An HKEX Company

LMEtrader User Setup Guide for LMEselect 10

Please respond to:

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Contents

Document History

Version	Date	Change Description
1.1	12/03/2024	Updated release
2.0	31/01/2025	Updated for Go-Live

1 Overview and Key Information

This document provides a step-by-step guide for Member Administrators to help them define and manage the LMEtrader Account structure. The guide includes information on assigning Users and managing Accounts, Connections and the Risk Management function.

1.1 Contact Information

Company	Phone	Email
TT Onboarding Team	N/A	onboarding@trade.tt
TT Support	(020) 7929 6161	N/A
LME Trading Operations	(020) 7113 8200	tradingoperations@lme.com

1.2 Onboarding Process and Task Ownership

LMEtrader and LMEptrm are owned and managed by Trading Technologies (TT). The TT Onboarding Team is responsible for setting up the Member Company and the initial Company Member Admin. The Member Admin's email address should be communicated to TT Onboarding by the Member. The Member Admin user will then receive an invitation to the Member Company. Once this has been accepted, the Member Admin will be able to setup their account structure and manage users.

The following table provides an overview of the functions and responsibilities:

Function	TT Onboarding	Company Member Admin	LME Trading Operations
Create Member Admin User (initial User)	✓		
Create Parent Accounts and Sub-Accounts		✓	
Create Order Entry Member Connection		✓	
Assign Connection to an Account		✓	
Create Admin/Trading Users		✓	
Assign Member Admin/Trading users to Accounts		✓	
Create User Groups and add Users to the User Groups (optional)		✓	
Create Order Tag Default (OTD) profiles (optional)		✓	
Create Member Risk Admin User / LMEptrm Account and Connection			✓

Function	TT Onboarding	Company Member Admin	LME Trading Operations
Create Risk Groups and End Clients, set PTRM limits		✓ (Member Risk Admin in LME Company)	

1.3 LMEtrader Trade and Setup App Links

Application	UAT Link	Prod Link
Setup/Admin App	https://setup-uat.trade.tt/ext-uat-cert?idp=lme#company/	https://setup.trade.tt/ext-prod-live?idp=lme
Trade App	https://lme-uat.trade.tt/workspaces/latest	https://lme.trade.tt

2 LMEtrader v10 UAT and Production Onboarding

A significant difference between v9 (UAT and PROD) and v10 (updated UAT and PROD) is that in v10, rather than users/accounts/connections residing under the LME Company, each Member Firm will have their own unique company. Email addresses can only reside in one company at a time, see the following:

2.1 Admin or Trading Users who have not been onboarded to LMEtrader v9 or v10

Contact the TT Onboarding Team for initial Member Admin setup.

Provide the email address of Member Admin to be onboarded.

2.2 Existing Admin or Trading Users onboarded to LMEtrader v9 UAT or v9 PROD

Users who have onboarded with their primary email address will need to do one of the following:

Contact TT Onboarding to have the current user ‘retired,’ and then invited to the Member Company. Onboarding can assist in cloning the existing user so settings remain intact.

Impact: Users will no longer be able to log into LMEtrader v9 UAT or PROD and will have no access to User Setup screens. Customers who wish to screenshot or otherwise document their current settings should do this *prior to* the retirement of their User.

Or:

Users can provide a proxy email address. This will allow customers to log into both LMEtrader v9 (UAT or PROD) and LMEtrader v10 (UAT or PROD). It is recommended that Users update their LMEtrader v9 User with the proxy email address, so a primary email address can be used in LMEtrader v10. When Select/LMEtrader v9 is decommissioned, the proxy email address will no longer be needed.

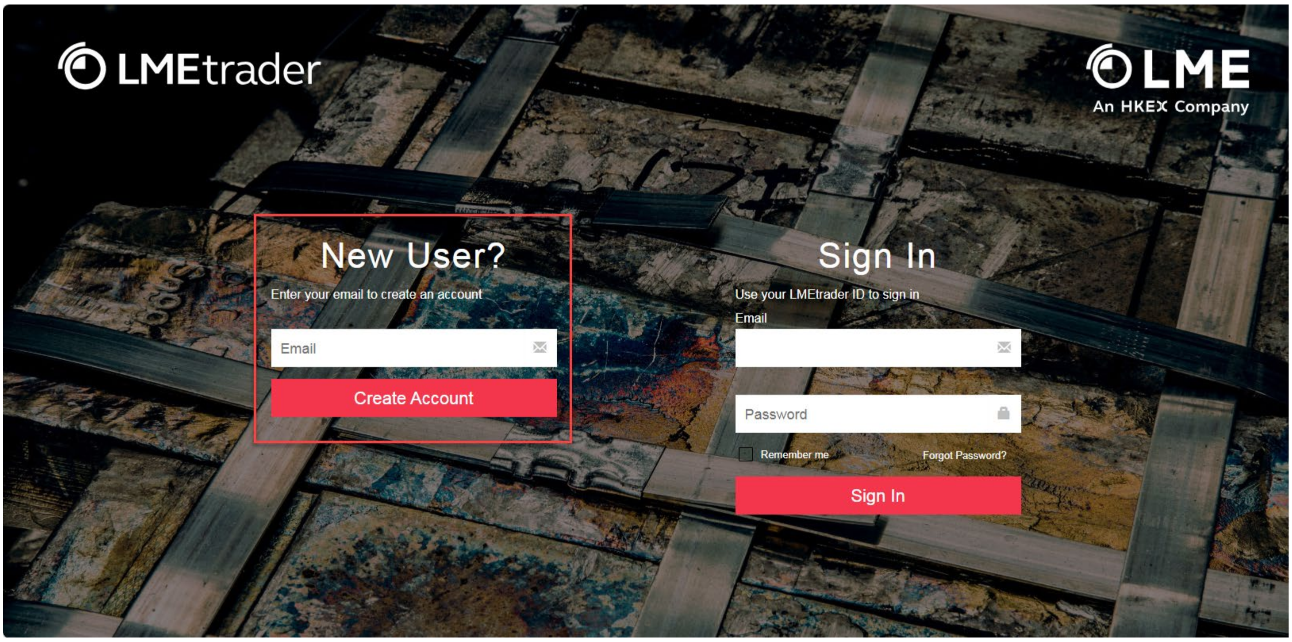
2.3 LMEptrm v10 UAT and Production Onboarding Steps

LMEptrm Users, for the initial go-live, will remain part of the parent LME Company. Risk Admin Users will be part of the LME Company, while LMEtrader Admin and Trader Users will be part of the Member’s unique company. Refer to LMEptrm Member Risk Admin Setup for details.

3 Logging into LMEtrader

3.1 Initial Login Process

1. TT will send an invitation for LMEtrader. Click 'Get Started' in the email to login.
2. In the New User section of the LMEtrader login screen, enter your email address and click **Create Account**. This must be the same email address that was provided to TT Onboarding and the address which received the invitation.



3. Complete the account creation form and click **Create Account**. After creating an account, you will receive an email requesting you to "Confirm Email".
4. In the registration email you received, click **Confirm Email**.

Note: An email address can only be used for one User/Login for LMEtrader. If you already have an account registered with the current email, see LMEtrader v10 UAT and Production Onboarding for more information.

5. Read and accept the service agreement and you will be directed to the Trade App.
6. If logging in as a Member Admin User, launch the Setup App via the link provided in LMEtrader Trade & Setup App Links.

Note: When logging into LMEtrader, your account will lock out after 5 incorrect attempts. If this occurs, please wait 15 minutes until you make another attempt.

All Users should log out of LMEtrader and LMEptrm each night to avoid any cache-related issues.

