

Account Management User Access Rights Guide

February 2016

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Access Rights Overview

We give our customers the ability to create users through User Access Rights. The assignment of users and their access rights is controlled by an organization's Security Officer(s). Individual accounts can also add users and assign access rights to them, but these accounts do not have access to the full range of user access rights functionality available to Security Officers for institutional accounts.

Institutional accounts can add up to 250 users, including employees and non-employees. Access rights to the different functions in Account Management can be limited for each of those users. In addition, we also offer an authorization feature to institutional accounts wherein multiple users must approve certain Account Management requests, such as funding transactions.

User Access Rights Availability

The complete User Access Rights system, including the ability to select Security Officers and use authorizations, is available to the following account structures:

- · Professional Advisors
- Brokers
- Proprietary Trading Groups
- Fund Investment Managers
- Small Business Accounts (Corporation, Partnership, LLC or unincorporate legal structure)

ALL account structures have the ability to add users to an account and assign them access rights to Account Management functions EXCEPT:

- Broker Non-Disclosed Clients
- Broker Omnibus Clients
- Proprietary Trading Group Sub Accounts

Access Rights and Access Groups

User access rights are organized into access groups that correspond to these Account Management menus:

- Trade
- Funding
- Reports
- Manage Account

Note: Individual account holders cannot grant Funding rights to new users that they add. Security Officers for institutional accounts CAN however grant Funding rights.

Each access group contains several functions, which themselves correspond to the individual functions in Account Management. When assigning access rights to a user, you can assign access rights to an entire access group and all of its individual functions, or you can assign access rights to the individual functions themselves.

All account users automatically get rights to Security-related functions in Account Management (Password, Secure Login System, Secure Login System Device Sharing, and Voting Subscriptions), and the functions in the Manage Account > Settings access group (User Information and Change Email Address).

Security Officers for account structures with multiple users and client accounts can grant limited access to a subset of user functions or accounts. For example, a Security Officer might want to give User A the ability to only trade, while giving User B only the ability to look at account statements. User C might only be able to trade client accounts 1-5, while User D can trade client accounts 6-10.

Assign user access rights to users when you add them to your account on the Manage Account > Access Rights > Users page in Account Management.

Security Officers

The assignment of access rights to users is controlled by an organization's Security Officer. Security Officers are designated employees who can assign access rights and authorize functions. The Security Officer can also add, modify and delete users.

Institutional account holders can add Security Officers to their account during the account application process, if they require additional Security Officers for authorization purposes. To add Security Officers after your account is open, you must send a paper form request to us.

Security Officer Approvals

As an added layer of security, you can require that any changes made by one Security Officer be approved by one or two other Security Officers. To change the number of Security Officer approvals required, you must complete and submit a request form.

Account-Level Access Rights

Security Officers can view account-level access rights on the Access Rights > Configure page in Account Management but cannot change them without a special request to us.

User Roles

A user role is a set of user access rights saved with a unique name. User roles allow Security Officers (and individual account holders) to save a set of user access rights and quickly apply them to users. This is useful if you have multiple users to add to an account. User roles work the same way as user access rights: functions are organized into access groups based on the Account Management menu structure, and you expand each access group to view and assign rights to functions located in second-level menus. You can select a user role only if you have created and saved at least one.

Create user roles on the Manage Account > Access Rights > User Roles page in Account Management.

Primary and Secondary Authorizers

If your organization requires additional security for Account Management functions, you can appoint authorizers to approve requests. Authorizers are users who provide additional layers of security for different Account Management functions such as funding requests.

There are two levels of authorizers: Primary and Secondary. These levels of authorization let you match your organization's approval process to our Account Management system. A Primary Authorizer is the highest level of approval while a Secondary Authorizer is the next level of approval. For example, your CEO might be the Primary Authorizer and the CIO might be the Secondary Authorizer in your organization.

You set up authorizations on the Manage Account > Access Rights > Configuration page in Account Management.

Primary and Secondary Authorizers authorize pending changes on the **Home > Pending Items** page.

User Access Rights Summary

Organizations can follow these steps to set up a user access rights implementation that includes Security Officers and authorizations.

- 1. During your account application process, designate one or more persons to be Security Officers.
 - o As the account owner, you are automatically designated as a Security Officer.
 - o If you forgot to do this, or you want to add more Security Officers to your account, send a request to us.
 - If you need an additional layer of security, you can require that changes submitted by one Security Officer
 must be approved by other Security Officers. You set the number of these Security Officer approvals during the
 application process.
- 2. After your account has been approved, your Security Officer logs into Account Management and creates and saves user roles to be able to apply reusable sets of access rights to more than one account users.
- 3. Your Security Officer adds users to your account, granting them access rights to the different functions in Account Management to correspond to the users and functions in your organization. At this time, the Security Officer will also apply any saved user roles to the new users.
- 4. Your Security Officer sets the number of Primary and Secondary Authorizers for specific functions in Account Management. On the same page in Account Management, the Security Officer can view the current account-level access rights.

About Security Officers

The assignment of users and their access rights is controlled by an organization's Security Officer(s). Security Officers are designated employees who can assign access rights and authorize functions. The Security Officer can also add, modify and delete users.

Creating Security Officers During the Account Application Process

During the account application process, the owner of the account (the account applicant; who is automatically assigned the role of Security Officer) can select additional Security Officers, then assign each Security Officer access rights to the various functions in Account Management. Only Organization customer type accounts can create security officers.

If you need an additional layer of security, you can require that any changes made by one Security Officer be approved by one or two other Security Officers. You can set the number these Security Officer approvals during the application process. Any Security Officer can function as a Security Officer approver.

Adding and Deleting Security Officers

To add Security Officers after your account is open, you can add a new user to your account and designate that user as a Security Officer, designate an existing user as a Security Officer (on the Manage Account > Access Rights > Users page), or send a request to us. You can access the request form on the Support > Paper Forms page of Account Management.

You can delete Security Officers from your account on the **Manage Account > Access Rights > Users** page of Account Management, but only if such removal does not change the number of required Security Officer approvals set in your account application. For example, if your account currently has three security Officers but requires only two, you can delete one of them from within Account Management. If your account currently has two Security Officers and requires two, you cannot delete one.

Security Officers and Account Management

Once you have designated a Security Officer for your account, that person will have access rights to the Account Management functions that were assigned during the account application process. The Security Officer is the only person who can view and access the following security-related functions in Account Management:

- Manage Account > Access Rights > Configuration View account-level access rights for an account and set the
 number of Primary and Secondary Authorizers for Account Management, including funding. This function is available only to institutional accounts.
- Manage Account > Access Rights > Users Add, delete and modify users and assign access rights to Account
 Management functions. Note that individual accounts (Individual, Joint, Trust, etc. customer types) also have
 access to this page.
- The Security and Access rights menus in Manage Account, and the Change Email Address function (these rights are preselected in the account application).

