

# iLink 2 Logon from Client System to CME Globex

This topic contains the message specification for the **Logon (tag 35-MsgType=A) message** sent from the Client System to CME Globex initiates the session logon.

Possible CME Globex response messages: Logon (tag 35-MsgType=A), Logout (tag 35-MsgType=5), or Session Level Reject (tag 35-MsgType=3).

Tag	Name	FIX Type	Enumeration	Req	Description
<a href="#">Standard Header - Client System to CME Globex</a>					
35	MsgType	String (2)	A=Logon	Y	Header tag identifying message type.
108	HeartBtInt	Int(3)	30-60 inclusive	Y	Hearbeat interval in seconds. <ul style="list-style-type: none"> <li>CME Group requires a <a href="#">heartbeat interval</a> between 5 and 60 seconds. Intervals of less than 5 seconds are not permitted. Intervals longer than 60 seconds are not supported. The recommended value is 30 (seconds).</li> <li>CME Globex uses the <a href="#">heartbeat interval</a> submitted in the customer Logon message.</li> </ul>
141	ResetSeqNumFlag	Boolean(1)	Y=Yes, reset sequence numbers N=No	C	Indicates that both sides of the FIX session should reset sequence numbers.  For <a href="#">beginning of week</a> and <a href="#">mid-week logon</a> , tag 141 is optional but a Logon message with 141=Y will receive a Logout message in response. During <a href="#">in-session logon</a> , tag 141 is required and must be set to "Y".  Messages with incorrect or missing tag 141 values will result in session logout.
1603	ApplicationSystemName	String (30)	Value obtained from <a href="#">GAM</a> or ISV.	Y*	Identifies system generating the message.
1604	TradingSystemVersion	String (10)	Value obtained from <a href="#">GAM</a> or ISV.	Y*	Identifies the version of the system generating the message.
1605	ApplicationSystemVendor	String (10)	Value obtained from <a href="#">GAM</a> or ISV.	Y*	Identifies the vendor of the application system.
354	EncodedTextLen	Length (2)		C	Length of the Access Key ID.  Must be sent if tag 355-EncodedText field is specified and must immediately precede it.
355	EncodedText	Data (32)		C	Contains the Access Key ID assigned to the session ID in tag 49-SenderCompID.
1400	EncryptedPasswordMethod	String (13)	CME-1-SHA-256	C	Defines the method used to create secure cryptographic hash in the encrypted password field.  For day 1 the only valid value supported is CME-SHA-256 which represents first CME version of message digest or hash of SHA-256.
1401	EncryptedPasswordLen	Length (2)		C	Length of tag 1402-EncryptedPassword which contains the HMAC signature.
1402	EncryptedPassword	Data (44)		C	Contains the HMAC signature built with HMAC data using the instruction provided.
<a href="#">iLink 2 Standard Message Trailer</a>					End of message.

Y: Required by FIX protocol, Y\*: Required by CME Globex (not by FIX protocol), N: Not Required, C: Conditionally

See [Session Layer Validation Rejects](#) for a list of error messages for tag 58-Text for the Logon message.