4 Member Admin Responsibilities/Tasks

Member Admins should follow the steps in the given order for user access to LMEtrader:

4.1 Step 1: Account Creation

The LMEtrader Account Structure provides flexibility where a Member Admin higher up in the hierarchy can manage their account and subsequent sub accounts.

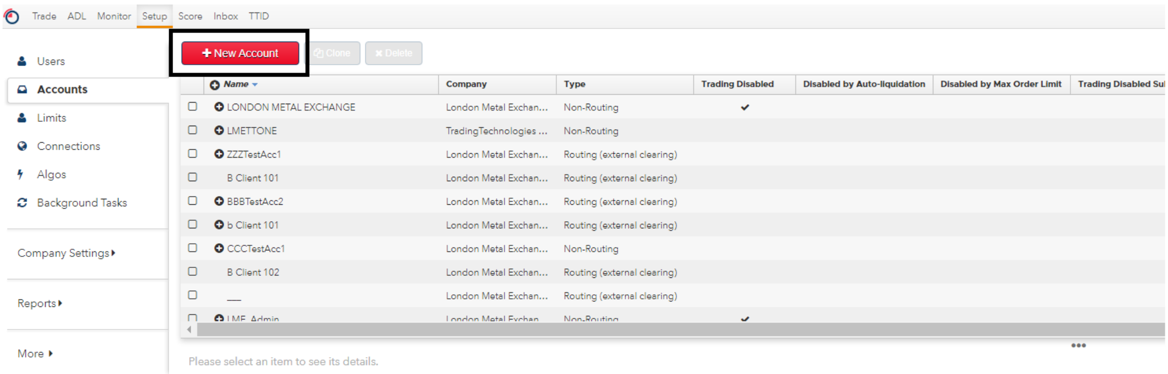
Refer to the TT Help Library for more information:

https://library.tradingtechnologies.com/user-setup/ac-accounts-and-sub-accounts.html

https://library.tradingtechnologies.com/user-setup/ac-accounts-and-sub-accounts.html#tiered-risk

Conceptually within LMEtrader a member should be thought of as an account.

1. Login to the LMEtrader Setup App (as a Member Admin user) and select **Accounts** on the navigation pane.
2. Click **+New Account**.

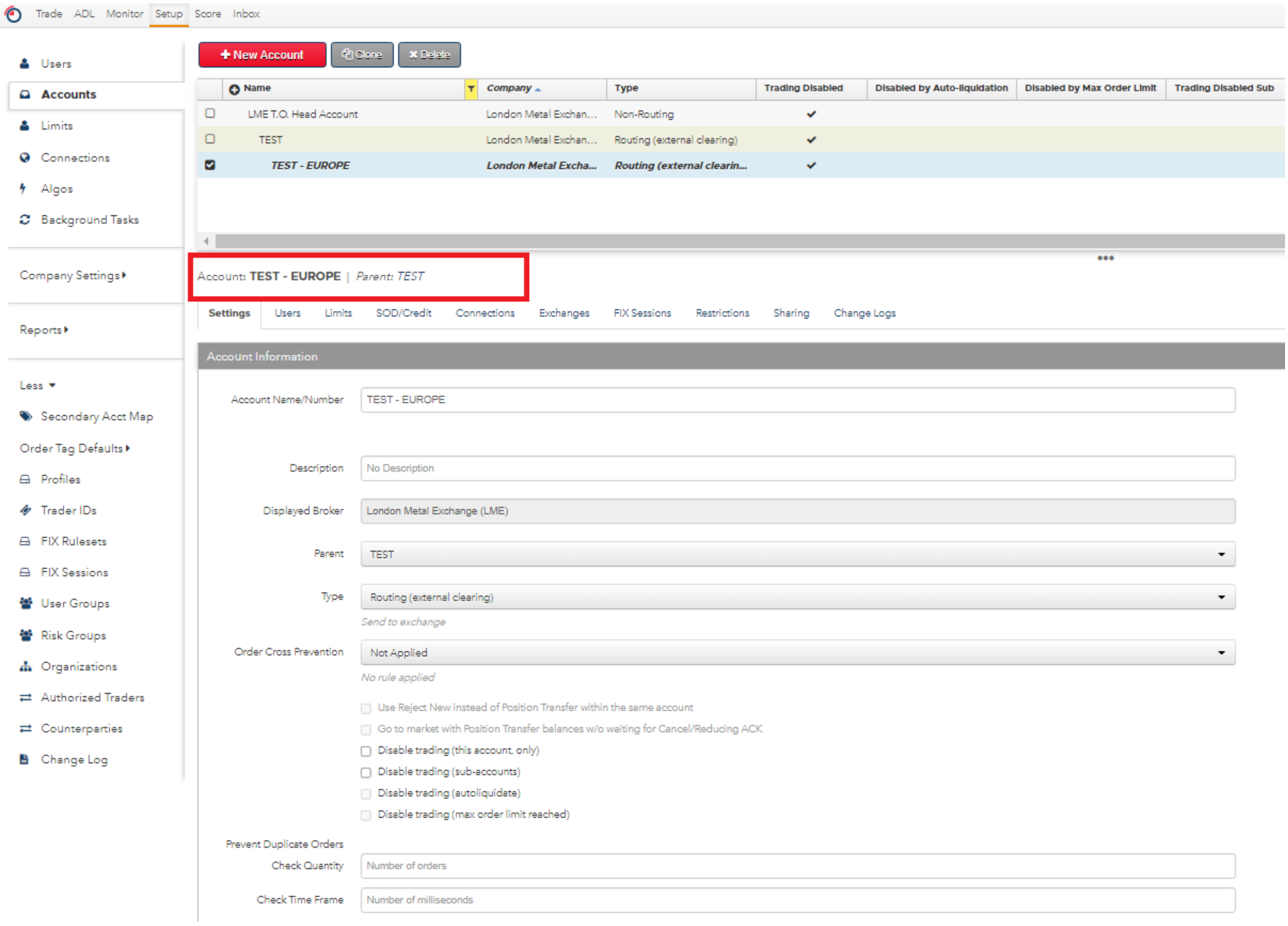


3. Enter the Account Information in the following fields:

Mandatory Fields	Description
Account Name/Number	Account Name
Parent	Parent Account
Type	Routing behaviour for the account: • Routing (external routing) - Defines the parent account as the clearing account sent to the exchange on all orders. • Routing (internal sub-account) - Defines the account as a sub-account that is not routed to the exchange. This allows you to assign the user to an internal account for routing and risk purposes, even though a parent account will be sent to the exchange as the actual clearing or omnibus account. • Non Routing - Not sent to the exchange. Recorded internally and can be used for back office purposes For more information, see https://library.tradingtechnologies.com/user-setup/ac-creating-a-new-account.html

Mandatory Fields	Description
Order cross prevention	Leave as 'Not Applied'. Not applicable to LME
Disable Trading checkbox	Select whether users should be allowed/disallowed to trade on this account
Check Quantity And Check Time Frame	Not applicable for LME Users
Order Management System (OMS) Settings	Not applicable for LME Users

4. Click **Create**.



5. Populate the various tabs:

Tabs	Description
Users	See [Assign Users to an Account](). On the Users tab, you can view and configure all authorised users of an account who trade, as well as you can assign and remove account access to one or more users. Orders can be submitted using a single account but a user can be assigned to multiple accounts. **Note**: If two users are assigned to the same account, both users can view all order activity in that account.