Configure Access Rights

When your account is first opened, it will have the ability to access all functions in Account Management. Security Officers for your account use the Access Rights Configuration page to:

- View account-level access rights for your account. Account-level access rights identify which functions your account can access.
- Set the number of Primary/Secondary authorizers required for Account Management functions.

Account access rights are organized into access rights groups that correspond to the Account Management menus.

Access to each function in an access rights group is displayed as either granted or denied. Denied functions will not appear in the Account Management menus. Because the account applicant is automatically a Security Officer, he or she has access to all functions in Account Management. When your account is first opened, account-level access rights to ALL Account Management functions are granted by default.

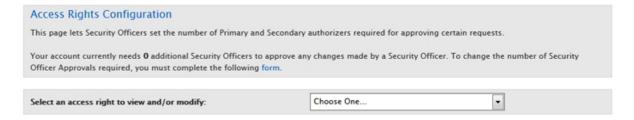
Note: To change your account access rights, including granting or denying access to Account Management functions, you must send a request to us.

Who can access the Access Rights Configuration page?

You can access this page if you are a Security Officer for any institutional customer types.

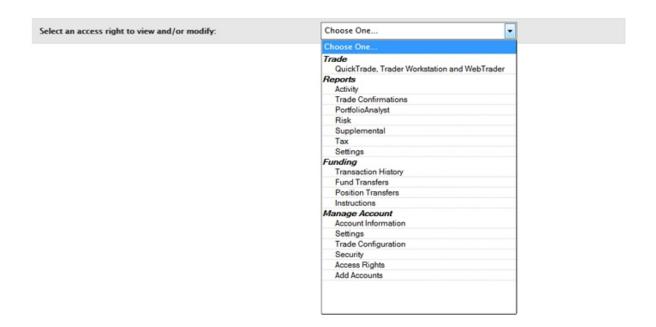
To view account access rights and set the number of primary and secondary authorizers

- 1. Log into Account Management.
- 2. Click Manage Account > Access Rights. The Configuration page appears by default.

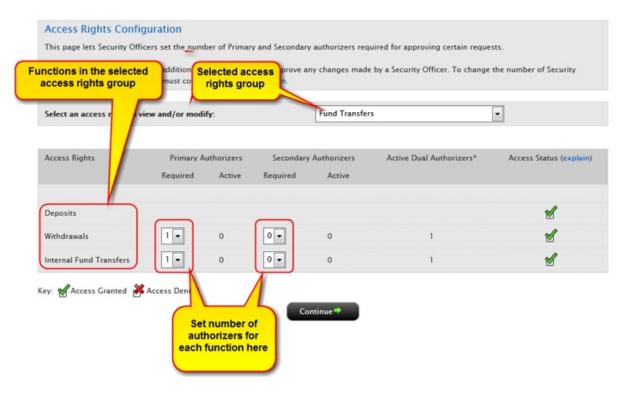


The page displays the number of Security Officer approvals required for your account. This number indicates the number required to approve any changes made by a Security Officer.

3. To view account-level access rights, select any item in the Access Right drop-down. Access groups correspond to Account Management menus. Note that you cannot select the top-level menu in the drop-down.



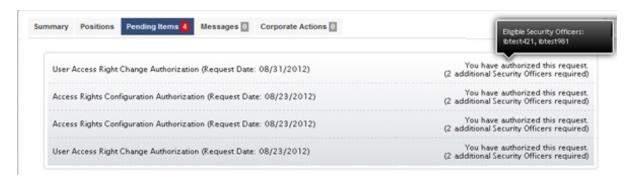
4. The screen displays the total number of currently active authorizers for each function (remember, these correspond to pages in the corresponding Account Management menu). Select the number of required Primary and Secondary authorizers for each function as required.



5. If necessary, set the number or authorizers for Advisor/Broker functions in the Account Information access group.:

- Select Account Information from the Select Access Group drop-down.
- Select the number of required Primary and Secondary authorizers for Advisor Qualifications, Financial Information and Broker Declaration functions as required.
- Click Continue when you are done.
- 6. Sub and client account holders (who function as their own Security Officers) can assign account-level access rights to their Master Users.
- 7. If you are a sub or client account holder, select an access group from the drop-down, then select the check box in the Master User Access column for each function that you want your Master User to be able to access.
- 8. Click Continue to save your changes.

You can view your pending changes to access rights configuration on the **Home > Pending Items** page. Move your mouse over those pending items to see a popup with Eligible Security Officers displayed:



For more information

Users

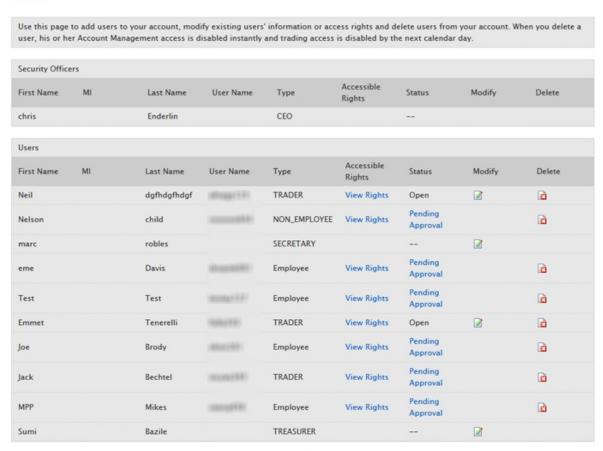
The Users page lets you:

- Add users to an account.
- Modify Account Management access rights for existing users.
- Add up to two usernames for a user.
- Delete users from an account.
- Add a Security Officer

Who can access the Users page?

All users and Security Officers can access this page except Broker Non-Disclosed Clients and Broker Omnibus Clients.

Users



Add User



The following rules and limitations apply to Individual accounts:

- Up to two usernames may be created for the same person.
- Up to 5 persons may be added with a Power of Attorney, which will be provided when adding users to an individual account.
- Individual Advisors may not add any persons other than themselves (they can have two usernames for themselves).
- Joint Accounts may add two usernames for each account holder.
- Trust accounts may add up to two usernames for each trustee.

User Information Displayed on User Access Rights Page

The User Access Rights page displays information about all users registered with your account. This is a summary of the information entered when you added the user to your account, and includes the following:

Column	Description
First Name	The user's first name.
MI	The user's middle initial.
Last Name	The user's last name.
User Name	The user's user name.
Туре	Depending on the type of account you have, this corresponds to the Type and Entity Relationship field on the Add New User and Access Rights page. It could be Employee or Non-employee or a specific role in your company, such as CEO or Treasurer.
Accessible Rights	Click View Rights to displays a popup summary of the user's access rights.
Status	The status of the user. For example, "Open" or "Pending Confirmation."
Modify	Displays a <i>Modify</i> link for users' whose status is "Open." Click this link to modify the users' access rights.
Delete	Displays a <i>Delete</i> link. Click this link to delete the user from your account.

