Interactive Login - API Endpoint

Overview and limitations

The API login endpoint is the simplest method of integration for most applications in terms of expected development time but comes at the cost of being less flexible to edge-cases than the embedded Betfair embedded login page. It will allow a user to provide a username and password or a username and (password + 2 factor auth code) if they have strong authentication enabled.

- Customers who writing bots are for their own use are **strongly recommended** to use the non-interactive endpoint with an SSL certificate.
- We **recommend** that **3rd party applications** which will be exposed to a wide range of users use the Interactive Login method of embedding the Betfair embedded login page as this will allow your application to handle additional workflows, such as terms and conditions updates as well as additional jurisdictional specific identifiers.

The Keep alive and logout methods remain the same with this method of login.

URL Definition (Global)

API Login Endpoint
https://identitysso.betfair.com/api/login

Other Jurisdictions

Italian jurisdiction users:

```
https://identitysso.betfair.it/api/login
```

Spanish jurisdiction users:

```
https://identitysso.betfair.es/api/login
```

Romania jurisdiction users:

```
https://identitysso.betfair.ro/api/login
```

Parameters (POST)

Name	Description	Sample
username (mandatory)	The username to be used for the login	
password (mandatory)	The password to be used for the login. For strong auth customers, this should be their password with a 2 factor auth code appended to the password string.	

Headers

Name	Description	Sample
Accept (mandatory)	Signals that the response should be returned as JSON	application/json
X-Application (mandatory)	AppKey used by the customer to identify the product.	

The presence of the "Accept: application/json" will signal SSO that it should respond with JSON and not with a HTML page.

POST Example

Accept: application/json

X-Application: <AppKey>

Content-Type: application/x-www-form-urlencoded

URL endpoint: https://identitysso.betfair.com/api/login

Payload

username=username&password=password

Curl call sample

```
curl -k -i -H "Accept: application/json" -H "X-Application: <AppKey>" -X
POST -d 'username=<username>&password=<password>'
https://identitysso.betfair.com/api/login
```

Example of a successful login:

```
curl -k -i -H "Accept: application/json" -H "X-Application: <AppKey>" -X
POST -d 'username=<username>&password=<password>'
https://identitysso.betfair.com/api/login

{
   "token":"SESSION_TOKEN",
   "product":"APP_KEY",
   "status":"SUCCESS",
   "error":""
}
```

Response Structure

```
{
   "token":"<token_passed_as_header>",
   "product":"product_passed_as_header",
   "status":"<status>",
   "error":"<error>"
}
```

Status Values

```
SUCCESS
LIMITED_ACCESS
LOGIN_RESTRICTED
FAIL
```

Status Codes & Error values

The below describes the status codes that can be returned and the associated error values:

LIMITED_ACCESS - Access is limited (e.g. accounts can login but can't bet due to account suspension), product session will be provided.

```
{
   "token": product_token,
   "product": product,
   "status": LIMITED_ACCESS,
   "error": error
}

error = {PENDING_AUTH | SECURITY_QUESTION_WRONG_3X | KYC_SUSPEND |
SUSPENDED}
```

LOGIN_RESTRICTED - login is restricted (in case of indirection point this is what will be returned), product session will not be provided:

```
{
   "token": "",
   "product": product,
   "status": LOGIN_RESTRICTED,
   "error": error
}

error = {STRONG_AUTH_CODE_REQUIRED | DENMARK_MIGRATION_REQUIRED |
DANISH_AUTHORIZATION_REQUIRED | SPAIN_MIGRATION_REQUIRED |
SPANISH_TERMS_ACCEPTANCE_REQUIRED | ITALY_MIGRATION_REQUIRED |
ITALIAN_CONTRACT_ACCEPTANCE_REQUIRED | CHANGE_PASSWORD_REQUIRED |
PERSONAL_MESSAGE_REQUIRED}
```

