

# REVH\* - Adabas Review Hub Messages

## Overview of Messages

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**REVH03**     *hub-id* CLIENT *dbid* [ - *nuc-id* ] HAS REGISTERED IN

**Explanation**     When a client nucleus initializes, the nucleus sends a call to the hub specified on the ADARUN parameter REVIEW to determine whether an Adabas Review hub is active. When it receives the call, the Adabas Review hub displays this message identifying the DBID of the client nucleus. If the client nucleus is a member of an ADASMP or Adabas sysplex cluster, then the corresponding nucleus ID is also displayed.

**Action**             None required. This is for your information only.

**REVH06**     *hub-id* CLIENT *dbid* [ - *nuc-id* ] HAS CHECKED OUT

**Explanation**     When a client nucleus is closing, the nucleus calls the hub identified on the ADARUN REVIEW parameter. When it receives the call, the hub displays this message identifying the DBID of the client nucleus. If the client nucleus is a member of an ADASMP or Adabas sysplex cluster, then the corresponding nucleus ID also displayed.

**Action**             None required. This is for your information only.

**REVH07**     *hub-id* CLIENT *dbid* WAS DELETED

**Explanation**     The specified client nucleus was deleted from the hub's registered client list.

**Action**             None required. This is for your information only.

**REVH10**     *hub-id* CLIENT *dbid* WAS SENT A MESSAGE

**Explanation**     When there is a change in the monitoring or reporting status of a client nucleus by Adabas Review, the hub sends a notification to the client nucleus. This message is displayed when the notification is sent to the client nucleus.

**Action**             None required. This is for your information only.

**REXH11**     *hub-id* { NO | *count* } REVIEW REPORT(S) STARTED.  
*hub-id* { NO | *count* } REPORT(S) REQUIRING BUFFERS.

**Explanation**   These messages are displayed in conjunction with the REXH10 message and indicate the status of information transmitted to the client nucleus by the hub.

*count* indicates the number of started reports and/or the number of reports requiring buffers.

**Action**       None required. This message is for your information only.

**REXH12**     *hub-id* OUTBOUND MESSAGE TO CLIENT *dbid* RECEIVED A RSP *rsp*

**Explanation**   This message is displayed at the completion of a notification call to a client nucleus identified by *dbid*. A response code of zero indicates that the message was successfully received.

**Action**       No action is required for this informational message.

**REVH13**     *hub-id dbid nucid last-act rpt-strt buf rpt-buf wbuf log-recs*

**Explanation** This message is displayed in response to the DCLIENT operator command. A title that reads " *hubid DBID NUCID LAST-ACT RPT BUF RPTS WBUF LOG-RECORDS*" appears as the first REVH13 message. Thereafter, the following information is supplied under the corresponding column titles for each client nucleus registered with the hub:

<i>hubid</i>	Adabas Review hub ID
<i>dbid</i>	database ID of the client nucleus
<i>nucid</i>	If the client nucleus represents an ADASMP or ADAPLEX+ cluster, the number of members registered with the hub is also displayed.
<i>last-act</i>	time of last activity or the time when the last command log record was received from the client nucleus, in <i>hh:mm:ss</i> format.
<i>rpt-strt</i>	whether there are any started reports for this client: "Y" means YES; "N" means NONE.
<i>buf</i>	whether any of the started reports requires the Adabas control buffers to be delivered to the hub: "Y" means YES; "N" means NONE.
<i>rpt-buf</i>	number of started reports for this client nucleus.
<i>wbuf</i>	number of reports requiring buffers to be delivered.
<i>log-recs</i>	number of command log records received from the client nucleus.

**Action** None required. This is for your information only.

**REVH14**     *hub-id CLIENT dbid IS NOT REGISTERED*

**Explanation** This message is displayed in response to an operator command that requested a service for a nonexistent client nucleus. The requested client nucleus could not be found in the hub's registered client list.

**Action** Ensure that the correct client nucleus ID is properly specified and reenter the operator command.

**REVH15**     *hub-id NO CLIENTS REGISTERED*

**Explanation** An operator command requested a service or status and there are no client nuclei presently listed in the hub's registration list.

**Action** None required. This is for your information only.

**REVH16**     *hub-id* **THE REVIEW HUB IS NOT RUNNING APF AUTHORIZED**

**Explanation**    To use the Transport feature of the Adabas Review hub under z/OS, the load library needs to be APF-authorized.