For more information

Adding a User

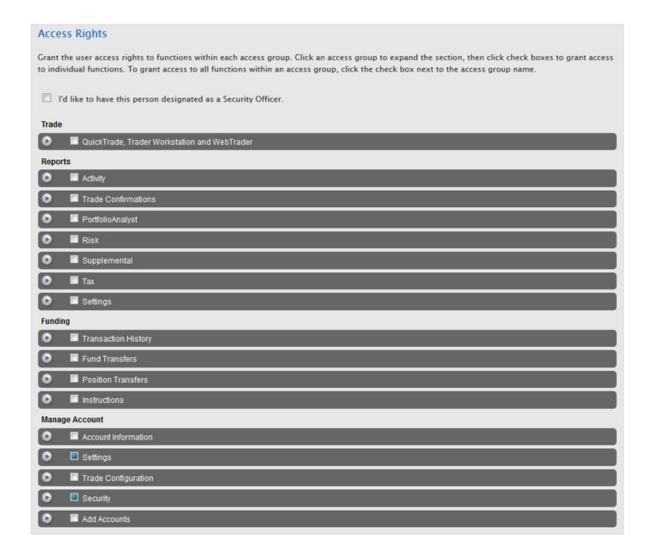
You can add users to your account and grant them access to a subset of Account Management functions, including granting access to functions for one or more sub accounts. You cannot grant access to Funding functions to a new user.

To add a user to the account

- 1. Click Manage Account > Access Rights > Users.
- 2. Click Add User.



- 3. On the Add User page, enter all required information, including name, six-character username prefix, password, and email address.
- 4. On the same page, assign Account Management functions to the user by clicking the appropriate check boxes in the Access Rights section. Access groups correspond to Account Management menus.
 - To designate the user as a Security Officer, click the I'd like to have this person designated as a Security Officer, check box.
 - If you have created any User Roles, optionally select a User Role. The access rights saved with the User Role will be applied to the new user.
 - Click an access group to expand the section, then click check boxes to grant access to individual functions.
 - To grant access to all functions within an access group, click the check box next to the access group name. If a function is not checked, the user will not be able to access the function in Account Management:



5. If you are adding a user to a multiple account structure, when you click a check box for an Access group or for an individual function inside an Access group, the Assign Accounts box opens.

Use the Assign Accounts box to select which accounts you want this user to be able to access for the selected function or group of functions. You can select:

- o All for all accounts, including the Master and all sub accounts;
- Master to grant access to only the Master account;
- Sub All to grant access to all sub accounts;
- Sub Specific, to grant access to individual sub accounts.

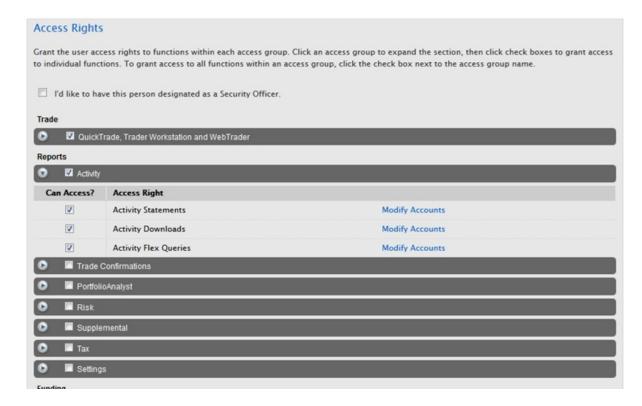




Click Continue to save your account assignments.

Note: All account users automatically get rights to Security functions (Password, Secure Login System Secure Device Sharing, and Voting Subscriptions), which are located in the Manage Account > Security access group, and the functions in the Manage Account > Settings access group (User Information and Email Address).

The following figure shows an example of an access rights configuration. In this example, a user is being granted access to all functions in the Trade and Reports > Activity menus of Account Management.



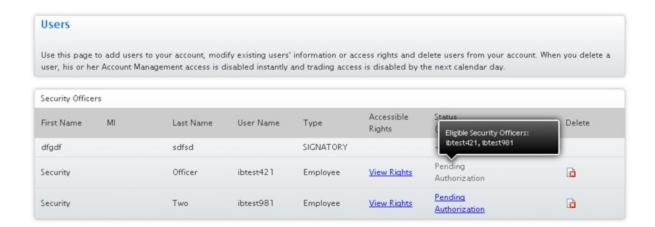
- 6. On the same page, you can select the accounts to which the access rights are assigned.
 - Highlight one or more individual sub/client accounts in the list (Ctrl+ click to select multiple non-adjacent accounts in the list; Shift+click to select multiple adjacent accounts in the list). Click the All Sub/Client Accounts check box to select ALL accounts.
- 7. Click Continue.
- 8. Verify that all the information is correct, then click **Continue.**If you need to make further changes, click **Back**, then make corrections before submitting.
- 9. Enter the confirmation number sent to you via email, then click Continue.
 - If you have not received a confirmation number, click **Request Confirmation Number** to have a confirmation number sent to your email address on record.
- 10. Click Cancel to cancel your changes.

Viewing Pending User Access Rights

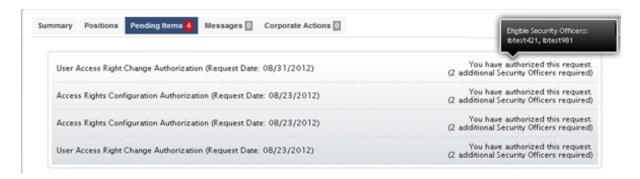
Click *Pending Authorization* in the Status column for any Security Officer listed to view a popup that displays the pending user access rights.

Viewing Eligible Security Officers on Pending Items

On the Users page, you can move your mouse over the Status of any Security Officer listed with a status of Pending Authorization to see a popup with Eligible Security Officers displayed:



You can view your pending changes to user access rights on the **Home > Pending Items** page. Move your mouse over those pending items to see a popup with Eligible Security Officers displayed:



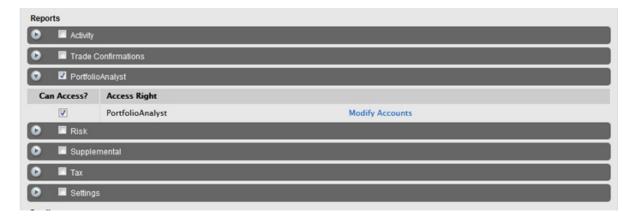
For more information

Modifying User Access Rights

You can modify Account Management access rights for an existing user on the User Access Rights page. For example, if you add a user to your account, you may want to modify the user's access rights at a later date.