Tabs	Description
Limits	LMEtrader-specific limits applied at the GUI level. These are different than the PTRM limits managed by Risk Admins. For more information, see https://library.tradingtechnologies.com/user-setup/rl-account-position-limits.html
SOD/Credit	Deselect 'Create start-of-day (SOD) records'. Credit limits will be set by PTRM Admins.
Connections	See Add Connection and Assign Connection to Account
Exchanges	Select 'LME_NTP'
FIX Sessions	Not Applicable
Restrictions	See Applying Account Restrictions **Note**: Some order types will be restricted at the Parent level as these are not supported by the Exchange. For example, TT Premium Order Types
Change Logs	No Input Required

4.1.1 Apply Account Restrictions

Member Admins can use the Restrictions tab to restrict whether users can manually update positions on the account or use the account to submit certain order types.

1. Select **Accounts** on the navigation pane and select an account in the data grid.
2. Select the **Restrictions** tab and in the General section, select the Apply Restrictions checkbox. These apply to both the account and the sub-account. By default, restriction options are set to Deny.
3. Select Allow on the following restrictions:

    - Modify Orders
    - Submit Native Orders
    - GTC/GTDate
    - Mobile
    - Update positions (e.g. create manual fills)
    - Confirm Fills
    - Modify clearing account on fills.

The following permissions and order types should be restricted at Parent level as these are not supported by LME:

- Block/Cross Orders
- Market, Auto spreader, Aggregator, TT Algo SDK, ADL, ADL Algo Approval Required, Mobile
- TT Premium Order Types
- TT Synthetic Order Types (except TT Iceberg)
- Modify clearing account on working orders (ASX only).

4.2 Step 2: User Creation

Only Member Admins can create and invite new users to LMEtrader and LMEptrm.

1. Login as a Member Admin.
2. Select **Users** on the navigation pane and click +**New User**.
3. On the New User dialog box, select **Yes** and click **Continue**.
4. Enter the user profile in the **Identification** and **Contact Information** sections.

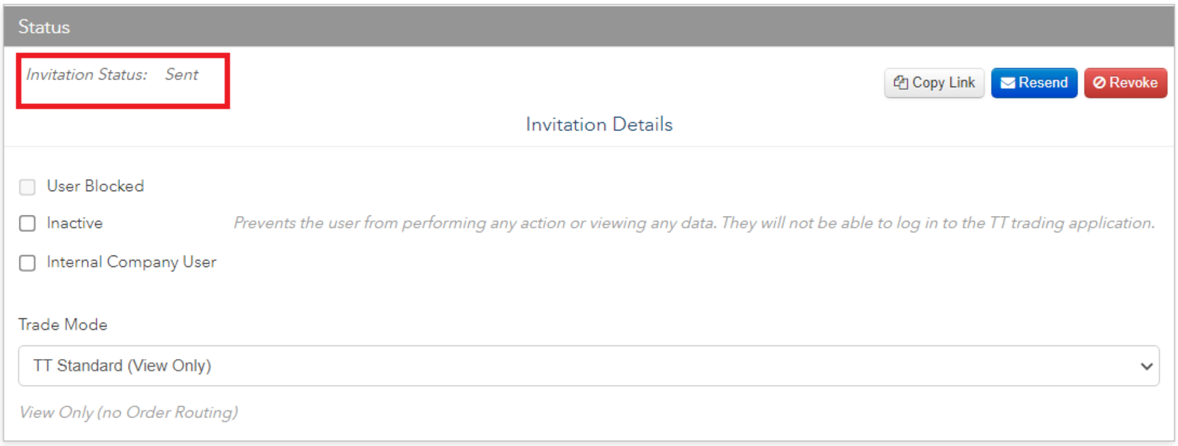
In the **Status** section, the default Trade Mode will be selected as TT Standard (View Only). The trade modes allow the Member Admin to control which professional Trade application features are accessible to a user on the TT platform. Refer to User Roles and Permissions for the Trade Mode appropriate for different User Roles.

Advanced Settings, Company Relationships and TT Order Management System are **out of scope for LME** and hence no input is required here.

Trade Modes	Description
TT Standard	Enables order routing using the basic Trade app functionality without use of any professional features.
TT Pro	Enables use of the following professional Trade app features: • Autospreader® • Autotrader™ • Rule Builder • Algo Dashboard • ADL • Aggregator • TTAPI SDK **Note**: When you select the Professional trade mode for an active user, the user is billed at a higher rate for the month in which this mode is enabled. This is out of scope for LME users.
TT Standard (View Only)	Enables access to professional features but prevents order routing using these features. This is the default setting for new users.

Member Admins can then use the **Status** section to send an invitation via email or to view the user's invitation status. To send an invitation the Email field must be populated in the Identification section.

5. In the Status section, click **Send Invitation**.



6. Verify the **Invitation Status** in the Status section. The status should show ‘Sent’.

If the status is one of the following, click **Invitation Details** to troubleshoot and resend the invitation:

- **Sending failed** — the invitation could not be sent from LMEtrader
- **Delivery failed** — the invitation could not be delivered to the user's email.

The following options are available:

Options	Description
Copy Link	Copy the invitation acceptance link that was previously sent to a provisional user. You can then distribute the link to the user via an alternative method outside of the invitation process.
Resend	Resends the same invitation link to a provisional user. An invitation will automatically expire after 60 days
Revoke	Revokes the provisional user's invitation. A message is sent to the user's email address in the Identification section.

4.2.1 Suggested User Roles and Permissions

Based on the User Role, a Member Admin will grant the necessary permissions for users. The table below shows some examples of User Roles and Permissions, however settings can be customised.

Role	Settings		Permissions			Exchanges (LME_NTP)
Role	**Trade Mode**	**LMEptrm Permissions**	**Admin Permissions**	**Trade Permissions**	**Order Permissions**	**Subscriber Market Data Permissions**
Company Member Admin (MA)	TT Standard (View Only)	Not Set	Admin (Full Admin Access Level)	Trading Disabled	None	Deny/Sessions = 0
Member Trading Admin (TA)	TT Standard (View Only)	Not Set	Admin (Full Admin Access Level)	Trading Disabled	None	Deny/Sessions = 0
Trader (GT)	TT Standard	Not Set	None (User Access Level)	Trading Enabled	Delete Orders Modify Orders Submit Native Orders GTC/GTDate TT Synthetic Order Types TT Iceberg	Allow/Sessions = 1
Trading Supervisor (GS)	TT Standard	Not Set	None (User Access Level)	Trading Disabled	Delete Orders	Allow/Sessions = 1
Back Office (GB)	TT Standard (View Only)	Not Set	None (User Access Level)	Trading Disabled	None	Allow/Sessions = 1

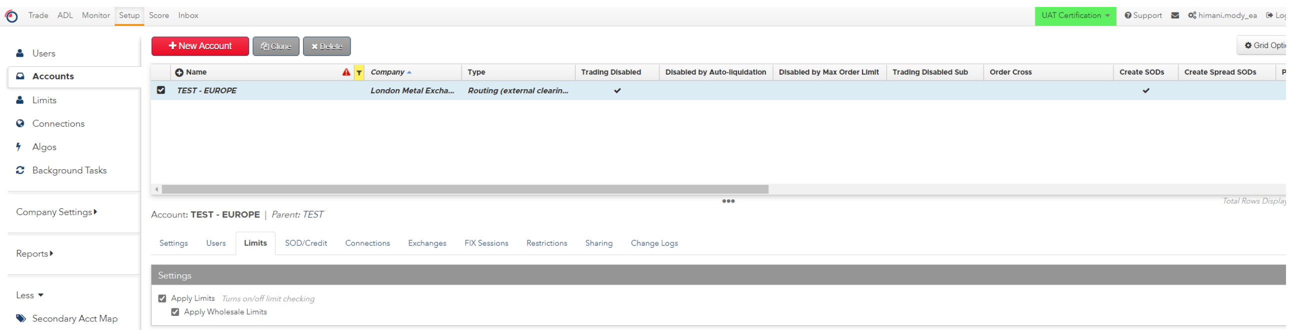
The following permissions/order types/settings are out of scope or not applicable for LMEtrader/LMEselect 10 and the checkboxes should remain unselected:

