



Commercial Bank of Ethiopia

System Development and Customization

CBE Exchange Rate API Specification Document

August, 2024

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General API information

Web Service URL	Production: https://www.cbews.com.et/SDC/services?wsdl
Protocol	SOAP
Transport Protocol	SOAP over HTTPS
Service types	Exchange Rate query: This service returns the current date exchange rate of each currency with respective details.

Header parameters used in request

Field Name	Sample	Description
company	<company/>	Company Code (Default is empty)
password	<password>password</password>	T24 Password
userName	<userName>userName</userName>	T24 User Name

Request and Response Sample

Request Sample

```
<soapenv:Envelope
xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:sd="http://temenos.com/SDC.SERVICES">
  <soapenv:Header/>
  <soapenv:Body>
    <sd:TodayExchangeRate>
      <WebRequestCommon>
        <company/>
        <password>password</password>
        <userName>userName</userName>
      </WebRequestCommon>
      <CBEEEXCHANGERATEType>
        <enquiryInputCollection>
          <columnName></columnName>
          <criteriaValue></criteriaValue>
          <operand></operand>
        </enquiryInputCollection>
      </CBEEEXCHANGERATEType>
    </sd:TodayExchangeRate>
  </soapenv:Body>
</soapenv:Envelope>
```

Response Description

Response column	Description
ns2:ID	Currency code (e.g. USD, EUR, AED...)
ns2:NUMERICCCYCODE	Numeric Currency code (e.g. 784, 124, 208...)
ns2:CCYNAME	Currency name
ns2:CURRENCYMARKET	Market Type (Cash and Transaction)
ns2:BUYRATE	Buying Rate
ns2:SELLRATE	Selling Rate
ns2:MIDRATE	Average Rate (buying rate + selling rate)/2

Response Sample

```
<S:Envelope xmlns:S="http://schemas.xmlsoap.org/soap/envelope/">
  <S:Body>
    <ns3:TodayExchangeRateResponse xmlns:ns3="http://temenos.com/SDC.SERVICES"
      xmlns:ns2="http://temenos.com/CBEEEXCHANGERATE">
      <Status>
        <successIndicator>Success</successIndicator>
      </Status>
      <CBEEEXCHANGERATEType>
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          <ns2:mCBEEEXCHANGERATEDetailType>
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            <ns2:CCYNAME>United Arab Emirates Dirhams</ns2:CCYNAME>
            <ns2:CURRENCYMARKET>Transaction</ns2:CURRENCYMARKET>
            <ns2:BUYRATE>22.86</ns2:BUYRATE>
            <ns2:SELLRATE>23.31</ns2:SELLRATE>
            <ns2:MIDRATE>23.09</ns2:MIDRATE>
          </ns2:mCBEEEXCHANGERATEDetailType>
          <ns2:mCBEEEXCHANGERATEDetailType>
            <ns2:ID>AED</ns2:ID>
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            <ns2:SELLRATE>20.86</ns2:SELLRATE>
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          <ns2:mCBEEEXCHANGERATEDetailType>
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            <ns2:SELLRATE>55.67</ns2:SELLRATE>
            <ns2:MIDRATE>55.12</ns2:MIDRATE>
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  </S:Body>
</S:Envelope>
```

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```

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```



```

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```

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