To modify access rights for an existing user

- 1. Click Manage Account > Access Rights > Users.
- 2. Click the *Modify* link next to the user whose access rights you want to modify.
- On the next page, modify the access rights for the user by selecting or deselecting check boxes next to the available Account Management functions, including changing any authorization privileges you may have assigned or need to assign.
 - To designate the user as a Security Officer, click the I'd like to have this person designated as a Security Officer, check box.
 - Click an access group to expand the section, then click check boxes to grant access to individual functions.
 - To grant access to all functions within an access group, click the check box next to the access group name. If a function is not checked, the user will not be able to access the function in Account Management:



5. If you are modifying a user in a multiple account structure, click *Modify Accounts* for any individual function inside an Access group. The Assign Accounts box opens.

Use the Assign Accounts box to change which accounts you want this user to be able to access for the selected function or group of functions. You can select:

- All for all accounts, including the Master and all sub accounts;
- o Master to grant access to only the Master account;
- Sub All to grant access to all sub accounts;
- Sub Specific, to grant access to individual sub accounts.



Click Continue to save your account assignments.

6. Verify that all the information is correct, then click **Continue**.

If you need to make further changes, click Back, then make corrections before submitting.

- 7. Enter the confirmation number sent to you via email, then click **Continue**.
 - If you have not received a confirmation number, click **Request Confirm** to have a confirmation number sent to your email address on record.
- 8. Click Cancel to cancel your changes.

For more information

Adding Usernames to a User

Account Management lets you assign up to two usernames for each individual user. For example, an individual user might want to add a second user name in order to log in on two different machines for testing purposes.

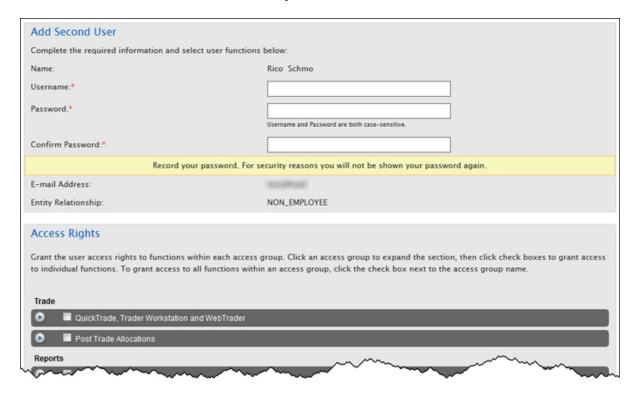
To add a username for a user

1. Click Manage Account > Access Rights > Users.

Users



2. Click the 2nd User link next to the user for whom you want to add a second user name.



- 3. On the next page, enter information for the second username, then click Continue.
- 4. Verify that all the information is correct, then click **Continue**.

If you need to make further changes, click Back, then make corrections before submitting.

5. Enter the confirmation number sent to you via email, then click Continue.

If you have not received a confirmation number, click **Request Confirmation Number** to have a confirmation number sent to your email address on record.

6. Click Cancel to cancel your changes.

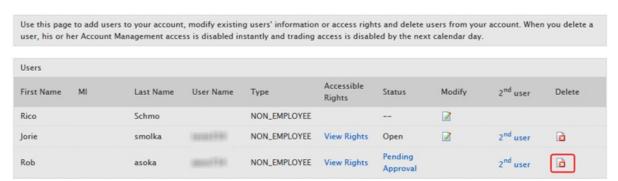
For more information

Deleting a User

To delete a user from the account

1. Click Manage Account > Access Rights > Users.

Users



2. Click the *Delete* link next to the user you want to delete.

Account Management access for that user is disabled instantly and Trading Access is disabled by the next calendar day.

Add a Security Officer

You can add Security Officers after your account is open by:

- Adding a new user to your account and designating that user as a Security Officer.
- Designating an existing user as a Security Officer by modifying the user's access rights.
- Sending a request to us. You can access the request form on the **Support > Paper Forms** page of Account Management.

User Roles

A user role contains a set of access rights to Account Management functions. You can quickly assign access rights to new users by selecting an existing user role when you add the new users to your account. For example, you could create a user role that has access only to funding and reporting functions, then add a user to your account and assign the funding/reporting role to that new user.

The User Roles page lets you:

- Add a new user role
- Modify a user role
- Delete a user role
- View user role details

Who can access the User Roles page?

All users and Security Officers can access this page except Broker Non-Disclosed Clients and Broker Omnibus Clients.

For more information

Adding a User Role

To add a user role to the account

1. Click Manage Account > Access Rights > User Roles.



2. Click Add Role.



- 3. Enter the name of the new user role in User Role Name field.
- 4. Assign Account Management functions to the user role by clicking the appropriate check boxes in the Access Rights section. Access groups correspond to Account Management menus.
 - Click an access group to expand the section, then click check boxes to grant access to individual functions.
 - To grant access to all functions within an access group, click the check box next to the access group name. If a
 function is not checked, any user that you add to your account with this user role will not have access to the
 function in Account Management.
- 5. Click Continue.
- 6. Verify that the access rights assignments are correct, then click **Continue**.

- 7. Confirm your request for the creation of the new user role by entering the confirmation number that we sent to your email address of record into the field provided.
- 8. Click Continue.

For more information

Modifying a User Role

You can modify a user role if you want

To add a user role to the account

- 1. Click Manage Account > Access Rights > User Roles.
- 2. Click the *Modify* link next to the user role you want to modify.
- 3. On the next page, modify the access rights for the user role by selecting or deselecting check boxes next to the available Account Management functions, including changing any authorization privileges you may have assigned or need to assign. Click **Continue**.
- 4. Verify that all the information is correct, then click **Continue**.

If you need to make further changes, click Back, then make corrections before submitting.

5. Enter the confirmation number sent to you via email, then click Continue.

If you have not received a confirmation number, click **Request Confirm** to have a confirmation number sent to your email address on record.

6. Click Cancel to cancel your changes.

For more information

Deleting a User Role

You can delete a user role when it is no longer needed.

To delete a user role

- 1. Click Manage Account > Access Rights > User Roles.
- 2. Click the *Delete* link next to the user role you want to delete.

The user role is deleted from the system.