- Submit Staged Orders
- Manage Own Staged Orders
- Manage Staged Orders without Claiming
- Manage Own Staged Orders
- Manage Orders Staged by Others, Submit Staged Orders
- Modify clearing account on working orders (ASX only) is not in scope as this applies to the Australian Securities Exchange.
- Market – This order types includes Market, Market If Touched or Market-To-Limit
- Mobile
- TT Premium Order Types
- Autospreader – Determines whether the user can deploy synthetic spread strategies to an Autospreader SE server.
- Aggregator - Determines whether the user can submit orders for aggregated instruments.
- TT Algo SDK - Determines whether the user can deploy TT Algo SDK strategies to Algo SE servers.
- ADL - Determines whether the user can deploy strategies to Algo SE servers. Includes ADL algos, TT Synthetic algos, and Autotrader.
- Require AutoRFQ for Cross trades — When selected for a user or an account, this setting forces an RFQ prior to submitting a cross trade. Only a company administrator can enable this setting for a user/account in their company.
- Staged Order Risk Check
    - At Execution — Risk checking is applied to the staged order account when related child orders are executed.
    - Upon Claim — Risk checking is applied to the account when the staged order is claimed.

4.3 Step 3: Assign Local Limits to a User or Account

Company Member Admins and Risk Admins can set price, quantity and position limits for Accounts or Users using the Limits tab. This is not required.

1. Select **Accounts** on the navigation pane and select an account in the data grid.
2. Select the **Limits** tab.
3. In the Settings section, select the Apply Limits checkbox to enable limit checking for the account or user.



Note: If Apply Limits is selected, you must define product or contract limits for each product or contract that the user, parent account or child account is allowed to trade.

Note: Wholesale Limits do not apply to LME users or accounts.

4. In the Limits section either click **+Add** to create a new risk limit or select an existing limit.

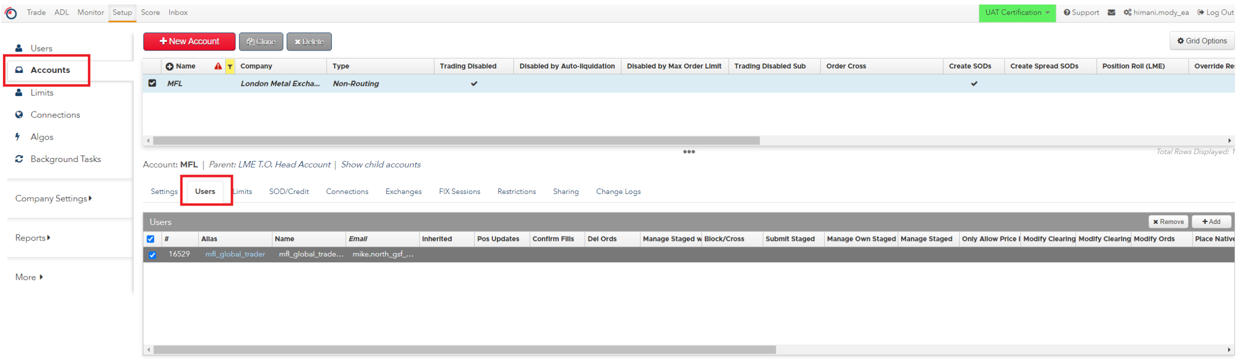
If you select an existing limit, click **Copy** to copy product limits within the selected user's or account's limit tab.

If you click **+Add** to create a new risk limit, select the Exchange, Product Family, Product Type, Product, and/or Contract in the New Limit screen and click **Add**. By default, the risk limit will apply to all exchanges, product families, product types, products and contracts.

For more information, see https://library.tradingtechnologies.com/user-setup/rl-account-position-limits.html

4.4 Step 4: Assign Users to an Account

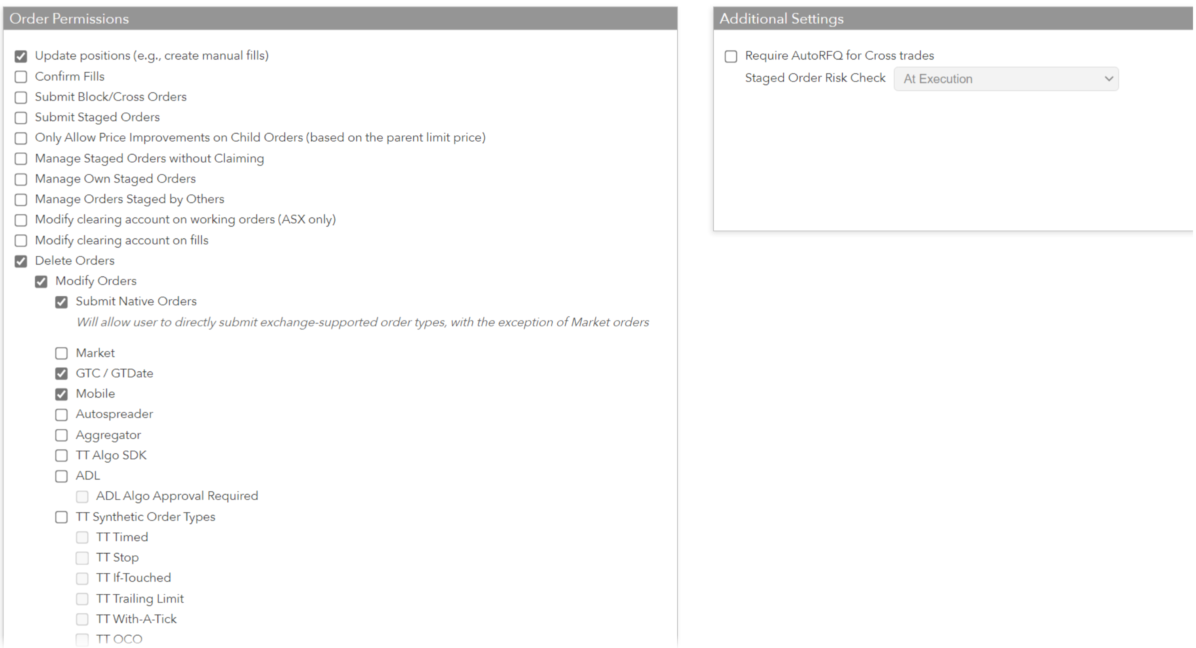
1. Select **Accounts** on the navigation pane and select an account in the data grid.



2. On the **Users** tab, click +**Add** and on the list of users, click **Select** to assign a user to the account.

The Order Permissions and Additional Settings sections are displayed for the selected user.

3. By default, the checkboxes in Order Permissions and Additional Settings are unselected. Select the checkboxes as shown below in Order Permissions.



Note: If a user is assigned to a parent account, then that user is also assigned to all child accounts and inherits the same user permissions assigned to a parent account.

If an account name is listed in the inherited column, it indicates that the user assignment and permissions for the selected account were "inherited" from this parent account.

