### Request without expiry

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|  | Quiesce the Application | | |
|  | ps -ef|grep -vE "firefox|browse|brave|root|NX|grep|\?"|grep -E "node|npm|tsx|mjs|ipc">ps-ef.log  ls -l ps-ef.log && cat ps-ef.log | | |
| **Pass**: Logfile is empty; | $ ls -l ps-ef.log && cat ps-ef.log  $ | Pass  Fail |
| **Fail**: Logfile contains output; |

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

|  | Create Baseline Workbook | | |
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|  | Save workbook baseline.xlsx (right) to ./2.1.2-req-expiry/Documents/fcrt-baseline.xlsx; | |  |
|  | npx tsx app > fcrt/2.1-cli-om/2.1.1-req-no-expiry/logs/app-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; an error-free example is provided in the app-baseline.docx (right); | |  |
|  | select \* from blofin.request order by request;  select \* from blofin.orders order by request;  select \* from blofin.vw\_requests order by request;  select \* from blofin.vw\_orders order by request;  select \* from blofin.vw\_api\_requests order by clientOrderId;  select (select count(\*) from request) as request,  (select count(\*) from orders) as orders,  (select count(\*) from vw\_requests) as vw\_requests,  (select count(\*) from vw\_orders) as vw\_orders,  (select count(\*) from 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 sheets contain exactly the same # of rows; |  | Pass  Fail |
| **Fail**: Not all sheets have exactly the same # of rows; |

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|  | | Place CLI Request | | | | | |
|  | | Configure the requests.ts file:   * 1. symbol shall be in trade\_status ‘**Enabled’**;   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-1a.ts > fcrt/2.1-cli-om/2.1.1-req-no-expiry/logs/fcrt-cs-1a.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 (right) to ./2.1.1-req-no-expiry/Documents/fcrt-cs-1a.xlsx; | | | | | |  | |
|  | | select \* from blofin.request order by request;  select \* from blofin.orders order by request;  select \* from blofin.vw\_requests order by request;  select \* from blofin.vw\_orders order by request;  select \* from blofin.vw\_api\_requests order by clientOrderId;  select (select count(\*) from request) as request,  (select count(\*) from orders) as orders,  (select count(\*) from vw\_requests) as vw\_requests,  (select count(\*) from vw\_orders) as vw\_orders,  (select count(\*) from 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**: %*request%* tables/views shall have +1 row; | | |  | | | Pass  Fail | |
| **Fail**: All sheets have exactly the same # of rows; | | |

|  | Run Comparison and Create Diff Report | | |
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|  | comp fcrt-cs-1a fcrt-baseline | | |
| **Pass**: %*request%* tables/views shall have +1 row; |  | Pass  Fail |
| **Fail**: All sheets have exactly the same # of rows; |
|  | save the diff file as fcrt-cs-1a.diff; | | |

|  | Process Requests | | |
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|  | Save workbook baseline.xlsx (right) to ./2.1.1-req-no-expiry/Documents/fcrt-cs-1b.xlsx; | |  |
|  | npx tsx app > fcrt/2.1-cli-om/2.1.1-req-no-expiry/logs/app-fcrt-cs-1a.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-1a.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; | |  |
|  | select \* from blofin.request order by request;  select \* from blofin.orders order by request;  select \* from blofin.vw\_requests order by request;  select \* from blofin.vw\_orders order by request;  select \* from blofin.vw\_api\_requests order by clientOrderId;  select (select count(\*) from request) as request,  (select count(\*) from orders) as orders,  (select count(\*) from vw\_requests) as vw\_requests,  (select count(\*) from vw\_orders) as vw\_orders,  (select count(\*) from 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; |
|  | 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 | | |
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|  | comp fcrt-cs-1b fcrt-cs-1a | | |
| **Pass**: %*orders%* tables/views shall have +1 row; |  | Pass  Fail |
| **Fail**: All sheets **do not** have exactly the same # of rows; |
|  | save the diff file as fcrt-cs-1b.diff; | | |

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|  | Place CLI Cancel Request | | | | |
|  | npx tsx fcrt/2.1-cli-om/2.1.1-req-no-expiry/test/fcrt-cs-2a.ts > fcrt/2.1-cli-om/2.1.1-req-no-expiry/logs/fcrt-cs-2a.log | | | | |
| **Pass**: Logfile reports ‘*Request state from Pending to Canceled*’; | | Test 2: 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); | |
|  | Create Response Workbook For Cancellations | | | | | |
|  | Save workbook baseline.xlsx (right) to ./2.1.1-req-no-expiry/Documents/fcrt-cs-2a.xlsx; | | | |  | |
|  | select \* from blofin.request order by request;  select \* from blofin.orders order by request;  select \* from blofin.vw\_requests order by request;  select \* from blofin.vw\_orders order by request;  select \* from blofin.vw\_api\_requests order by clientOrderId;  select (select count(\*) from request) as request,  (select count(\*) from orders) as orders,  (select count(\*) from vw\_requests) as vw\_requests,  (select count(\*) from vw\_orders) as vw\_orders,  (select count(\*) from 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 sheets have exactly the same # of rows; |  | | | Pass  Fail | |
| **Fail**: Sheets have differing # of rows; |

|  | Run Comparison and Create Diff Report | | |
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|  | comp fcrt-cs-2a fcrt-cs-1b | | |
| **Pass**: Four (4) changes shall be shown; all but the order table; |  | Pass  Fail |
| **Fail**: Changes shown lack ‘changed from Pending to Canceled’; |
|  | save the diff file as fcrt-cs-2a.diff; | | |

|  | Process Cancellations | | |
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|  | Save workbook baseline.xlsx (right) 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-2b.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-1a.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; | |  |
|  | select \* from blofin.request order by request;  select \* from blofin.orders order by request;  select \* from blofin.vw\_requests order by request;  select \* from blofin.vw\_orders order by request;  select \* from blofin.vw\_api\_requests order by clientOrderId;  select (select count(\*) from request) as request,  (select count(\*) from orders) as orders,  (select count(\*) from vw\_requests) as vw\_requests,  (select count(\*) from vw\_orders) as vw\_orders,  (select count(\*) from 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; |
|  | Verify order cancellation on the Blofin console; | | |
| **Pass**: Order with matching details is canceled; |  | Pass  Fail |
| **Fail**: Order with matching details remains open; |

|  | Run Comparison and Create Diff Report | | |
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|  | comp fcrt-cs-2b fcrt-cs-2a | | |
| **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-2b.diff; | | |