View User Role Details

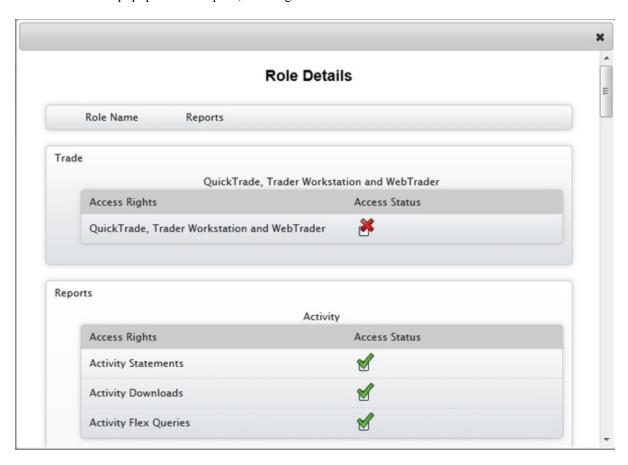
To view user role details

1. Click Manage Account > Access Rights > User Roles.



2. Click the View Role Info link in the Action column for a specific role.

The Role Details popup window opens, showing the details for the role.



3. To close the popup window, click the X in the upper right corner.

Access Rights Reference

This section lists all Account Management pages and the account types that can access them. The information is organized by menu:

- Home
- <u>Trade</u>
- Reports
- Funding
- Manage Account
- Manage Clients/Funds/Traders
- Investors' Marketplace
- Support
- Reference

Home Menu Access Rights

All users and account structures can access the Home page and its tabbed pages.

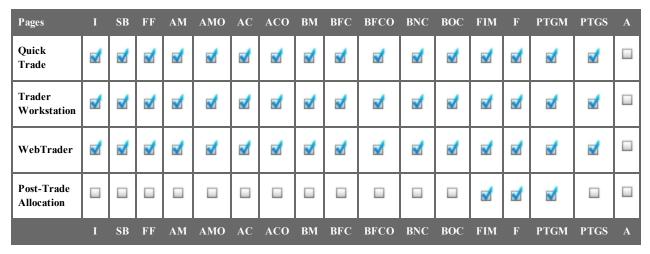
Page	I	SB	FF	AM	AMO	AC	ACO	BM	BFC	BFCO	BNC	ВОС	FIM	F	PTGM	PTGS	A
Summary Only if user has Trading or Reports.	ď	ď	ď	ď	ď	ď	ď	ď	ď	ď	ď	ď	ď	ď	ď	ď	ď
Pending Items	ď	ď	ď	ď	₫	ď	ď	ď	ď	ď	ď	ď	ď	ď	ď	ď	₫
Message Center	ď	ď	ď	ď	₫	ď	ď	ď	ď	ď	ď	ď	ď	ď	ď	ď	ď
Corporate Actions Only if user has Trading or Reports.	ď	ď	ď	ď	ď	ď	ď	ď	⊠	ď	ď	ď	ď	ď	ď	ď	₫

Account Struct	Account Structures Key					
I	Individual, Joint, Trust and IRA account users					
SB	Corporate, Partnership, LLC and Unincorporated Businesses					
FF	Friends and Family Group account users					
AM	Advisor Master Individual					
АМО	Advisor Master Organization (Corporate, Partnership, LLC, Unincorporated business)					
AC	Advisor Client Individual (Individual, Joint, IRA with electronic access)					
ACO	Advisor Client Organization (Corporate, Partnership, LLC, Unincorporated business with electronic access)					
BM	Broker Master					
BFC	Broker Fully Disclosed Client (Individual, Joint, IRA)					
BFCO	Broker Fully Disclosed Client Organization (Corporate, Partnership, LLC, Unincorporated business)					
BNC	Broker Non-Disclosed Client					
вос	Broker Omnibus Client					
FIM	Fund Investment Manager Master					
F	Fund					
PTGM	Proprietary Trading Group Master					

PTGS	Proprietary Trading Group Sub
A	Administrator

Trade Menu Access Rights

The following table lists all access rights to the Trade menu pages by account structure.



¹Interactive Brokers customers who are Accredited Investors or Qualified Purchasers under SEC rules can invest in independent Hedge Funds available on the Hedge Fund Investor Site page.

Account Stru	ictures Key
I	Individual, Joint, Trust and IRA account users
SB	Corporate, Partnership, LLC and Unincorporated Businesses
FF	Friends and Family Group account users
AM	Advisor Master Individual
AMO	Advisor Master Organization (Corporate, Partnership, LLC, Unincorporated business)
AC	Advisor Client Individual (Individual, Joint, IRA with electronic access)
ACO	Advisor Client Organization (Corporate, Partnership, LLC, Unincorporated business with electronic access)
BM	Broker Master
BFC	Broker Fully Disclosed Client (Individual, Joint, IRA)
BFCO	Broker Fully Disclosed Client Organization (Corporate, Partnership, LLC, Unincorporated business)
BNC	Broker Non-Disclosed Client
вос	Broker Omnibus Client
FIM	Fund Investment Manager Master
F	Fund
PTGM	Proprietary Trading Group Master

PTGS	Proprietary Trading Group Sub
A	Administrator

Reports Menu Access Rights

The following table lists all access rights to the Reports menu pages by account structure.



Pages	I	SB	FF	AM	AMO	AC	ACO	BM	BFC	BFCO	BNC	ВОС	FIM	F	PTGM	PTGS	A
Supplemental																	
Models				ď	ď	ď	ď										
Advisor Fee Cap				ď	ď												
Broker Exception								ď									
Client Summary				ď	ď	ď		ď					ď				
P/L Markup				ď	ď												
Broker Client Rev- enue and Expense Summary								ď									
Tax																	
Tax Forms	ď	₫	₫	ď	ď	ď	ď	ゼ	₫	ď			ď	ď	ď	ď	ď
Tax Optimizer ²	ď	ď	ď	ď	ď	ď	ď	ď	ď	ď	ď	ď	ď	ď	₫	ď	ď
Position Transfer Basis ¹	ď	ď	ď	ď	ď	ď	ď	ď	ď	ď			ď	ď	ď	ď	ď
Forex Cost Basis	ď	₫	ď	₫	ď	ď	₫	ď	₫	ď			₫	ď	ď	ď	₫
		1	1													ı	
Customer Activity Monitor				ď	ď			ゼ									
Settings																	
Delivery																	
Activity State- ments/Trade Con- firmations ³	₫	₫	₫	₫	ď	ď	ď	₫	ď	₫	ď		ď	ď	ď	ď	₫
SMS Alert	ď	₫	₫	ď	ď	ď	ď	₫	₫	ď			ď	V			
Flex Queries ³	ď	ď	ď	ď	ď	ď	ď	ď	ď	ď	ď		ď	ď	ď	ď	ď

Pages	I	SB	FF	AM	AMO	AC	ACO	BM	BFC	BFCO	BNC	ВОС	FIM	F	PTGM	PTGS	A
PortfolioAnalyst Delivery Settings	ď	ď	✓	₹	ď	ď	ď	ď	ď	ď	ď	ď	∞	√	≥	ď	₫
Broker Client Activity State- ments ⁴								₫									
	9																
Flex Web Service	₫	ď	√	 ✓	ď	√	ď	ď	ď	ď			 ✓	√			
Third-Party Services	ď																₫
Trader ID				ď				ď					√		ď		
Client OATS Settings								ď									
	I	SB	FF	AM	AMO	AC	ACO	ВМ	BFC	BFCO	BNC	ВОС	FIM	F	PTGM	PTGS	A

 $^{^{1}\}mbox{Master}$ users cannot set the position transfer basis for client/sub accounts.

