

# Margin Service API - Authentication and Entitlement

This section contains information pertaining to user authentication and entitlement within the Margin Service API.

- [Authentication](#)
- [Entitlement](#)

## Authentication

To initiate a session with CORE's API, the client must make a request passing in the `username` and `password` parameters within the HTTP request headers. These credentials must be a valid CME Group Login or API ID.

Upon successful login, the Margin Service API will return a session ID in the `sessionId` HTTP response header.

## Entitlement

Entitlement for API calls are determined by the CME Group API ID used for authentication and by completing a standard API license with CME. To create a new API ID, create a login at <https://login.cmegroup.com/sso/navmenu.action>, then follow steps to create an API ID. Please reach out to [cme.core@cmegroup.com](mailto:cme.core@cmegroup.com) to discuss licensing access to the API.

Entitlements are provisioned by CME CORE system administrators. Entitlement management is not available through the Margin Service API.