

# Margin Service API - Analytics - RealTimeMargin

## Request structure

Name	Type	Required	Notes
Cycle Date	Date /Time	Yes	The date in which the maintenance margin requirement is from
Code	String	No	The point in time in which the maintenance margin requirement is for
Entities clrOrgID	String	No	The central clearing organization that is clearing the trades submitted by the clearing member firm on behalf of themselves or their client
ClrMbrFirmID	String	No	The ID of the clearing member firm that is currently clearing the trades within a given performance bond account for a given client
PbAcctID	String	Yes	The ID used to identify the the performance bond account in which the cleared trades exist
CustAcctID	String	No	
Origin	String	No	The segregation of the performance bond account

## Response structure

Name	Type	Required	Notes
Status	Async Status	Yes	
Error Code	Async Status	No	
Error Message	Async Status	No	
Cycle Date	Date/Time	Yes	The date in which the maintenance margin requirement is from
Code	String	Yes	The point in time in which the maintenance margin requirement is for
Entities clrOrgID	String	Yes	The central clearing organization that is clearing the trades submitted by the clearing member firm on behalf of themselves or their client
ClrMbrFirmID	String	Yes	The ID of the clearing member firm that is currently clearing the trades within a given performance bond account for a given client
PbAcctID	String	Yes	The ID used to identify the the performance bond account in which the cleared trades exist
CustAcctID	String	Yes	
Origin	String	Yes	The segregation of the performance bond account
Stats TradeCount	String	Yes	The amount of trades within the performance bond account
MarginMaintAmt	Decimal	Yes	The maintenance margin of the performance bond account
Ccy	Currency	Yes	Currency of the maintenance margin amount

**REST Request type:** POST

**URL:** /MarginServiceApi/ 1.4 /analytics/RealTimeMargin

### **Code:**

Within the API request, a user may specify either EOD or CUR.

If EOD, the API will return the margin result for the previous day's EOD positions.

If CUR, the API will return the margin requirement for the current day's positions, which may change throughout the day.

EOD: End of Day

CUR: Current Day

**Availability of Service:**

**CUR Margin Calls**

CUR margin calls, with refreshed trades and market data, will be available week days from **4:00 a.m. CT until 4:00 p.m. CT.**

CUR margin calls will be unavailable weekends from **Friday 8:00p.m. CT – Sunday 5:00 p.m. CT**, as well as scheduled down times for the CME CORE API and GUI.

CUR margin calls should only be utilized for current day (T).

**EOD Margin Calls**

EOD margin calls for the previous day(s) will be unavailable weekends **starting Friday 10:00p.m. CT – Sunday 5:00 p.m. CT** and during scheduled downtimes for the CME CORE API and GUI.

EOD margin calls for the current business day will be unavailable until approximately **8:00 p.m. CT**

**Real Time Margin Request - Single Account**

```
<?xml version="1.1" encoding="UTF-8" standalone="yes"?>
<ns2:portfolioStatsReq xmlns:ns2="http://cmegroup.com/schema/core/1.4">
<cycle date='2016-05-05' code='EOD' />
<entities clrOrgId='CME' clrMbrFirmId='123' pbAcctId='account1' custAcctId='123' origin='CUST' />
</ns2:portfolioStatsReq>
```

**Real Time Margin Response - Single Account**

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<ns2:portfolioStatsRpt
xmlns:ns2="http://cmegroup.com/schema/core/1.4" status="SUCCESS">
<portfolioStats>
<cycle date="2016-05-04" code="EOD"/>
<entities clrOrgId="CME" clrMbrFirmId="123" pbAcctId="account1" origin="CUST"/>
<stats tradeCount="14" marginMaintAmt="1234.123" ccy="USD"/>
</portfolioStats>
</ns2:portfolioStatsRpt>
```

**Real Time Margin Request - Multiple Accounts**

```
<?xml version="1.1" encoding="UTF-8" standalone="yes"?>
<ns2:portfolioStatsReq xmlns:ns2="http://cmegroup.com/schema/core/1.4">
<cycle date='2016-05-05' code='CUR' />
<entities pbAcctId='account1' />
<entities clrOrgId='CME' clrMbrFirmId='123' pbAcctId='account1' custAcctId='123' origin='CUST' />
<entities clrOrgId='CME' clrMbrFirmId='123' pbAcctId='account2' custAcctId='123' origin='CUST' />
</ns2:portfolioStatsReq>
```

**Real Time Margin Response - Multiple Accounts**

```

<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<ns2:portfolioStatsRpt
xmlns:ns2="http://cmegroup.com/schema/core/1.4" status="SUCCESS">
<portfolioStats>
<cycle date="2016-05-04" code="CUR" />
<entities clrOrgId="CME" clrMbrFirmId="123" pbAcctId="account1" origin="CUST"/>
<stats tradeCount="14" marginMaintAmt="1234.123" ccy="USD"/>
</portfolioStats>
<portfolioStats>
<cycle date="2016-05-04" code="CUR" />
<entities clrOrgId="CME" clrMbrFirmId="123" pbAcctId="account2" origin="CUST"/>
<stats tradeCount="35" marginMaintAmt="4321.12" ccy="USD"/>
</portfolioStats>
</ns2:portfolioStatsRpt>

```

### Real Time Margin Request - All Accounts

```

<?xml version="1.1" encoding="UTF-8" standalone="yes"?>
<ns2:portfolioStatsReq xmlns:ns2="http://cmegroup.com/schema/core/1.4">
<cycle date='2016-05-05' code='CUR' />
</ns2:portfolioStatsReq>

```

### Real Time Margin Response - All Accounts

```

<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<ns2:portfolioStatsRpt
xmlns:ns2="http://cmegroup.com/schema/core/1.4" status="SUCCESS">
<portfolioStats>
<cycle date="2016-05-04" code="CUR" />
<entities clrOrgId="CME" clrMbrFirmId="123" pbAcctId="account1" origin="CUST"/>
<stats tradeCount="14" marginMaintAmt="1234.12" ccy="USD"/>
</portfolioStats>
<portfolioStats>
<cycle date="2016-05-04" code="CUR" />
<entities clrOrgId="CME" clrMbrFirmId="123" pbAcctId="account2" origin="CUST"/>
<stats tradeCount="35" marginMaintAmt="4321.12" ccy="USD"/>
</portfolioStats>
<portfolioStats>
<cycle date="2016-05-04" code="CUR" />
<entities clrOrgId="CME" clrMbrFirmId="123" pbAcctId="account3" origin="CUST"/>
<stats tradeCount="16" marginMaintAmt="6789.12" ccy="USD"/>
</portfolioStats>
</ns2:portfolioStatsRpt>

```