³Only Broker Master users with non-disclosed clients can enter delivery settings for client statements.

Account Struc	ctures Key
I	Individual, Joint, Trust and IRA account users
SB	Corporate, Partnership, LLC and Unincorporated Businesses
FF	Friends and Family Group account users
AM	Advisor Master Individual
AMO	Advisor Master Organization (Corporate, Partnership, LLC, Unincorporated business)
AC	Advisor Client Individual (Individual, Joint, IRA with electronic access)
ACO	Advisor Client Organization (Corporate, Partnership, LLC, Unincorporated business with electronic access)
BM	Broker Master
BFC	Broker Fully Disclosed Client (Individual, Joint, IRA)
BFCO	Broker Fully Disclosed Client Organization (Corporate, Partnership, LLC, Unincorporated business)
BNC	Broker Non-Disclosed Client

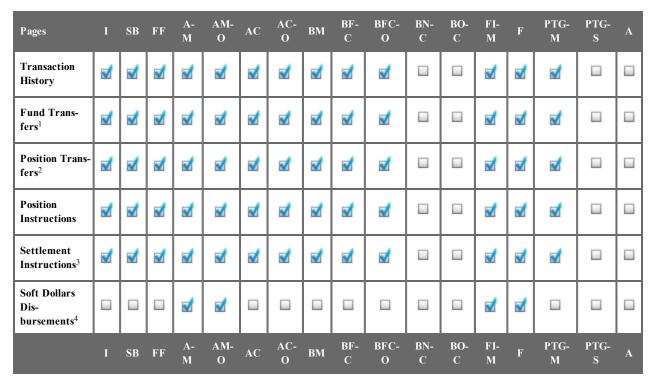
 $^{^2\}mbox{Master}$ users cannot set the tax basis for client/sub accounts.

 $^{^3\}mathrm{Master}$ users cannot enter delivery settings for client/sub accounts.

вос	Broker Omnibus Client
FIM	Fund Investment Manager Master
F	Fund
PTGM	Proprietary Trading Group Master
PTGS	Proprietary Trading Group Sub
A	Administrator

Funding Menu Access Rights

The following table lists all access rights to the Funding menu pages by account structure.



¹Deposits: Advisor Master Users can create a deposit notification for a client account but must use a bank instruction created by the client. Proprietary Trading Group Master Users and Non-Disclosed and Omnibus Broker Master Users make all deposits to the master account, then transfer funds to the sub-/client accounts. Broker Master Users can enter only wire and check deposit notifications for their client accounts.

Withdrawals: Advisor Master Users can make withdrawals from client accounts, but must use a bank instruction created by the client account. Proprietary Trading Group Master Users and Broker Master Users create bank instructions and make all withdrawals only from the master account.

Internal fund transfers: All master users can transfer funds to their client/sub accounts. In addition, Separate Trading Limit accounts can transfer funds between the master and sub account in either direction and between sub accounts, and Non-Disclosed Broker Master Users can transfer funds between the master and sub accounts in either direction.

²Master User access rights for position transfers are the same as deposits (see Note 1 above). In addition, Non-Disclosed Broker Master Users can transfer positions of any asset class between the master account and its sub accounts.

³Advisor, Broker and Proprietary Trading Group Master Users can enter settlement instructions only for their own account; they cannot enter settlement instructions for their client/sub accounts. Advisor Master Users can print a settlement instruction PDF which must be sent to their client for signature and mailed to us for verification.

⁴Advisors who are registered either by the SEC or the state must abide by the rules specified in Section 28(e) (safe harbor) of the Securities Exchange Act.

Account Struct	tures Key									
I	ndividual, Joint, Trust and IRA account users									
SB	Corporate, Partnership, LLC and Unincorporated Businesses									
FF	Friends and Family Group account users									
AM	Advisor Master Individual									
AMO	Advisor Master Organization (Corporate, Partnership, LLC, Unincorporated business)									

AC	Advisor Client Individual (Individual, Joint, IRA with electronic access)
ACO	Advisor Client Organization (Corporate, Partnership, LLC, Unincorporated business with electronic access)
BM	Broker Master
BFC	Broker Fully Disclosed Client (Individual, Joint, IRA)
BFCO	Broker Fully Disclosed Client Organization (Corporate, Partnership, LLC, Unincorporated business)
BNC	Broker Non-Disclosed Client
вос	Broker Omnibus Client
FIM	Fund Investment Manager Master
F	Fund
PTGM	Proprietary Trading Group Master
PTGS	Proprietary Trading Group Sub
A	Administrator

Manage Account Menu Access Rights

The following table lists all access rights to the Manage Account menu pages by account structure.



Pages	I	SB	FF	AM	AMO	AC	ACO	ВМ	BFC	BFCO	BNC	ВОС	FIM	F	PTGM	PTGS	A
Settings																	
Configure Account	1	1		ı			1	1									
Base Currency ²	ď	ď	V			ď	ď	ď	ď	ď			ď	ď	ď		
Institutional Services	ď	ď	ď	ď	ď	ď	ď	ď	ď	ď			ď	ď	ď		
Account Type	ď	ď	ď			ď	ď	ď	ď	ď			ď	ď	ď		
Excess Funds Sweep	ď	ď	ď			ď	ď	ď	ď	ď				ď	ď		
Fees																	
Pricing Structure	ď	₫	ď	₫	ď			ď					ď	₫	ď		
Soft Dollar Configuration				₫	ď								ď	₫			
	1	1		ı			1	1						·			
Mobile	₫	₫	ď	ď	ď	ď	ď	₫	ď	₫	ď	ď	ď	₫	ď	ď	
IRA																	
Conversion	₫	₫	√			ď			ď		ď	ď					
Re-char- acterization	ď	₫	ď			₫			₫		ď	₫					
	1	1		ı			1	1						Y			
Paper Trading	₫	ď	ď	ゼ	ď	ď	ď	₫	ď	ď	ď	ď	ď	ď	ď	ď	
Account Alias	ď	ď	ď	ď	ď			ď					ď		ď		
White Branding				ď	ď			ď									
Close Account ³																	
Close Account	ď	ď	ď	ď	ď	ď	ď	ď	ď	™			ď	ď	ď		ď