**Action**            APF-authorize the load library if you want to use the Transport feature.

**REVH17**     *hub-id* **TRANSPORT IS DISABLED**

**Explanation**    The reason is provided in the previous message.

**Action**            The Transport feature is not available in z/VSE environments. To use the Transport feature in other supported operating environments, refer to the previous message.

**REVH21**     *hub-id* **A CLIENT ATTEMPTED TO REGISTER WITHOUT A DBID**

**Explanation**    The hub received a call from an unknown client. The hub ignores the request.

**Action**            None required. This is for your information only.

**REVH22**     *hub-id* **CLIENT *dbid* UNABLE TO ALLOCATE LIST SPACE**

**Explanation**    The hub was unable to insert a new client into its registration list. The client is given a non-zero response to prevent further communication. The hub continues processing and the registration of the new client is ignored.

**Action**            Enter a DCLIENT=ALL operator command and review the list of clients. If there is a possibility of deleting a non-active client, then enter the STOPCLIENT=*dbid* operator command to stop the client from sending data, followed by a DELCLIENT=*dbid* to release the space in the registration list. To initiate the registration of the previously rejected client, start an Adabas Review report for that client.

**REVH24**     *hub-id* **REVIEW NUCLEUS TERMINATED, REVIEW HUB ABORTING**

**Explanation**    The Adabas Review nucleus terminated abnormally. The hub can no longer process Adabas Review data and will terminate.

**Action**            Check all messages from Adabas Review to determine the cause of the abnormal termination of the Adabas Review nucleus. Correct the problem and restart Adabas Review.

**REVH25**     *hub-id* REVIEW BUFFER SHORTAGE, INCREASE VALUE FOR BUFFER-SEGMENTS

**Explanation**     The hub incurred a shortage of REVIEW buffers. The value for the available storage can be determined by the BUFFER-SEGMENTS parameter of the INPUT statement

**Action**             See the *Adabas Review User* documentation.

**REVH26**     *hubid* HAND SHAKE COMMAND FOR DATA BASE *dbid* ISSUED UBRSP=*ubrsp*

**Explanation**     For diagnostic purposes, a handshake trace from the Adabas Review hub to the databases is activated. The Adabas Review hub issues a handshake command to a database because a report for this database is started, changed, or stopped. When the Adabas Review hub is brought down via ADAEND, the handshake command for the databases is also issued. UBRSP=8 indicates that the command is immediately complete and a 16-call is not required. UBRSP=4 indicates that the call is not complete and a 16-call is required.

**Action**             No action is required for this informational message.

**REVH27**     *hubid* HAND SHAKE COMMAND FOR DATA BASE *dbid* HAS COMPLETED *hubid* RSP=*acbrsp/acbsubcode*, ACBRSP=*acbrsp*

**Explanation**     For diagnostic purposes, a handshake trace from the Adabas Review hub to the databases is activated. An Adabas X'1C' call with UB was sent to a database by the Adabas Review hub and message REVH26 was issued. A 16-call was issued (if required) and the command completed with the indicated response code and subcode.

**Note:**

ACBRSP=148 most likely means the database was not active.

**Action**             No action is required for this informational message.

**REVH29**     *hubid* NO UB AVAILABLE FOR COMMAND TO CLIENT *dbid*

**Explanation**     The hub attempted to send a command to the indicated client but found that its internal pool of UBs was exhausted.

**Action**             This may be a transient condition if the hub is servicing many clients in a very busy system. Issue the STARTCLIENT operator command to reinitiate handshaking. If this does not resolve the error, contact your Software AG technical support representative.

**REVH30**     *hubid* LOGIC ERROR COMPLETING COMMAND TO CLIENT *dbid*

**Explanation**     A command sent from the hub to a client was thought to be complete, but the 16-call did not mark it as complete. This is normally a logic error, but it might also occur during hub termination if the client was unresponsive..

**Action**             Contact your Software AG technical support representative if this does not relate to an unresponsive client during hub termination.

**REVH31**     *hubid* INVALID STORAGE KEY *x*

**Explanation**     The Adabas Review hub can only run in storage key 0 or 8.

**Action**             Start the Adabas Review hub again under storage key 0 or storage key 8.