MQGATE FOR HPE NONSTOP

Significantly improve the management of IBM MQ events

WHAT IS MQGATE?

MQGate for HPE NonStop takes source IBM MQ Event Management System (EMS) events and converts them to new, easier-to-identify fully tokenized EMS events. MQGate acts as a translator, converting the source IBM MQ events into new, unique tokenized events, making it easier to identify exceptions within your EMS event and alert subsystems.

MQ allows independent and potentially nonconcurrent applications on HPE NonStop, and other distributed systems, to securely communicate with each other, using messages.

IBM MQ supports the exchange of information between applications, systems, services, and files by sending and receiving message data via messaging queues on HPE NonStop. Many IBM MQ version 8 events use the same event number for disparate messages and include identifying information such as channel name embedded within large EMS text tokens.

The IBM MQ event number and subject token do not uniquely identify the MQ components, meaning that all events and large text token content must be examined by HPE NonStop operators to determine if any issues exist.

MQGate takes IBM MQ information and makes it easy to view, monitor, and manage individual issues, keeping you on top of everything that's happening in your HPE NonStop environment.

Imagine several IBM MQ EMS events being issued to your event viewer. How do you tell which is the informational event versus which is a critical event? The same IBM.99.0, event number 5 is issued for a variety of reasons, for example:

```
IBM.99.0 000005 : AMQ8003 : MQ Queue Manager started…
IBM.99.0 000005 : AMQ5011 : Queue Manager ended for reason…
IBM.99.0 000005 : AMQ5652 : The Deferred Message process failed to connect…
IBM.99.0 000005 : AMQ6118 : An internal WebSphere MQ error has occurred…
IBM.99.0 000005 : AMQ6165 : Unable to access an INI file…
```

MQGate will parse these IBM MQ events and issue tokenized EMS events containing individual event numbers and unique subject tokens per MQ manager, queue, channel.

Empower your operators by giving them the sight of unique, tokenized events that are being issued for MQ to monitor the specific events they are interested in.

Instead of monitoring all the same MQ event number X and having to scroll through an event viewer to determine what the event is referring to, the unique EMS event structure that is generated by MQGate allows operators to filter their monitoring software on selected event numbers and/or subject tokens, for example:

• SSID

• Event number

• Subject

• Event text

Exception alerting allows users to identify which events are critical to their business, improving triage speeds and lowering the risk to mission-critical processes.

The EMS subsystem is installed on every HPE NonStop system. It provides the native logging environment for hardware, OS, subsystems, and IBM MQ to write their information.

Thanks to MQGate's unique EMS event tokenization, users may then identify and select only the events that they are interested in, and if required, manage and escalate accordingly.

SYSTEM REQUIREMENTS

HPE NonStop system running the HPE NonStop Operating System L19.03 or later, or J06.23 Release Version Update (RVU).

SOFTWARE REQUIREMENTS

For HPE NonStop systems running the HPE NonStop L-Series operating system

BE359AC	HPE NonStop TS/MP (ACS)
BE221AC	HPE NonStop COBOL85 RunTime Library

For HPE NonStop systems running the HPE NonStop J-Series operating system

QSR78	HPE NonStop TS/MP (ACS)
QSB81	HPE NonStop COBOL85 RunTime Library

ORDERING INFORMATION

HPE NonStop servers running the HPE NonStop L-Series operating system

BE094AC	MQGate for HPE NonStop, DVD
BE094ACE	MQGate for HPE NonStop, E-Media

HPE NonStop servers running the HPE NonStop J-Series operating system

QMQGATE	MQGate for HPE NonStop, DVD

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