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   No action is required for this informational message.

REVH04   *hub-id* **CLIENT MONITORING** *jobname* **HAS REGISTERED IN**

Explanation   When client reporting 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 job name of the client nucleus.

Action   No action is required for this informational message.

REVH06   *hub-id* **CLIENT {***dbid|nucid***} 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   No action is required for this informational message.

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   No action is required for this informational message.

REVH11   *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 REVH10 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.

REVH12   *hub-id* **OUTBOUND MESSAGE TO CLIENT {***dbid|nucid***} RECEIVED RSP** *rsp/subcode*

Explanation   This message is displayed at the completion of a notification call to a client nucleus identified by the database ID (*dbid*) or nucleus ID (*nucid*) given in the message. In cluster environments, a nucleus ID is listed; in all other environments, a database ID is listed. A response code of zero indicates that the message was successfully received.

Action   No action is required for this informational message.

REVH13   *hubid* **Dbid Nucid Last-act Rpts Buffers Log-records**
                hubid dbid nucid last-act-time globrpts/dbrpts buffers log-recs
                hubid **CL** *jobname last-act-time clientrpts/dbrpts ------- log-recs*

Explanation   This message is displayed in response to the DCLIENT operator command. A title that reads " *hubid* Dbid Nucid Last-act Rpts Buffers 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:

buffers	The buffers requested for this client are displayed in the following format `frsvtom`, where: • *f*: An"F" appears here if a format buffer was requested. • *r*: An "R" appears here if a record buffer was requested. • *s*: An "S" appears here if a search buffer was requested. • *v*: A "V" appears here if a value buffer was requested. • *i*: An "I" appears here if an ISN buffer was requested. • *o*: An "O" appears here if an I/O list buffer was requested. • *m*: An "M" appears here if a multifetch buffer was requested If a buffer type was not requested, a dash ("-") appears in the appropriate location above. **Note:** In the case of the client report line in this message (the line starting with CL), there are no buffers, so dashes will appear in this section.
clientrpts	The number of client reports running.
dbid	The database ID of the client nucleus.
dbrpts	The number of database-specific reports running for this client.
globrpts	The number of DBID=ALL reports running for this client.
hubid	The Adabas Review hub ID.
jobname	The job name of the client reporting client.
last-act-time	The time of last activity or the time when the last command log record was received from the client nucleus, in *hh:mm:ss* format.
log-recs	The number of command log records received from the client nucleus. For client report entries, this is the number of all command log records received from the client address space identified by the job name given in the message (*jobname*).
nucid	If the client nucleus represents an Adabas Parallel Services or Adabas Cluster Services database, the number of the nucleus within the cluster is also displayed.

The last line of the message lists the number of client reports running in the hub.

Action   No action is required for this informational message.

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 Trans-port 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 Trans-port feature.

REVH17   *hub-id* **TRANS-PORT IS DISABLED**

Explanation   The reason is provided in the previous message.

Action   The Trans-port feature is not available in z/VSE environments. To use the Trans-port 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* **HANDSHAKE COMMAND FOR DATA BASE {*dbid*|*nucid*} 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.

                  Either a database ID (*dbid*) or nucleus ID (*nucid*) is given in the message. In cluster environments, a nucleus ID is listed; in all other environments, a database ID is listed.

Action   No action is required for this informational message.

REVH27	*hubid* **HANDSHAKE COMMAND FOR DATA BASE {*dbid|nucid*} 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.

Either a database ID (*dbid*) or nucleus ID (*nucid*) is given in the message. In cluster environments, a nucleus ID is listed; in all other environments, a database ID is listed.

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.