More information on the checkboxes in Order Permissions, see https://library.tradingtechnologies.com/user-setup/ac-assigning-a-user-to-an-account.html

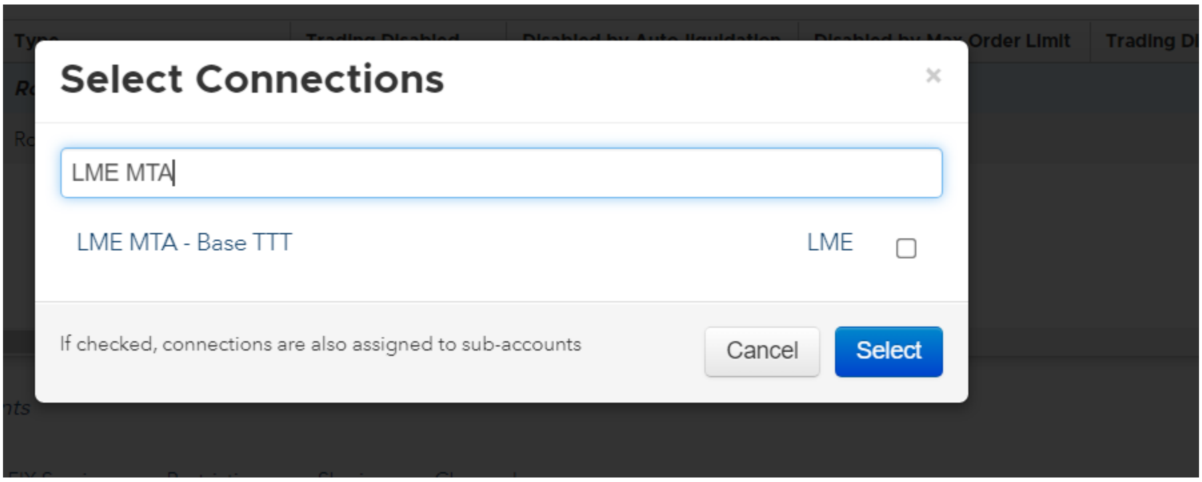
4.5 Step 5: Add Connection and Assign Connection to an Account

The Connections tab is used to create and manage LME connections (FIX sessions) for routing orders per account. The LME connections must be assigned to an account as a part of configuring the connection. Multiple accounts can be assigned to the same connection.

Company Member Admins will create the connection and assign it to the parent account. Available connections for an account can be viewed by selecting the account and the Connections tab.

Every account should be assigned to only one connection. A connection can have multiple accounts assigned but not vice versa.

1. Select **Accounts** on the navigation pane and select the account in the data grid.
2. Select the **Connections** tab.
3. Click **+Add** and select the required connection.



4. Click **Save Changes**.

Note: If a Connection is added to the parent account, it is inherited across all child accounts.

4.6 Step 6: Order Tag Default and Profile Creation

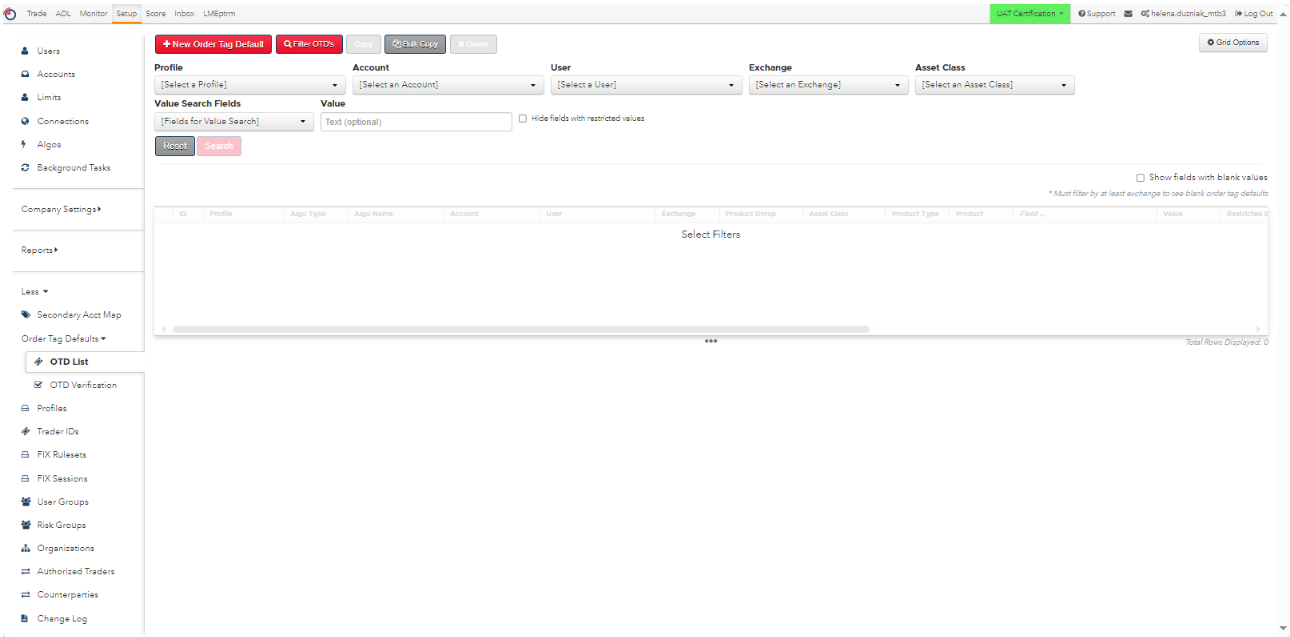
The Order Tag Default management allows Member Admins to view and configure unique order tag default parameters. Users can then apply these tags to all orders based on the key fields populated during OTD creation:

- Profile
- Algo Type (out of scope)
- Account, User
- Exchange
- Product Group

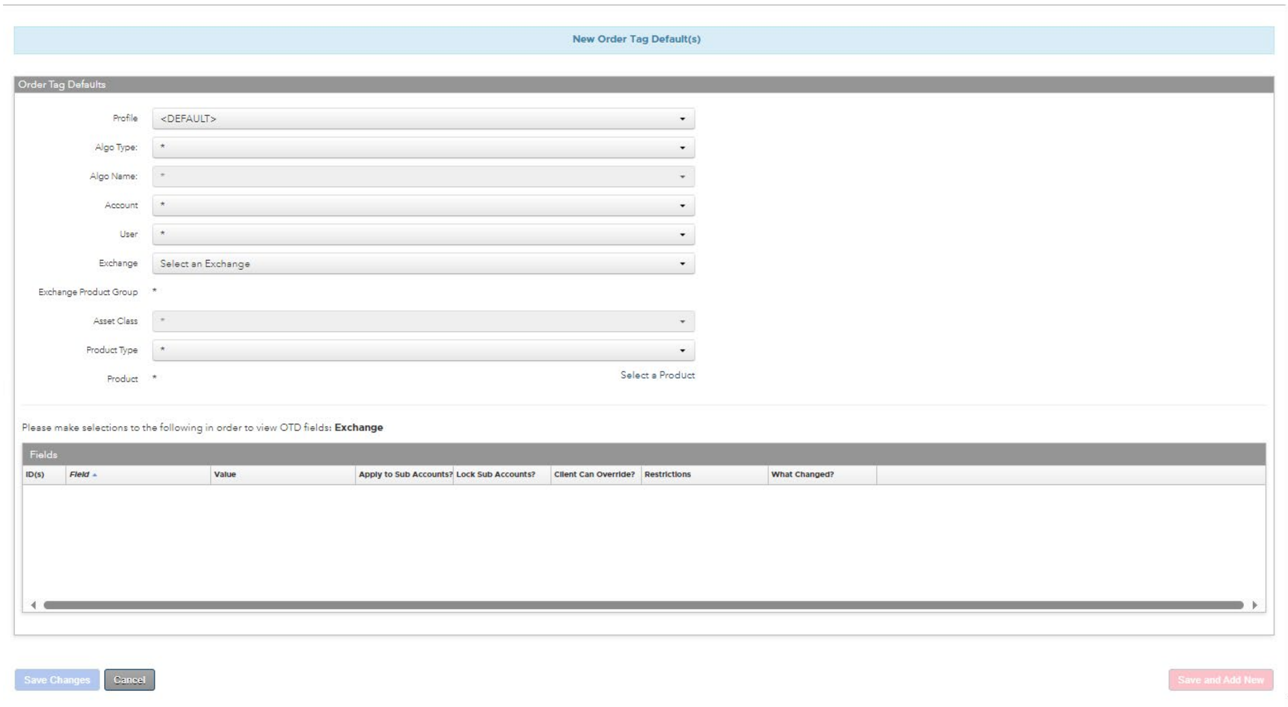
- Product Type
- Product.