FAIL - All other cases are treated as errors, product session will not be provided:

```
{
  "token": "",
  "product": product,
  "status": FAIL,
  "error": error
}

error = {TRADING_MASTER | TRADING_MASTER_SUSPENDED | AGENT_CLIENT_MASTER |
AGENT_CLIENT_MASTER_SUSPENDED | DENMARK_MIGRATION_REQUIRED | INVALID_PIN |
INVALID_USERNAME_OR_PASSWORD | PIN_DELETED_ON_FAILED_COUNT_EXCEEDED |
UNRECOGNIZED_DEVICE | DUPLICATE_CARDS | ACCOUNT_NOW_LOCKED |
ACCOUNT_ALREADY_LOCKED | SECURITY_RESTRICTED_LOCATION |
BETTING_RESTRICTED_LOCATION | INVALID_CONNECTIVITY_TO_REGULATOR |
INVALID_CONNECTIVITY_TO_REGULATOR | INVALID_CONNECTIVITY_TO_REGULATOR_IT |
INVALID_CONNECTIVITY_TO_REGULATOR_DK| NOT_AUTHORIZED_BY_REGULATOR |
NOT_AUTHORIZED_BY_REGULATOR | NOT_AUTHORIZED_BY_REGULATOR_DK |
NOT_AUTHORIZED_BY_REGULATOR_IT | TELBET_TERMS_CONDITIONS_NA | CLOSED |
SELF_EXCLUDED | NOT_AUTHORIZED_FOR_DOMAIN_ES | NOT_AUTHORIZED_FOR_DOMAIN_IT
| NOT_AUTHORIZED_FOR_DOMAIN_COM | AUTHORIZED_ONLY_FOR_DOMAIN_ES}
```

Please note that master account access is restricted for API/JSON requests.

```
{
  "token": "",
  "product": "APP_KEY",
  "status": FAIL,
  "error": error
}

error = {INPUT_VALIDATION_ERROR | FORBIDDEN | INVALID_USERNAME_OR_PASSWORD
| NO_SESSION | INVALID_PIN | INVALID_PIN_LOGIN_REQUEST |
INVALID_PIN_LOGIN_REQUEST}
```

Possible failure and exceptional return codes

loginStatus	Description
TRADING_MASTER_SUSPENDED	Suspended Trading Master Account
TRADING_MASTER	Trading Master Account
TELBET_TERMS_CONDITIONS_NA	Telbet terms and conditions rejected
SUSPENDED	the account is suspended

SPANISH_TERMS_ACCEPTANCE_REQUIRED	The latest Spanish terms and conditions version must be accepted
SPAIN_MIGRATION_REQUIRED	Spain migration required
SELF_EXCLUDED	the account has been self excluded
SECURITY_RESTRICTED_LOCATION	the account is restricted due to security concerns
SECURITY_QUESTION_WRONG_3X	the user has entered wrong the security question 3 times
PERSONAL_MESSAGE_REQUIRED	personal message required for the user
PENDING_AUTH	pending authentication
NOT_AUTHORIZED_BY_REGULATOR_IT	the user identified by the given credentials is not authorized in the IT's jurisdictions due to the regulators' policies. Ex: the user for which this session should be created is not allowed to act(play, bet) in the IT's jurisdiction.
NOT_AUTHORIZED_BY_REGULATOR_DK	the user identified by the given credentials is not authorized in the DK's jurisdictions due to the regulators' policies. Ex: the user for which this session should be created is not allowed to act(play, bet) in the DK's jurisdiction.
KYC_SUSPEND	KYC suspended
ITALIAN_CONTRACT_ACCEPTANCE_REQUIRED	The latest Italian contract version must be accepted
INVALID_USERNAME_OR_PASSWORD	the username or password are invalid
INVALID_CONNECTIVITY_TO_REGULATOR_IT	the IT regulator cannot be accessed due to some internal problems in the system behind or in at regulator; timeout cases included.
INVALID_CONNECTIVITY_TO_REGULATOR_DK	the DK regulator cannot be accessed due to some internal problems in the system behind or in at regulator; timeout cases included.
DUPLICATE_CARDS	duplicate cards
DENMARK_MIGRATION_REQUIRED	Denmark migration required
DANISH_AUTHORIZATION_REQUIRED	Danish authorization required
CLOSED	the account is closed
CHANGE_PASSWORD_REQUIRED	change password required
CERT_AUTH_REQUIRED	Certificate required or certificate present but could not authenticate with it
BETTING_RESTRICTED_LOCATION	the account is accessed from a location where betting is restricted
AGENT_CLIENT_MASTER_SUSPENDED	Suspended Agent Client Master
AGENT_CLIENT_MASTER	Agent Client Master
ACCOUNT_NOW_LOCKED	the account was just locked
ACCOUNT_ALREADY_LOCKED	the account is already locked
TEMPORARY_BAN_TOO_MANY_REQUESTS	The limit for successful login requests per minute has been exceeded. New login attempts will be banned for 20 minutes
ACCOUNT_PENDING_PASSWORD_CHANGE	the account must undergo password recovery to reactivate via https://identitysso.betfair.com/view/recoverpassword