Pages	I	SB	FF	AM	AMO	AC	ACO	ВМ	BFC	BFCO	BNC	ВОС	FIM	F	PTGM	PTGS	A
Reopen Account ⁸	₫	₫	ď	₫	ď	√	ď	₫	ď	ď	ď	ď	ď	₫	ď	ď	ď
Closure Status ⁸	ď	ď	ď	₫	ď	₫	ď	₫	ď	ď	ď	ď	ď	ď	ď	ď	ď
Trade Configuratio	n	1						1						1			
CFDs and Metals				ď	ď								ď				
Research	ď	ď	ď	√	₫			ď	ď	ď	ď	ď	ď	ď	ď	ď	
Market Data	₫	ď	ď	₫	ď			ď	ď	ď	ď	ď	ď	ď	ď	ď	
Subscriber Status	ď	ď	ď	ď					ď	ď	ď	ď	ď	ď	ď	ď	
Trading Limits															ď		
Restrictions															ď		
IB FYIs	ď	ď	ď	ď	ď			ď	ď	ď	ď	ď	ď	ď	ď	ď	
Alerts	ď	₫	ď	ď	ď	ď	ď	ď	ď	ď			ď	ď			
Client Trading				ď	ď			ď					ď		ď		
Futures Arbit- ration Agreement	ď	₫				ď	ď	ď	ď	ď				ď	ď		
Asia Gateway	ď	ď		ď	ď	ď	ď	ď	ď	ď	ď	ď	ď	ď	ď	ď	
Security																	
Individual								1		1							
IP Restrictions	ď	₫	₫	₫	ď			ゼ	ď	ď			ď	₫	ď		
Change Password	₫	₫	₫	ゼ	ď	₫	ď	₫	ď	ď	ď	ď	₫	₫	ď	ď	₫
Reset Paper Trad- ing Account Pass- word	ď	ď	ď	ď	ď	ď	ď	ď	ď	ď	ď	ď	ď	ď	ď	ď	

Pages	I	SB	FF	AM	AMO	AC	ACO	BM	BFC	BFCO	BNC	ВОС	FIM	F	PTGM	PTGS	A
Change Email Address ³	ď	ď	ď	ď	ď	₫	ď	ď	ď	ď			₫	ď	ď	ď	ď
Secure Login Syste	m																
Security Device ³	ď	₫	ď	ď	ď	ď	ď	₫	ď	ď			ď	₫	₽	ď	₫
Security Device Sharing ³	₫	₫	ď	ď	₫	₫	ď	ď	ď	ď			ď	ď	ď	ď	
SLS Opt Out	ď	ď	₫	ď	ď	ď	ď	ď	₹	ď			₫	ď	ď	ď	ď
		İ						İ									
Client Security ⁴											ď						
Voting Subscriptions ³	ď	₫	₫	ď	ď	ď	ď	₫	ゼ	ď			ď	₫	ゼ	ď	
Access Rights		1						1									
Configuration ⁵					ď			₫					₫		∞ f		
Users	ď	ď	ď	ď	ď	ď	ď	ď	ď	ď			 ✓	ď	ď		ď
User Roles	ď	ď	ď	ď	ď	ď	ď	ď	ď	ď			ď	ď	ď		ď
Add or Link Accou	nts																
Created Linked Account	ď	₫															
Link Existing Account ⁶	ď	ď				ď			ď								
Authorized Traders										ď				ď	ď		
Money Manager																	
Administration				ď	ď												
Wealth Manager																	
Administration				ď	ď												
Trader Referral		II						1									



¹Available to Individual non-IRA account users only.

⁸ Reopen Account and Closure Status are available to only to closed accounts.

Account Struc	tures Key
I	Individual, Joint, Trust and IRA account users
SB	Corporate, Partnership, LLC and Unincorporated Businesses
FF	Friends and Family Group account users
AM	Advisor Master Individual
AMO	Advisor Master Organization (Corporate, Partnership, LLC, Unincorporated business)
AC	Advisor Client Individual (Individual, Joint, IRA with electronic access)
ACO	Advisor Client Organization (Corporate, Partnership, LLC, Unincorporated business with electronic access)
BM	Broker Master
BFC	Broker Fully Disclosed Client (Individual, Joint, IRA)
BFCO	Broker Fully Disclosed Client Organization (Corporate, Partnership, LLC, Unincorporated business)
BNC	Broker Non-Disclosed Client
вос	Broker Omnibus Client
FIM	Fund Investment Manager Master
F	Fund
PTGM	Proprietary Trading Group Master
PTGS	Proprietary Trading Group Sub
A	Administrator

²Proprietary Trading Group Masters can change the base currency of their client/sub accounts.

³Master users cannot access this page for client/sub accounts.

⁴Non-disclosed Broker Masters can activate a client's security device but only if the Broker Master distributed the device to the client.

⁵Only Security Officers can access the Access Rights > Configuration page. Account owners are automatically designated as Security Officers.

⁶Individual accounts (except Joint and Trust), IRA accounts, Fully Disclosed Broker clients and Advisor individual clients can link their multiple accounts under a single username and password.

⁷Only non-individual accounts established in the European Union will see this page.

Manage Clients/Manage Funds/Manage Traders Menu Access Rights

The following table lists all access rights to the Manage Clients/Manage Funds/Manage Traders menu pages by account structure.



Pages	I	SB	FF	AM	AMO	AC	ACO	BM	BFC	BFCO	BNC	ВОС	FIM	F	PTGM	PTGS	A
Configure				√	ď			ď									
Templates				ď	ď			ď									
Invoicing				ď	ď			ď									
Markup Sum- mary								ď									
HFCIP Fees				ď	ď												
Settings													I				
Account Alias				ď	ď			ď					₫				
Excess Funds Sweep								ď									
Trading																	
Base Currency ¹								V							ď		
Account Type				ď	ď			ď					₫				
Configuration (Client Trading)				ď	ď								₫				
Permissions ²				ď	ď			ď					∞				
Restrictions ³				ď	ď			ď					₫		ď		
Limits															ď		
Security																	
Audit Trail				ď	₫			₫					ď				
Users				₫	₫												
U 3U 3	_	_	_	•										_			



¹Non-disclosed Broker Masters and Proprietary Trading Group STL Account Masters can change the base currency of their client/sub accounts.

⁴Non-disclosed Broker Masters and Proprietary Trading Group STL Account Masters can close a client or sub account.

