Save workbook <baseline.xlsx> to ./2.1.1-req-no-expiry/Documents/app-cs-1a-baseline.xlsx; | | |
|  | npx tsx app > fcrt/2.1-cli-om/2.1.1-req-no-expiry/logs/app-cs-1a-baseline.log | | |
| **Pass**: Last two ?before=**[#]** are equal; | $ npx tsx app > fcrt/2.1-cli-om/2.1.1-req-no-expiry/logs/app-baseline.log  /api/v1/trade/orders-history?before=1000110431834  /api/v1/trade/orders-history?before=1000110431834  ^C  $ | Pass  Fail |
| **Fail**: Console error; failure to match; error in logfile; |
|  | Stop the application ( ctrl+c); review logfile for errors; example provided at [app-cs-1a-baseline.log](../logs/app-cs-1a-baseline.log); | | |
|  | select \* from devel.request order by create\_time desc;  select \* from devel.orders order by order\_id desc;  select \* from devel.vw\_orders order by create\_time desc;  select \* from devel.vw\_api\_requests order by expiry\_time desc;  select (select count(\*) as request from devel.request) as request,  (select count(\*) as orders from devel.orders) as orders,  (select count(\*) as vw\_orders from devel.vw\_orders) as vw\_orders,  (select count(\*) as vw\_api\_requests from devel.vw\_api\_requests) as vw\_api\_requests; | | |
| **Pass**: All query results contain data; |  | Pass  Fail |
| **Fail**: Query results are empty (zero rows); |
|  | Copy each table/view and paste into the fcrt-baseline.xlsx workbook; Verrify counts against the db counts pulled from the prior instruction; | | |
| **Pass**: All counts equal the results of db query in (vi); |  | Pass  Fail |
| **Fail**: One or more counts do not match db query in (vi); |

|  | Verify Baseline | | | |
| --- | --- | --- | --- | --- |
|  | Save workbook <baseline.xlsx> to ./2.1.1-req-no-expiry/Documents/app-cs-1b-baseline.xlsx; | | | |
|  | npx tsx app > fcrt/2.1-cli-om/2.1.1-req-no-expiry/logs/app-cs-1b-baseline.log | | | |
| **Pass**: Last two ?before=**[#]** are equal; | $ npx tsx app > fcrt/2.1-cli-om/2.1.1-req-no-expiry/logs/app-baseline-1b.log  /api/v1/trade/orders-history?before=1000110431834  /api/v1/trade/orders-history?before=1000110431834  ^C  $ | | Pass  Fail |
| **Fail**: Console error; failure to match; error in logfile; |
|  | Stop the application ( ctrl+c); review logfile for errors; example provided at [app-cs-1b-baseline.log](../logs/app-cs-1b-baseline.log" \o "Found @ ../logs/app-baseline-1b.log); | | | |
|  | select \* from devel.request order by create\_time desc;  select \* from devel.orders order by order\_id desc;  select \* from devel.vw\_orders order by create\_time desc;  select \* from devel.vw\_api\_requests order by expiry\_time desc;  select (select count(\*) as request from devel.request) as request,  (select count(\*) as orders from devel.orders) as orders,  (select count(\*) as vw\_orders from devel.vw\_orders) as vw\_orders,  (select count(\*) as vw\_api\_requests from devel.vw\_api\_requests) as vw\_api\_requests; | | | |
| **Pass**: All query results contain data; |  | | Pass  Fail |
| **Fail**: Query results are empty (zero rows); |
|  | Copy each table/view and paste into the fcrt-baseline.xlsx workbook; Verrify counts against the db counts pulled from the prior instruction; | | | |
| **Pass**: All counts equal the results of db query in (xi); | |  | Pass  Fail |
| **Fail**: One or more counts do not match db query in (xi); | |

|  | Run Comparison and Create Diff Report | | |
| --- | --- | --- | --- |
|  | comp app-cs-1a-baseline app-cs-1b-baseline | | |
| **Pass**: Files are identical |  | Pass  Fail |
| **Fail**: Files have one (1) or more differences; |
|  | save the diff file as app-cs-1b-baseline.diff; Note: there should exist zero diffs; hence, no diff file will be created. | | |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Place CLI Request | | | |
|  | Configure the requests.ts file:   * 1. symbol shall have auto\_status ‘**Enabled**’[[1]](#footnote-0) for the account target in this test;   2. ensure values *position*and *action* are congruent: **[short:sell]** or **[long:buy]**;   3. set out-of-market price at least a minimum of 10%;   4. set *size* and *leverage* values not to exceed margin requirements;   5. save the file; | | //-- Test 1: request w/o expiry; w/o tpsl  export const req\_fcrt\_1a: Partial<IRequest> = {  symbol: "XRP-USDT",  margin\_mode: "cross",  position: "short",  action: "sell",  order\_type: "limit",  price: 3.5,  size: 100,  leverage: 50,  memo: "Test 1: request w/o expiry; w/o tpsl",  }; | |
|  | npx tsx fcrt/2.1-cli-om/2.1.1-req-no-expiry/test/fcrt-cs-2a.ts $account > fcrt/2.1-cli-om/2.1.1-req-no-expiry/logs/fcrt-cs-2a.log | | | |
| **Pass**: Logfile reports ‘*Request submitted*’; | Test 1: Request submitted, check db for results. <Buffer 00 75 8e 5b 86 71> | | Pass  Fail |
| **Fail**: Logfile or console reports error(s); |

