

CME ClearPort API - User Authentication

Use this search bar to search topics within the CME ClearPort API.

This page lists message samples associated with User Authentication requests and the API responses associated with those. These messages are relevant for HTTP submission only and not needed for MQ submissions.

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User Request Samples

Logon Request

An HTTP user requesting session-based logon utilizes the FIXML Application-level User Request Message with User Request Type 1 (Logon):

```
<?xml version="1.0" encoding="UTF-8"?>
<FIXML v="5.0 SP2" s="20090815" xv="109" cv="CME.0001">
  <UserReq UserReqID="123456" UserReqTyp="1" Username="user123" Password="User!Pass5">
    <Hdr SID="BRKR" SSub="user123" TID="CME" TSub="CPAPI" />
  </UserReq>
</FIXML>
```

Logoff Request

```
<?xml version="1.0" encoding="UTF-8"?>
<FIXML v="5.0 SP2" s="20090815" xv="109" cv="CME.0001">
  <UserReq UserReqID="123456" UserReqTyp="2" Username="user123" Password="User!Pass5">
    <Hdr SID="BRKR" SSub="user123" TID="CME" TSub="CPAPI" />
  </UserReq>
</FIXML>
```

User Response Samples

Successful Logon Response

```
<?xml version="1.0" encoding="UTF-8"?>
<FIXML v="5.0 SP2" s="20090815" xv="109" cv="CME.0001">
  <UserRsp UserReqID="123456" Username="user123" UserStat="1">
    <Hdr SID="CME" SSub="CPAPI" TID="BRKR" TSub="user123" />
  </UserRsp>
</FIXML>
```

Successful Logoff Response

```
<?xml version="1.0" encoding="UTF-8"?>
<FIXML v="5.0 SP2" s="20090815" xv="109" cv="CME.0001">
  <UserRsp UserReqID="123456" Username="user123" UserStat="2">
    <Hdr SID="CME" SSub="CPAPI" TID="BRKR" TSub="user123" />
  </UserRsp>
</FIXML>
```