When creating a profile for LME, all user and account configurable fields are displayed and can be configured at the same time.

1. Select **More** on the navigation pane.
2. Select **Order Tag Defaults** followed by **OTD List**.



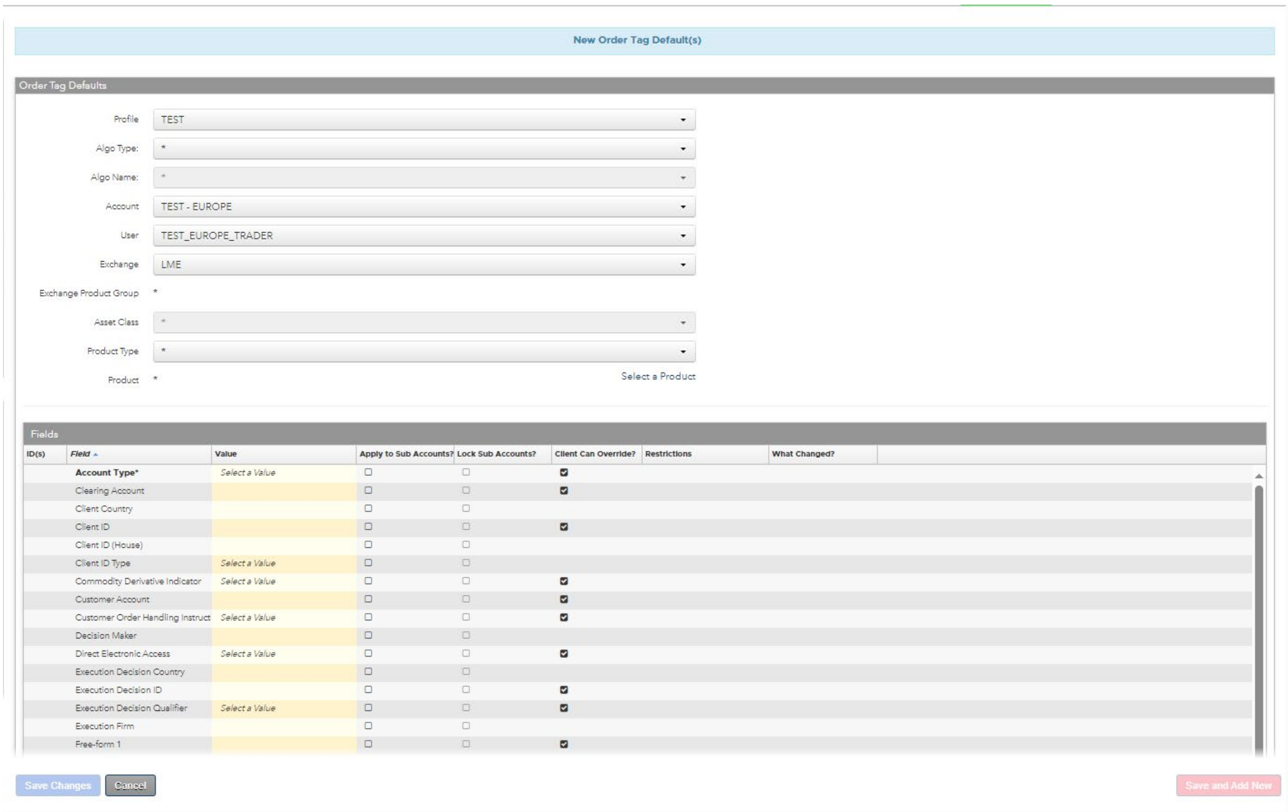
3. Click **+ New Order Tag Default**.



4. Complete the following fields:

Field	Description
Profile	Select the Profile name available in the drop down. Selecting <Add New> in the drop-down will not allow the OTD Sharing functionality available for Member Admins. Each profile is a set of order tag defaults. Company Member Admins can share OTD profiles created by different Member Admins.
Algo Type	Leave the field populated with default value i.e. “*” **Note**: Algo Type is not applicable to LME users
Algo Name	Leave the field populated with default value i.e. “*” **Note**: Algo Type is not applicable to LME users
Account	Select an account All accounts available in the company are displayed.
User	Select Trading User All users who accepted an "invitation" to your company are listed. Users shared with your company are not listed.
Exchange	Select ‘LME_NTP’ This field populates automatically if a specific product is selected in the Product field.
Exchange Product Group	This is defaulted to “*” by Exchange The list of product groups varies by exchange. The default setting is "*" for all product groups. This field populates automatically if a specific product is selected in the Product field.
Asset Class	Not applicable to LME users
Product Type	Select Product Type e.g. Futures
Product	Select Product e.g. “*” for all products When a product is selected, the product name is displayed as well as an option to select "All" products.

5. In the Fields section, select the fields to be added to the profile and populate with values:



Refer to https://library.tradingtechnologies.com/user-setup/lme-ntp-adding-an-account.html and https://library.tradingtechnologies.com/user-setup/lme-ntp-configuring-user-access.html for more information on the user and account fields. See below for the list of mandatory fields required for order entry.

4.6.1 Mandatory User/Account Fields

Member Admins are responsible for populating the following mandatory order tag default parameters to enable successful trade bookings in LMEtrader:

Field Name	Field Format
Account Type	Select from dropdown
Broker Client ID	String (<=16)
Direct Electronic Access	Select from dropdown
Execution Decision ID	Int (8 bytes)
Order Capacity	Select from dropdown
Commodity Derivative Indicator	Select from dropdown
Order Origination Trader	String (<=40)

5 LMEptrm Member Risk Admin Setup

LMEptrm Risk Users will still be managed by LME Trading Operations under the LME Company.

There will be an interim setup for LMEptrm from Go-Live until a specified time targeted for Summer 2025 in which LMEptrm will be configured with one LME Company. Member companies will be configured as a sub-account, as configured in LMEtrader v9. Exchange Admins at the LME will be setting up Member Risk Admin Users.

This will have no impact on Member Risk Admin ability to access LMEptrm and set limits as required. The only limitation will be that Member Risk Admins will only be able to log into the LME Company with the email used and will not be able to use the same email to log into LMEtrader to look at user-based risk settings or account settings. The Company Member Admin in the new Member Company in LMEtrader will be able to set Broker Client ID in account settings/OTDs as required. These values will need to be communicated to the Company Member Admin by the Member Risk Admin, as neither will have access to each other's Company.

5.1 Member Risk Admin (RA) Setup

Member Risk Admin email address should be sent to LME Trading Operations via the LMEprtm New User Form.

