

## **MSE Technical Bulletin**

# **Partitioning and Internet Broker Error Messages**

### **Preface:**

The aim of this tech bulletin is to provide a list of the broker error messages in the partitioning and Internet environments and to explain where these messages originate in both the partitioning and Internet environments.

### **General:**

When a request is sent from a Magic client, the error messages are extracted from the local MGCONST of the engine that sent the request.

When the error messages are returned from the Internet requester, the text is extracted from an internal error messages table in the MGRQGNRC.DLL.

The command line requester also uses this table.

When the remote AppServer notifies the Internet requester that there were error messages during the runtime phase, the Internet requester sends the error messages on the browser (see error - 138 below). This does not apply to requests sent from Magic clients.

### **Broker Messages:**

#### **-4 NO-RESULT**

The requested task did not return output to the requester output media (IO).

#### **-101 BAD-ARGS**

Remote Call Error -Invalid Remote Call Application or program names were not entered for the remote call.

#### -102 CNCT-MRB-REFUSED

Remote Call Error -Connection to Broker Refused Wrong host name or port for the Broker.

Verify that the broker is connected to the port on the specified machine.

#### -103 APP-NOT-FOUND

Remote Call Error–Application Not Found

The engine does not support the Application, or the Appl=entry in MGREQ.ini file was specified and the required application did not appear in the list.

#### -104 APP-IN-USE

Remote Call Error–Application in Use

All engines that support the application are busy serving other requests, the engine does not support the application, or the Broker Timeout value may have expired.

The timeout value for the Magic Client is in the Server repository. In the MGREQ.ini file, the time out value is in the Timeout parameter.

#### -106 RT-NOT-RESPOND

Remote Call Error-Runtime Not Responding

The Server Timeout parameter in the MAGIC.ini file or the MGREQ.ini file has expired.

The server engine did not send an I-AM-ALIVE message during the specified time interval.

#### -107 Connection reset by the AppServer

This Magic partitioning message is given when either one of the following situations occur: (1) The application server was aborted abnormally during the execution of a request, or (2) The connection was reset due to a network connection failure.

#### -110 REQUEST-TIMEOUT

Remote Call Error-Request Timed-out.

The Request Timeout entry has expired in the MAGIC.ini or the MGREQ.ini file.

The requested task was not completed during the specified time interval.

#### -111 RQGNRC\_ERR\_NOT\_MRB

#### -113 RQGNRC\_ERR\_APPNAME\_REQUIRED

#### -114 RQGNRC\_ERR\_PRGNAME\_REQUIRED

-115 RQGNRC\_ERR\_REPLY\_QUEUE\_MISSING

-116 RQGNRC\_ERR\_NO\_ENGINE\_READY

-130 APP-OPEN-FAIL

Remote Call Error-Failed To Open Application.  
The server engine could not open the application control file (MCF).

-131 PRG-NOT-FOUND

Remote Call Error-Program Not Found.  
Cannot find the public name of the program specified in the application.

-133 ACCESS-DENIED

Remote Call Error-Access Denied.  
Access can be denied for any of the following reasons: Invalid user name, no rights assigned to the user, or no right to execute the program. Applies only to Magic's access rights (Security file).

-135 LIMITED-LICENSE-HTTP

Remote Call Error-License Limited to Internet Requests.  
Server engine is licensed to execute requests from Internet requesters only.

-136 LIMITED-LICENSE-CS

Remote Call Error-License Limited by Requests Count.  
Server engine is licensed to execute a limited number of requests.

-137 REQUEST-REJECT

Remote Call Error-Request Rejected.  
Server engine cannot execute the request due to a timing problem (usually related to switching from runtime to toolkit modes).

-138 RT-ERROR-MSG

During execution of a request, the executed program, or subprograms, displayed error messages such as SQL or locking errors.  
If the executed program failed to complete, these error messages were trapped by the AppServer & sent back to the requester.  
If the executed program was executed successfully, despite the error messages, the program's output is returned, overriding any error messages.

When the requester is an Internet requester, the error messages are sent to the remote browser.

When the requester is a command line requester, the error messages are displayed in the console.

#### -146 BIND-HOST-NOT-FOUND

Remote Call Error-Bind Failed-Unknown Host.

The Local Host entry in the MGREQ. ini file or /LocalHost in the TCP/IP parameters in magic.ini (for example, TCP/IP = 2,30,1500-2000 /LocalHost=myserver) must specify the local Internet address.

#### -147 CNCT-HOST-NOT-FOUND

Remote Call Error-Connection Failed-Unknown Host.

The Broker address must contain the Internet address such as 88.0.184/2001.

#### -150 CNCT-REFUSED-MRB

An application server couldn't connect to the Broker.

Check if the Broker was started, and that the host name of the Broker, as known in the computer of the AppServer (ping <mrhost>), belongs to the correct IP address (as known in the computer of the Broker-ping <mrhost>).

Reproduce the problem with log "enabled" in mgreq.ini (log = req.log Y R), in the directory of the AppServer.

#### -151 CNCT-RESET-BY-REQ

During execution of a request, the connection between the requester & the AppServer was reset.

As a result, no output was sent back from the AppServer to the requester.

Check the requester in the client machine & the AppServer.

If possible, reproduce the problem with log "enabled" in mgreq.ini (log = req.log Y R) in the directories of the requester & of the AppServer.

#### -160 RQSPAWN\_ERR\_EXE\_NOT\_FOUND

#### -161 RQSPAWN\_ERR\_PATH\_NOT\_FOUND

#### -163 RQSPAWN\_ERR\_BAD\_LOGIN

#### -164 RQSPAWN\_ERR\_PRIVILEGE\_NOT\_HELD

#### -169 RQSPAWN\_ERR\_NET\_UNREACHABLE

These error codes may be returned to the command line requester and/or displayed in the log file of the Broker when the Broker both

attempts to start executables ([MRB\_EXECUTABLES\_LIST]), and fails because of bad setup. A bad setup may be due to any of the following: An unknown executable, a bad directory, wrong username/password (for the OS, see the syntax of [MRB\_EXECUTABLES\_LIST]), or network problems.

-200 RQ-FATAL  
Remote Call Fatal Error

#### **Miscellaneous Errors:**

-201 Code Partitioning Error - TCP/IP Not Initialized  
TCP/IP services were not installed. Install TCP/IP.

#### **-202 ERR-OPEN-RESULT-FILE**

This is a two-part problem: (1) The requester asked that the output be written into a file (either using a field in the call remote dialog box in a Magic 8 client, or using keywords in mgreq.ini or mgrqcmdl -file=), and (2) The combined file name (directory and/or file name) is illegal.

- 220 Out of resources:

This error message is displayed when Winsock returns the error - 10055 (out of buffers).

#### **Unexpected Errors:**

Errors that are not listed in the documentation, such as -105, -145, are best handled by using the log file from mgreq.ini. This log file can show, for example, problems with host name resolution, which are the primary cause of these error messages.

It is important to know the difference between errors from the Web Server (which are not displayed in the blue/aqua error page of Magic) and those from Magic. Web Server errors are, for example, a missing requester or insufficient rights.

**Thank you,**

The Magic Product Management Team