|  | Create Response Workbook | | |
| --- | --- | --- | --- |
|  | Save workbook <baseline.xlsx> to ./2.1.1-req-no-expiry/Documents/fcrt-cs-2a.xlsx; | | |
|  | select \* from devel.request order by create\_time desc;  select \* from devel.orders order by order\_id desc;  select \* from devel.vw\_orders order by create\_time desc;  select \* from devel.vw\_api\_requests order by expiry\_time desc;  select (select count(\*) as request from devel.request) as request,  (select count(\*) as orders from devel.orders) as orders,  (select count(\*) as vw\_orders from devel.vw\_orders) as vw\_orders,  (select count(\*) as vw\_api\_requests from devel.vw\_api\_requests) as vw\_api\_requests; | | |
| **Pass**: All query results contain data; |  | Pass  Fail |
| **Fail**: Query results are empty; |
|  | Copy each table/view and paste into the fcrt workbook; save the workbook; | | |
| **Pass**: Counts are equal to results shown in (xviii); |  | Pass  Fail |
| **Fail**: Counts do not match results shown in (xviii); |

|  | Run Comparison and Create Diff Report | | |
| --- | --- | --- | --- |
|  | comp fcrt-cs-2a app-cs-1b-baseline | | |
| **Pass**: No more than (1) change and (3) inserts; |  | Pass  Fail |
| **Fail**: More than (1) change and/or (3) inserts; |
|  | save the diff file as fcrt-cs-2a.diff; | | |

|  | Process Requests | | | |
| --- | --- | --- | --- | --- |
|  | Save workbook <baseline.xlsx> to ./2.1.1-req-no-expiry/Documents/fcrt-cs-2b.xlsx; | | | |
|  | npx tsx app > fcrt/2.1-cli-om/2.1.1-req-no-expiry/logs/app-fcrt-cs-2a.log | | | |
| **Pass**: Last two ?before=**[#]** are equal; | $ npx tsx app > fcrt/2.1-cli-om/2.1.1-req-no-expiry/logs/app-fcrt-cs-2a.log  /api/v1/trade/orders-history?before=1000110517214  /api/v1/trade/orders-history?before=1000110626896  /api/v1/trade/orders-history?before=1000110626896  ^C  $ | | Pass  Fail |
| **Fail**: Console error or failure to match; |
|  | Stop the application ( ctrl+c); review logfile for errors; example provided at [app-cs-2b-baseline.log](../logs/app-fcrt-cs-2a.log" \o "Found @ ../logs/app-baseline-1b.log); | | | |
|  | select \* from devel.request order by create\_time desc;  select \* from devel.orders order by order\_id desc;  select \* from devel.vw\_orders order by create\_time desc;  select \* from devel.vw\_api\_requests order by expiry\_time desc;  select (select count(\*) as request from devel.request) as request,  (select count(\*) as orders from devel.orders) as orders,  (select count(\*) as vw\_orders from devel.vw\_orders) as vw\_orders,  (select count(\*) as vw\_api\_requests from devel.vw\_api\_requests) as vw\_api\_requests; | | | |
| **Pass**: All query results contain data; |  | | Pass  Fail |
| **Fail**: Query results are empty; |
|  | Copy each table/view and paste into the fcrt workbook; | | | |
| **Pass**: All counts equal the results of db query in (xxv); | |  | Pass  Fail |
| **Fail**: One or more counts do not match db query in (xxv); | |
|  | Verify order placement on the Blofin console; | | | |
| **Pass**: Order is open and matches request details; |  | | Pass  Fail |
| **Fail**: Order is not open order details do not match; |