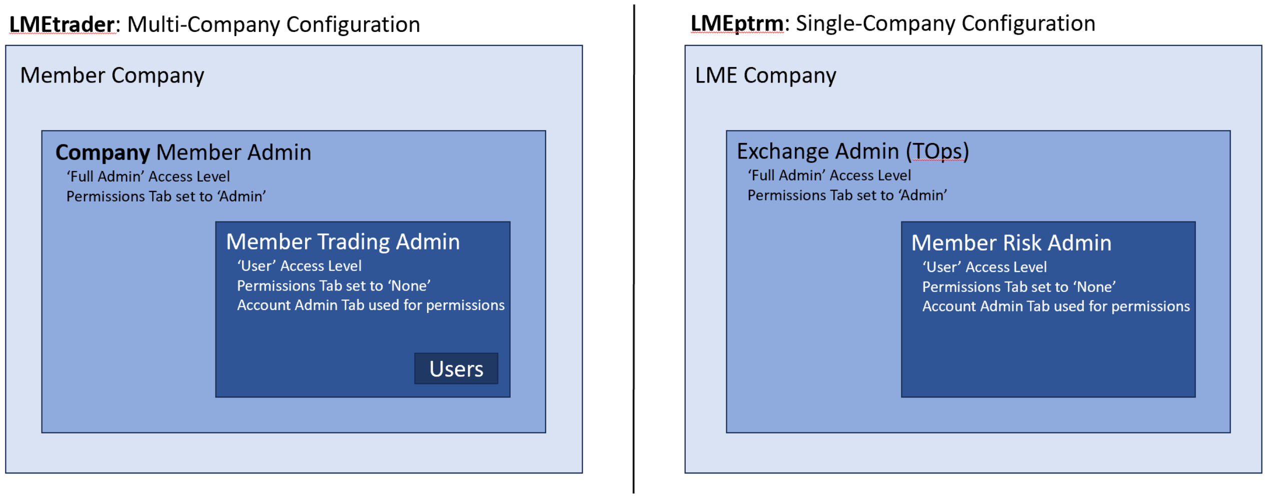
Trading Operations will perform the following steps:

1. Create the User in the LME Company.
2. Ensure the User is added to the Account representing the correct Member Firm. No additional information will be needed, as the account parameters do not need to be populated.
3. Create the Connection, using the LMEptrm credentials (CompID, password and contact email) requested by the Member and add the account to the connection.

Member Risk Admins will then perform the following steps:

4. Create Risk Groups and End Clients as needed and set the required limits.
5. Communicate the End Client names to a Company Member Admin in the LMEtrader Member Company so End Clients can be mapped to Broker Client ID.

The diagram below shows how LMEtrader and LMEptrm configurations will be different for the Go-Live and interim period:



Appendix A: Permissions per User Role

A.1 LMEtrader Company Member Admin (MA)

1. On the Settings tab in the **Status** section, select Trade Mode as TT Standard (View Only).
2. On the **Permissions** tab, set user permissions.

Section	Description
Admin Permissions	Select **Admin** (Access Level = Full Admin)
Trade Permissions	Select **Disable Trading & Request for Quote**
Algo Permissions	Deselect **Requires Permission to Run Own Algos & Algo Approver**
TT SCORE Permissions	Not in scope for v10
KRM22 Permissions	Not in scope for v10
LMEptrm Permissions	Set to **Not Set**

A.2 LMEtrader Trading Admin (TA)

1. On the Settings tab in the **Status** section, select Trade Mode as TT Standard (View Only).
2. On the **Permissions** tab, set user permissions.

Settings	Description
Admin Permissions	Select **Admin** (Access Level = Full Admin)
Trade Permissions	Select **Disable Trading**
Algo Permissions	Deselect **Requires Permission to Run Own Algos & Algo Approver**
TT SCORE Permissions	Not in scope for v10
KRM22 Permissions	Not in scope for v10
LMEptrm Permissions	Set to **Not Set**

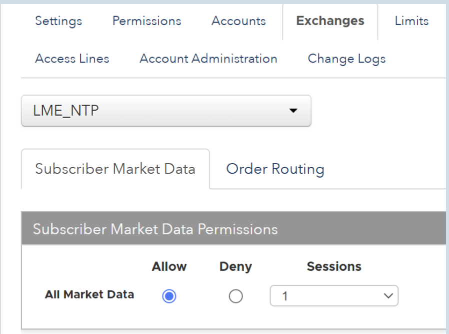
If more granular restrictions are needed for Trading Admins, the Account Administration settings can be used, see https://library.tradingtechnologies.com/user-setup/aa-adding-an-account-administrator.html for more information.

A.3 Trading User (GT)

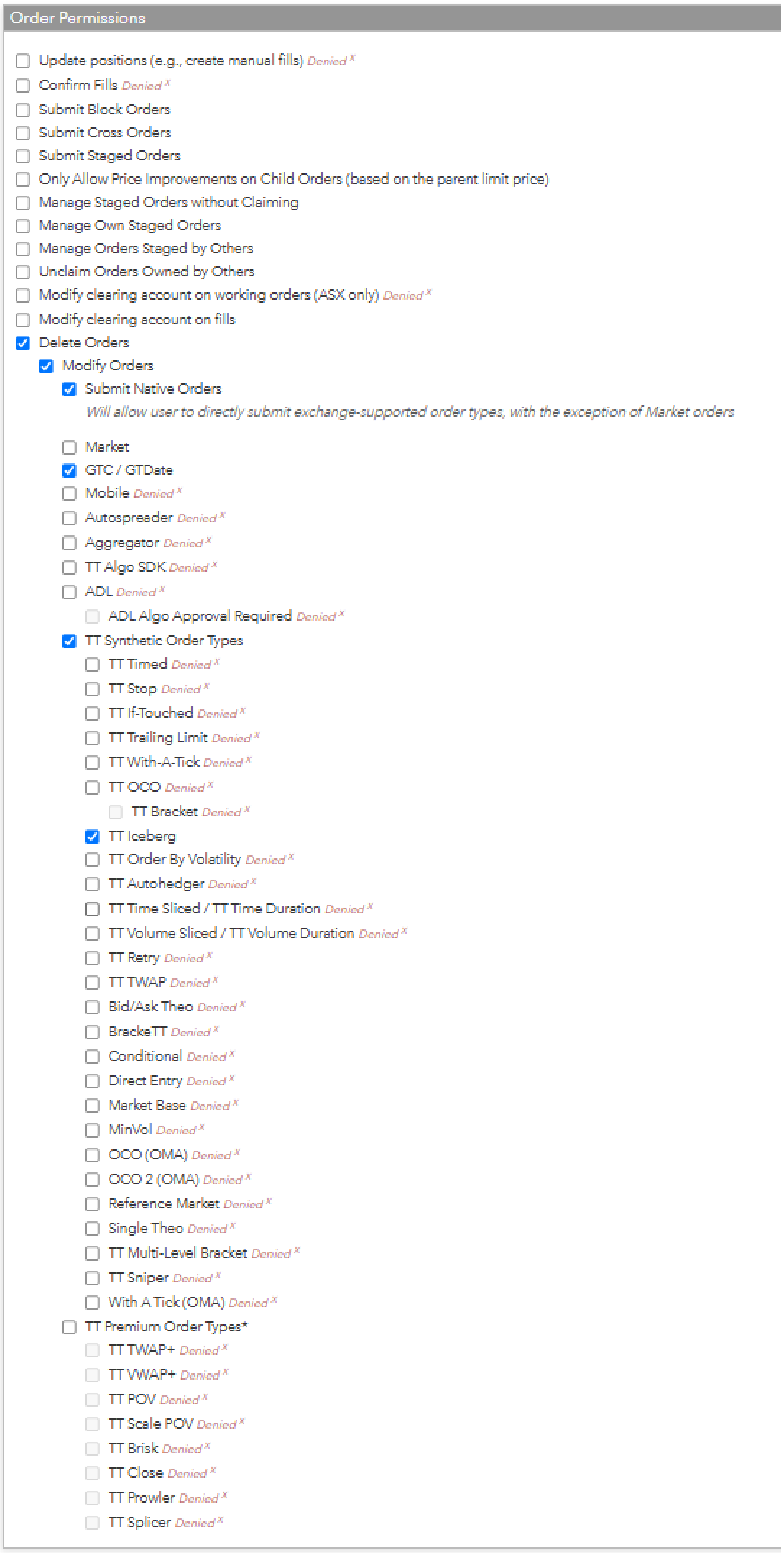
1. On the Settings tab in the **Status** section, select Trade Mode as TT Standard.
2. On the **Permissions** tab, set user permissions.

