

Message Class 0074 - EntireX ACI - No request or Message Available

This message class is returned when no request or data/message is available for processing. However, no conversations are lost. It occurs only in SEND or RECEIVE operations in the following situations:

1. The WAIT time specified in the ACI has elapsed in blocked operations.
2. A non-blocked operation was issued and no request or data/message was available.

With clients in conversational mode, this response can be followed by a RECEIVE operation. We do not recommend retrying too often as the counterpart could be having problems, and so a loop is produced. When a new conversation is started with SEND and CONV-ID=NEW and this response is retrieved, the service requesting side (client) has a conversation, even if there is no server available. In this case, a RECEIVE or an EOC operation should follow. In non-conversational mode, the SEND operation can be retried, but ensure that no loop is programmed.

For servers retrieving this response is a normal situation when issuing a RECEIVE operation for incoming request/conversations. Usually the operation is retried, after reporting a "living message" in the server's log. We do not recommended waiting too long for a specific or old conversation, as the counterpart could be having problems, and servers should not be blocked too long by old conversations.

The messages have the format:

0074nnnn

where 0074 is the message class, and

nnnn is the message number in the range 0000 - 9999

Overview of Messages

00740009	00740074	00740300	00740301	00740345	00740346
00740347	00740399	00740480	00740481	00749460	00749461

00740009 Conversation Found - No Message

Explanation The user polled for data/messages within an existing conversation (non-blocked RECEIVE with CONV-ID=*n*) and no data/message is available. However, the conversation still exists.

Action This is an informational message. How the program continues depends on the application.

00740074 Wait Timeout Occurred

Explanation The period specified by the `WAIT` field in the API has elapsed without any reply or request arriving to satisfy the Broker call. The conversation still exists and can continue.

Action Check the following situations:

1. In a `RECEIVE` for servers, this is an information message when not waiting for a specific conversation. No request is available for processing. The `RECEIVE` is normally issued again.
2. When this occurs for a specific conversation, a `RECEIVE` can be issued to wait again for the data/message, or the conversation can be aborted with an `EOC` call.
3. When this occurs in a client in non-conversational mode, the call can be retried.
4. Check if the partner is working correctly.

00740300 Conversation found no units of work

Explanation There is no unit of work available to be received in this conversation.

Action This message is for diagnostic purposes only. Make sure that the sender sends and commits at least one unit of work in this conversation.

00740301 Conversation found end of unit of work

Explanation The end of the unit of work was reached for this conversation prior to the last `RECEIVE`. Usually this means that an extra `RECEIVE` command was issued.

Action This message is for diagnostic purposes only. Check ACI field `UOWSTATUS` to see if it indicates that the last `RECEIVE` for the UOW was processed. See `UOWSTATUS` under *Broker ACI Fields*.

00740345 Service MAX-UOWS Reached

Explanation You are attempting to send a UOW to a service that already has queued to it the maximum number of UOWs allowed, as specified by the `MAX-UOWS` attribute.

Action Increase the server's `MAX-UOWS` attribute or investigate why the server is not receiving and processing UOWs. If you increase the `MAX-UOWS` attribute, you may need to increase other attributes as well, for example `NUM-CONVERSATION`, `NUM-LONG-BUFFER`, `NUM-SHORT-BUFFER`.

00740346 Service Does Not Support UOW

Explanation You are attempting to send a UOW to a service that does not accept UOWs, as indicated by `MAX-UOWS=0` in the server's attribute definition.

Action If the server is to handle UOWs, set its `MAX-UOWS` attribute to an appropriate non-zero value.

00740347 Max. Number of Messages per UOW Reached

Explanation You are attempting to send a UOW that contains more messages than are allowed by the `MAX-MESSAGES-IN-UOW` attribute.

Action If you increase the `MAX-MESSAGES-IN-UOW` attribute, you may also need to increase other attributes as well, for example `NUM-LONG-BUFFER` or `NUM-SHORT-BUFFER`.

00740399 Max messages per publication reached

Explanation You are attempting to send a publication that contains more messages than are allowed by the `MAX-MESSAGES-IN-PUBLICATION` attribute.

Action If you increase the `MAX-MESSAGES-IN-PUBLICATION` attribute, you may also need to increase other attributes as well, for example `NUM-LONG-BUFFER` or `NUM-SHORT-BUFFER`.

00740480 Publication found: end of data

Explanation All messages for the current publication have been received: there is no more data

Action Ensure messages belonging to publication have been processed and issue `CONTROL_PUBLICATION` command, `OPTION=COMMIT`.

00740481 Publication found: no data

Explanation The user polled for data/messages within an existing publication (non-blocked `RECEIVE` with `PUBLICATION-ID=n`) and no data/message is available. However, the publication still exists.

Action This is an informational message. How the program continues depends on the application.

00749460 POSITIVE CONFIRMATION RECEIVED

Explanation `CONFIRMATION=COA` or `COD` was specified in the Directory Entry for this server, and a positive confirmation to a previous `SEND` has been received.

00749461 EXPIRATION REPORT RECEIVED

Explanation EXPIRATION= specified in the Directory Entry for this server, and a message was sent, but has expired before being delivered to the server.