



Answer Details

Error message monitoring software - How can I monitor MIMIX messages?

Answer ID 3404

Applicable Products

MIMIX DR 8.0, 7.1
MIMIX Enterprise 8.0, 7.1, 7.0, 6.0, 5.0, 4.4
MIMIX Global 8.0, 7.1, 7.0, 6.0
MIMIX Professional 8.0, 7.1, 7.0, 6.0, 5.0, 4.4

Description

Symptoms

How can I get MIMIX to send error messages to a message queue where my messaging software can monitor it?

What LVExxxx messages should I monitor for?

How to set up message monitor for MIMIX alerts

How do I monitor for messages put out by MIMIX?

Using RTVDGSTS and want my program to capture message LVE0113 rc 3447 but the program is ignoring it and never picks it up.

LVE0113 goes to the MIMIX message log (WRKMSGLOG) but there is no way to retrieve it from there... how can I get comm error messages like LVE0113 to go to a MSGQ that I can monitor from a program?

How can I monitor for the LVI304A message id that indicates that a data group reached it's threshold? LVI304A - * WARNING!
* Apply session &5 for data group &1 &2 &3, has exceeded unprocessed entry threshold.

Keywords

Bytware MessengerPlus
Bytware Messenger Plus
MPLUS messaging software
NimSoft
HelpSystems Robot
SiteScope
monitor monitoring software
page paging software
ACO pager
email alert
MIMIX auto monitoring tools
CCSS QSystems Management message monitoring software
Nagios Check_as400
Eview

Additional Info

The source of MIMIX messages is the MIMIX message log (option 3 from the MIMIX Intermediate Main Menu (MIMIX/MIMIX ASTLVL(*INTERMED)) or the MIMIX command WRKMSGLOG)

This is based on information in the physical file LVMSGLOGP in library MIMIX.

A subset of these messages are also sent to the primary message queue (and secondary message queue, if one is configured) specified in the MIMIX system definitions (MIMIXQGPL/MIMIX by default).

You will have to look through the MIMIX message file LVMSGF in the MIMIX installation library to determine what messages are critical for your environment. For example,

```
DSPMSGD RANGE(*FIRST *LAST)
  MSGF(<installation_lib>/LVMSGF)
  DETAIL(*BASIC)
```

OUTPUT(*PRINT)

Here are just a few of the messages you may want to monitor for:

LVE0113 - TCP communications request failed with error &1.

LVE3ADE - Attempt to change journal &5/&4 failed with reason code &3.

LVE3768 - Member &7 of file &6/&5 for data group &2 &3 &4, has been placed on HOLD.

LVE375D - ERROR * - Write error &1 for file &6/&5, member &7 during apply of journal sequence number &9.

LVE375E - ERROR * - Record access error &1 for file &6/&5, member &7 during apply of journal sequence number &9.

LVE375F - ERROR * - Error code &1 detected during transaction apply for member &7, file &6/&5.

LVE010D - A TCP socket error occurred with reason code &1.

LVE010E - Error &1 occurred while processing a TCP socket request.

LVE0102 - MIMIX detected internal error but continued processing.

LVE0103 - MIMIX detected internal error and ended processing.

LVE0109 - A communications error occurred with reason code &5.

LVE0142 - Object send process for data group &1 ending abnormally.

LVE3322 - Object apply failed for &3.

This list is not all inclusive, as the 'critical MIMIX issues', is relative to each customer's environment. What you think is critical, another customer may not, etc.

How and where messages are sent to the MIMIX message queue is configurable with the 'Primary message handling' in the SYSDFN. There is also an option to define a 'Secondary message handling'.

There are 3 different parameters:

Message queue:

Specifies the name of the primary message queue associated with the definition and its message filtering criteria.

Severity:

Specifies the minimum severity of the messages to send to the message queue. Messages of a lower severity will not be sent to the message queue by MIMIX processes.

Information level:

Specifies which message detail is sent to the message queue.

Detailed information for each parameter is available with the F1 help text

Answer

To get the maximum message logging of MIMIX error messages sent to a message queue where messaging software can monitor them, perform the following:

1. For the MIMIX system definition of the system you are going to monitor, determine the currently configured message queue to monitor:

```
DSPSYSDFN SYSDFN(<system definition>)
```

Note the "Primary message handling:" and/or "Secondary message handling:" Message queue and Library

2. From the MIMIX *MGT system, change the Primary and/or Secondary message handling parameters for the system definition of the system you are monitoring, to the following values:

```
Message queue ..... > <msgq>
```

```
Library ..... > <msqlib>
```

```
Severity ..... > *INFO
```

```
Information level ..... > *ALL
```

To change the primary MIMIX message logging for a given system to the desired values:

```
CHGSYSDFN SYSDFN(<system definition>) PRIMMSGQ(<msqlib>/<msgq> *INFO *ALL)
```

To change the secondary MIMIX message logging for a given system to the desired values:

```
CHGSYSDFN SYSDFN(<system definition>) SECMSGQ(<msqlib>/<msgq> *INFO *ALL)
```

3. End/start the MIMIX system manager for the above change to take affect. From the MIMIX *MGT system:

a. ENDMMXMGR SYSDFN(*ALL) MGR(*SYS)

b. STRMMXMGR SYSDFN(*ALL) MGR(*SYS)

4. You can direct whatever messaging software you have to monitor this MSGQ <msqlib>/<msgq>.

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