Account Str	uctures Key
I	Individual, Joint, Trust and IRA account users
SB	Corporate, Partnership, LLC and Unincorporated Businesses
FF	Friends and Family Group account users
AM	Advisor Master Individual
AMO	Advisor Master Organization (Corporate, Partnership, LLC, Unincorporated business)
AC	Advisor Client Individual (Individual, Joint, IRA with electronic access)
ACO	Advisor Client Organization (Corporate, Partnership, LLC, Unincorporated business with electronic access)
BM	Broker Master
BFC	Broker Fully Disclosed Client (Individual, Joint, IRA)
BFCO	Broker Fully Disclosed Client Organization (Corporate, Partnership, LLC, Unincorporated business)
BNC	Broker Non-Disclosed Client
вос	Broker Omnibus Client
FIM	Fund Investment Manager Master
F	Fund
PTGM	Proprietary Trading Group Master
PTGS	Proprietary Trading Group Sub
A	Administrator

²Non-disclosed Broker Masters can modify the trading configuration of client accounts. Advisor Masters (Individual and Organization), and Fund Investment Managers can only view the trading configuration of client accounts.

³EmployeeTrack Compliance Officers and also access the Trading Restrictions page.

Investors' Marketplace Menu Access Rights

The following table lists all access rights to the Investors' Marketplace menu pages by account structure.



Compliance Marketplace				ď	ď			ď					ď		ď		
Legal Services Marketplace				ď	ď			ď					ď		√		
Tax Firms Marketplace				ď	ď			ď					ď		₫		
Manage Admin- istrators				ď	ď			ď					ď		ď		
Business Developm	nent																
Advertising				 ✓	ď			₫					₫				
Business Analysts				₹	ď			ď					ď				
Financing Firms				ď	ď			ď					ď				
Careers ²	ď	ď	ď	ď	ď	√	ď	ď	₹	ď	ď	ď	ď	ď	₫	ď	ď
Corporate Access Pro- viders				ď	ď			ď					ď				
Advertise Services	s																
Investing								1									
Advisors					ď	₫											
Brokers								₫									
Hedge Fund Capital Intro- duction Pro- gram													ď				
Hedge Fund Capital Intro- duction (3rd Party Admins)													∞				
Research																	
Research Application	₫	ď	ď	₫	ď			₫					ď		ď		

Education & Coaches Application	√	ď	ď	ď	ď			ď					ď		ď		
Technology																	
Software Vendors Application	√	ď		ď	₫			ď					ď		ď		
Programming Consultant Application	S	ď		ď	ď			₫					ď		ď		
Administration				<u>'</u>													
Marketplace Information																	ď
Manage Clients																	ď
Third Party Custodian				ď				 ✓									
Business Developm	nent																
Advertising Application	√			ď	₫			ď					ď				
Business Analyst Application	√			ď	ď			ď					ď				
Financing Application	V			ď	ď			ď					ď				
Career Application	√	ď	ď	ď	ď	ď	♂	ď	ď	ď	ď	ď	ď	ď	ď	ď	ď
Corporate Access Pro- viders				ď	ď			ď					ď				
Pages	I	SB	FF	AM	AMO	AC	ACO	ВМ	BFC	BFCO	BNC	ВОС	FIM	F	PTGM	PTGS	A

¹Interactive Brokers customers who are Accredited Investors or Qualified Purchasers under SEC rules can invest in independent Hedge Funds available on the Hedge Fund Investor Site page.

²Only Advisors, Brokers, Proprietary Trading Group Master Users and Hedge Fund Investment Managers can view job seekers or post jobs at the Jobs Marketplace in Account Management. Job seekers are not visible at the Investors' Marketplace on our website.

Account Structures Key								
I	Individual, Joint, Trust and IRA account users							
SB	Corporate, Partnership, LLC and Unincorporated Businesses							
FF	Friends and Family Group account users							
AM	Advisor Master Individual							

АМО	Advisor Master Organization (Corporate, Partnership, LLC, Unincorporated business)
AC	Advisor Client Individual (Individual, Joint, IRA with electronic access)
ACO	Advisor Client Organization (Corporate, Partnership, LLC, Unincorporated business with electronic access)
BM	Broker Master
BFC	Broker Fully Disclosed Client (Individual, Joint, IRA)
BFCO	Broker Fully Disclosed Client Organization (Corporate, Partnership, LLC, Unincorporated business)
BNC	Broker Non-Disclosed Client
вос	Broker Omnibus Client
FIM	Fund Investment Manager Master
F	Fund
PTGM	Proprietary Trading Group Master
PTGS	Proprietary Trading Group Sub
A	Administrator

Support Menu Access Rights

All users and account structures can access the Support menu.

Pages	I	SB	FF	AM	AMO	AC	ACO	BM	BFC	BFCO	BNC	ВОС	FIM	F	PTGM	PTGS	A
Message Center	N.	₫	ď			ď	ď	ď	₫	ď	ď	ď		ď	ď		ď
Live Chat	ď	ď	ď	√	ď	ď	ď	ď	ď	ď	ď	ď	₫	ď	ď	ď	ď
Knowledge Base	ď	ď	ď	ď	ď	ď	ď	ď	ď	ď	ď	ď	₹	ď	ď	ď	ď
Tools	ď	ď	ď	ď	√	ď	ď	ď	ď	ď	ď	ď	₹	ď	ď	ď	ď
System Status	ď	ď	ď	ď	ď	ď	ď	ď	ď	ď	ď	ď	₹	ď	ď	ď	ď
Contacts	ď	ď	ď	ď	ď	ď	ď	ď	ď	ď	ď	ď	√	ď	ď	ď	ď
Service Tips	ď	ď	ď	ď	ď	ď	ď	ď	ď	ď	ď	ď	ď	ď	ď	ď	ď
Paper Forms				ď										ď	ď		
	I	SB	FF	AM	AMO	AC	ACO	ВМ	BFC	BFCO	BNC	ВОС	FIM	F	PTGM	PTGS	A

Account Struct	ures Key
I	Individual, Joint, Trust and IRA account users
SB	Corporate, Partnership, LLC and Unincorporated Businesses
FF	Friends and Family Group account users
AM	Advisor Master Individual
AMO	Advisor Master Organization (Corporate, Partnership, LLC, Unincorporated business)
AC	Advisor Client Individual (Individual, Joint, IRA with electronic access)
ACO	Advisor Client Organization (Corporate, Partnership, LLC, Unincorporated business with electronic access)
ВМ	Broker Master
BFC	Broker Fully Disclosed Client (Individual, Joint, IRA)

BFCO	Broker Fully Disclosed Client Organization (Corporate, Partnership, LLC, Unincorporated business)
BNC	Broker Non-Disclosed Client
ВОС	Broker Omnibus Client
FIM	Fund Investment Manager Master
F	Fund
PTGM	Proprietary Trading Group Master
PTGS	Proprietary Trading Group Sub
A	Administrator

Reference Menu Access Rights

All users and account structures can access the Reference menu.

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