|  | Run Comparison and Create Diff Report | | |
| --- | --- | --- | --- |
|  | comp fcrt-cs-2b fcrt-cs-2a | | |
| **Pass**: Exactly (1) modified counts, (3) changes, and (1) inserts; |  | Pass  Fail |
| **Fail**: Counts do not match above; |
|  | save the diff file as fcrt-cs-2b.diff; | | |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | | Place CLI Cancel Request | | |
|  | | npx tsx fcrt/2.1-cli-om/2.1.1-req-no-expiry/test/fcrt-cs-3a.ts > fcrt/2.1-cli-om/2.1.1-req-no-expiry/logs/fcrt-cs-3a.log | | |
| **Pass**: Logfile reports ‘*Request state from Pending to Canceled*’; | Test 3: Request canceled, check db for results.  {  account: <Buffer 23 33 4e>,  request: <Buffer 00 1e 6b 32 1c aa>,  symbol: ‘XRP-USDT’,  status: 'Canceled',  memo: '[Update]: Request updated successfully'  } | Pass  Fail |
| **Fail**: Logfile or console reports error(s); |
|  | Verify order placement on the Blofin console; | | | |
| **Pass**: Order is open and matches request details; | | | Pass  Fail |
| **Fail**: Order is not open order details do not match; | | |

|  | Create Response Workbook For Cancellations | | | |
| --- | --- | --- | --- | --- |
|  | Save workbook <baseline.xlsx> to ./2.1.1-req-no-expiry/Documents/fcrt-cs-3a.xlsx; | | | |
|  | select \* from devel.request order by create\_time desc;  select \* from devel.orders order by order\_id desc;  select \* from devel.vw\_orders order by create\_time desc;  select \* from devel.vw\_api\_requests order by expiry\_time desc;  select (select count(\*) as request from devel.request) as request,  (select count(\*) as orders from devel.orders) as orders,  (select count(\*) as vw\_orders from devel.vw\_orders) as vw\_orders,  (select count(\*) as vw\_api\_requests from devel.vw\_api\_requests) as vw\_api\_requests; | | | |
| **Pass**: All query results contain data; |  | | Pass  Fail |
| **Fail**: Query results are empty; |
|  | Copy each table/view and paste into the fcrt workbook; save the workbook; | | | |
| **Pass**: All counts equal the results of db query in (xxxii); | |  | Pass  Fail |
| **Fail**: One or more counts do not match db query in (xxxii); | |

|  | Run Comparison and Create Diff Report | | |
| --- | --- | --- | --- |
|  | comp fcrt-cs-3a fcrt-cs-2b | | |
| **Pass**: Three (3) changes shall be shown on all but order tab; |  | Pass  Fail |
| **Fail**: Memo field reports ‘changed from Pending to Canceled’; |
|  | save the diff file as fcrt-cs-3a.diff; | | |

|  | Process Cancellations | | |
| --- | --- | --- | --- |
|  | Save workbook <baseline.xlsx> to ./2.1.1-req-no-expiry/Documents/fcrt-cs-3b.xlsx; | | |
|  | npx tsx app > fcrt/2.1-cli-om/2.1.1-req-no-expiry/logs/app-fcrt-cs-3a.log | | |
| **Pass**: Last two ?before=**[#]** are equal; | $ npx tsx app > fcrt/2.1-cli-om/2.1.1-req-no-expiry/logs/app-fcrt-cs-3b.log  /api/v1/trade/orders-history?before=1000110517214  /api/v1/trade/orders-history?before=1000110626896  /api/v1/trade/orders-history?before=1000110626896  ^C  $ | Pass  Fail |
| **Fail**: Console error; failure to match; error in logfile; |
|  | Stop the application ( ctrl+c); review logfile for errors; example provided at [app-fcrt-cs-3a.log](../logs/app-fcrt-cs-3a.log); | | |
|  | Verify order cancellation on the Blofin console; | | |
| **Pass**: Order with matching details is canceled; |  | Pass  Fail |
| **Fail**: Order with matching details remains open; |
|  | select \* from devel.request order by create\_time desc;  select \* from devel.orders order by order\_id desc;  select \* from devel.vw\_orders order by create\_time desc;  select \* from devel.vw\_api\_requests order by expiry\_time desc;  select (select count(\*) as request from devel.request) as request,  (select count(\*) as orders from devel.orders) as orders,  (select count(\*) as vw\_orders from devel.vw\_orders) as vw\_orders,  (select count(\*) as vw\_api\_requests from devel.vw\_api\_requests) as vw\_api\_requests; | | |
| **Pass**: All query results contain data; |  | Pass  Fail |
| **Fail**: Query results are empty; |
|  | Copy each table/view and paste into the fcrt workbook; | | |
| **Pass**: All sheets contain exactly the same # of rows; |  | Pass  Fail |
| **Fail**: Not all sheets have exactly the same # of rows; |

|  | Run Comparison and Create Diff Report | | |
| --- | --- | --- | --- |
|  | comp fcrt-cs-3b fcrt-cs-3a | | |
| **Pass**: Both order and request status show ‘Closed’; |  | Pass  Fail |
| **Fail**: Either the order or request statuses are not ‘Closed’; |
|  | save the diff file as fcrt-cs-3b.diff; | | |

1. **Enabled Instruments**: select \* from devel.vw\_auth\_trade\_instruments vati where vati.auto\_status = 'Enabled'; [↑](#footnote-ref-0)