Section	Description
Admin Permissions	Select **None**
Trade Permissions	Deselect **Disable Trading**
Algo Permissions	Deselect **Requires Permission to Run Own Algos & Algo Approver**
TT SCORE Permissions	Not in scope for v10
KRM22 Permissions	Not in scope for v10
LMEptrm Permissions	Set to **Not Set**

3. On the **Exchanges** tab, select LME_NTP from dropdown. In **Subscriber Market Data** tab, select Allow and select 1 Session.

Section	Description
Subscriber Market Data	

4. Click **Save Changes**.
5. Select **Accounts** on the navigation pane and select the account in the data grid.
6. On the **Users** tab, configure Order Permissions as shown below:



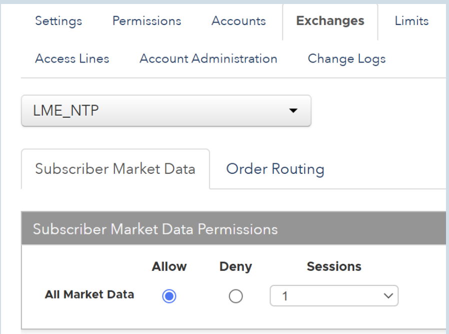
7. Click **Save Changes**.

A.4 Trading Supervisor (GS)

1. On the Settings tab in the **Status** section, select Trade Mode as TT Standard.
2. On the **Permissions** tab, set user permissions.

Section	Description
Admin Permissions	Select **None**
Trade Permissions	Deselect **Disable Trading**
Algo Permissions	Deselect **Requires Permission to Run Own Algos & Algo Approver**
TT SCORE Permissions	Not in scope for v10
KRM22 Permissions	Not in scope for v10
LMEptrm Permissions	Set to **Not Set**

3. On the **Exchanges** tab, select LME_NTP from dropdown. In **Subscriber Market Data** tab, select Allow and select 1 Session.

Section	Description
Subscriber Market Data	

4. Click **Save Changes**.
5. Select **Accounts** on the navigation pane and select the account in the data grid.
6. On the **Users** tab, configure Order Permissions as shown below:

Order Permissions

- [ ] Update positions (e.g., create manual fills)
- [ ] Confirm Fills
- [ ] Submit Block Orders *Denied* ✕
- [ ] Submit Cross Orders *Denied* ✕
- [ ] Submit Staged Orders
- [ ] Only Allow Price Improvements on Child Orders (based on the parent limit price)
- [ ] Manage Staged Orders without Claiming
- [ ] Manage Own Staged Orders
- [ ] Manage Orders Staged by Others
- [ ] Unclaim Orders Owned by Others
- [ ] Modify clearing account on working orders (ASX only) *Denied* ✕
- [ ] Modify clearing account on fills
- [x] Delete Orders
  - [ ] Modify Orders
    - [ ] Submit Native Orders
      Will allow user to directly submit exchange-supported order types, with the exception of Market orders
    - [ ] Market *Denied* ✕
    - [ ] GTC / GTDate
    - [ ] Mobile *Denied* ✕
    - [ ] Autospreader *Denied* ✕
    - [ ] Aggregator *Denied* ✕
    - [ ] TT Algo SDK *Denied* ✕
    - [ ] ADL *Denied* ✕
      - [ ] ADL Algo Approval Required *Denied* ✕
    - [ ] TT Synthetic Order Types
      - [ ] TT Timed *Denied* ✕
      - [ ] TT Stop *Denied* ✕
      - [ ] TT If-Touched *Denied* ✕
      - [ ] TT Trailing Limit *Denied* ✕
      - [ ] TT With-A-Tick *Denied* ✕
      - [ ] TT OCO *Denied* ✕
        - [ ] TT Bracket *Denied* ✕
      - [ ] TT Iceberg
      - [ ] TT Order By Volatility *Denied* ✕
      - [ ] TT Autohedger *Denied* ✕
      - [ ] TT Time Sliced / TT Time Duration *Denied* ✕
      - [ ] TT Volume Sliced / TT Volume Duration *Denied* ✕
      - [ ] TT Retry *Denied* ✕
      - [ ] TT TWAP *Denied* ✕
      - [ ] Bid/Ask Theo *Denied* ✕
      - [ ] BrackeTT *Denied* ✕
      - [ ] Conditional *Denied* ✕
      - [ ] Direct Entry *Denied* ✕
      - [ ] Market Base *Denied* ✕
      - [ ] MinVol *Denied* ✕
      - [ ] OCO (OMA) *Denied* ✕
      - [ ] OCO 2 (OMA) *Denied* ✕
      - [ ] Reference Market *Denied* ✕
      - [ ] Single Theo *Denied* ✕
      - [ ] TT Multi-Level Bracket *Denied* ✕
      - [ ] TT Sniper *Denied* ✕
      - [ ] With A Tick (OMA) *Denied* ✕
    - [ ] TT Premium Order Types*
      - [ ] TT TWAP+ *Denied* ✕
      - [ ] TT VWAP+ *Denied* ✕
      - [ ] TT POV *Denied* ✕
      - [ ] TT Scale POV *Denied* ✕
      - [ ] TT Brisk *Denied* ✕
      - [ ] TT Close *Denied* ✕
      - [ ] TT Prowler *Denied* ✕
      - [ ] TT Splicer *Denied* ✕

✕ Permission has been restricted by the account or any parent account

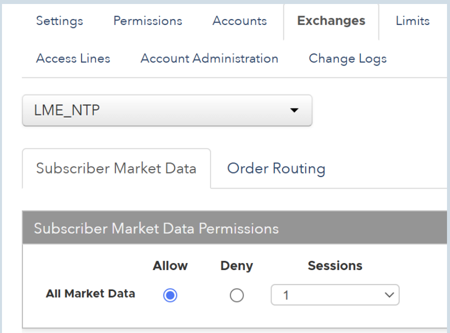
7. Click **Save Changes**.

A.5 Backoffice User (GB)

1. On the Settings tab in the **Status** section, select Trade Mode as TT Standard (View Only).
2. On the **Permissions** tab, set user permissions:

Section	Description
Admin Permissions	Select **None**
Trade Permissions	Select **Disable Trading**
Algo Permissions	Deselect **Requires Permission to Run Own Algos & Algo Approver**
TT SCORE Permissions	Not in scope for v10
KRM22 Permissions	Not in scope for v10
LMEptrm Permissions	Set to **Not Set**

3. On the **Exchanges** tab, select LME_NTP from dropdown. In **Subscriber Market Data** tab, select Allow and select 1 Session.

Section	Description
Subscriber Market Data	

4. Click **Save Changes**.