

# CME STP Transport Adapter

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## Configuration

Transport adapter properties start with `TransportLayer.CMESTP`

### TransportLayer.CMESTP.PollInterval

STP Adapter subscription polling interval in seconds. Valid values are 1 - 1799, default value: 3

It is an interval in seconds between a time when data from STP is received and the next request.

## Example

### FIXEdge.properties

```
#-----  
# The CME STP Adaptor configuration file.  
#-----  
  
# Adaptor's name. Property is required  
TransportLayer.CMESTP.Description = CME STP Transport Adaptor  
  
# Contains path and name of the STP adaptor dll. Property is required  
TransportLayer.CMESTP.DllName = bin/STPAdaptor-vc10-MD-x64.dll  
  
#libSTPAdaptor.so  
# This parameter determines the name of STP client.  
TransportLayer.CMESTP.Session = STP  
  
# STP server name or IP address. The property is required.  
TransportLayer.CMESTP.ServerName = https://servicesnr.cmegroup.com  
  
#New Release: https://servicesnr.cmegroup.com  
# STP server port. The property is required.  
TransportLayer.CMESTP.ServerPort = 443  
  
# URL name of providing HTTP POST service. The property is required.  
TransportLayer.CMESTP.URI = /cmestp/query  
  
#Proxy server host. Optional.  
#TransportLayer.CMESTP.ProxyHost  
#Proxy server port. Optional.  
#TransportLayer.CMESTP.ProxyPort  
#Proxy user login. The property is required if authorization is needed, otherwise - not required.  
#TransportLayer.CMESTP.ProxyLogin  
#Proxy user password. The property is required if authorization is needed, otherwise - not required.  
#TransportLayer.CMESTP.ProxyPassword  
# The version of the session protocol. Protocol is valid for outgoing messages.  
# Values: FIX40, FIX41, FIX42, FIX43, FIX44. Default value is FIX44.  
# The property is not required.  
TransportLayer.CMESTP.Protocol = FIX44  
  
# When true, the incoming FIX messages with type "n" (XML message) will be extracted for tag 213 (XmlData).  
Default value is 'true'.  
# The property is not required if DefaultSmarXMLProcessing defined, otherwise - required.  
TransportLayer.CMESTP.SmartXMLProcessing = true  
  
# Message sending timeout, defined for a specified session. The property is not required.
```

```
TransportLayer.CMESTP.SendingTimeout = 5

# Number of sending attempts. Value '0' the unlimited number of attempts. By default value is 2.
# The property is not required.
TransportLayer.CMESTP.SendingMaxAttempts = 2

# STP server connection timeout, defined for a specified session. The property is not required.
TransportLayer.CMESTP.ConnectionTimeout = 10

# STP server keep-alive timeout in seconds, defined for a specified session. By default value is 3600 seconds
(hour).
# The property is not required.
TransportLayer.CMESTP.KeepAliveTimeout = 1900

# Forces STP reconnection if connection loses or failed. Default is 'false'.
# The property is not required.
TransportLayer.CMESTP.ForceReconnect = false

# Number of reconnection attempts. Value '-1' tries the unlimited number of reconnections.
# The property is required when Session.ForceReconnect property has 'true'.
TransportLayer.CMESTP.Reconnect.MaxTries = -1

#Logon/logout response message templates. Will be sent when user attempts to send logon. @USER@ and @REQID@
will be replaced with name and id received from user.
TransportLayer.CMESTP.Templates.LogonResponseMessage=<FIXML v="4.4" s="20040109" r="20030618"><UserRsp
UserReqID="@REQID@" Username="@USER@" UserStat="1"/></FIXML>
TransportLayer.CMESTP.Templates.LogonRejectMessage=<FIXML v="4.4" s="20040109" r="20030618"><UserRsp UserReqID="
@REQID@" Username="@USER@" UserStat="2" UserStatText="Illegal request"/></FIXML>
TransportLayer.CMESTP.Templates.LogoutResponseMessage=<FIXML v="4.4" s="20040109" r="20030618"><UserRsp
UserReqID="@REQID@" Username="@USER@" UserStat="2"/></FIXML>
TransportLayer.CMESTP.Templates.LogoutRejectMessage=<FIXML v="4.4" s="20040109" r="20030618"><UserRsp
UserReqID="@REQID@" Username="@USER@" UserStat="3" UserStatText="@TEXT@"/></FIXML>

#Transport error message template. Will be sent when transport session to CME goes down. @USER@ and @REQID@
will be replaced with name and id received from user.
TransportLayer.CMESTP.Templates.TransportErrorMessage=<FIXML v="4.4" s="20040109" r="20030618"><UserRsp
UserReqID="@REQID@" Username="@USER@" UserStat="2" UserStatText="Transport Error: Connection to CME was lost"
/></FIXML>

#Subscription response/reject message templates. Will be sent when user requests active subscription. @REQID@
will be replaced with id received from user.
TransportLayer.CMESTP.Templates.SubscriptionResponseMessage=<FIXML v="4.4" s="20040109" r="20030618"
><TrdCaptRptReqAck ReqID="@REQID@" ReqTyp="@REQTYP@" ReqRslt="0" ReqStat="@STAT@"/></FIXML>
TransportLayer.CMESTP.Templates.SubscriptionRejectMessage=<FIXML v="4.4" s="20040109" r="20030618"
><TrdCaptRptReqAck ReqID="@REQID@" ReqTyp="@REQTYP@" ReqRslt="1" ReqStat="2" Txt="Illegal subscription request"
/></FIXML>
TransportLayer.CMESTP.Templates.SubscriptionInvalidMessage=<FIXML v="4.4" s="20040109" r="20030618"
><TrdCaptRptReqAck ReqID="@REQID@" ReqTyp="@REQTYP@" ReqRslt="9" ReqStat="2" Txt="Unsupported request type"/><
/FIXML>

#STP Adapter subscription polling interval in seconds. Valid values are 1 - 1799, default value: 3
TransportLayer.CMESTP.PollInterval = 3
```