DIF MQ and MQe Tips

Installing IBM WebSphere MQ V5.3.1 with all options:
- — Server
- — Windows Client
- — Java Messaging
- — Development Toolkit

Install IBM WebSphere MQ Everyplace 2.0.0.5 and define a gateway bridge server to MQ.

For assistance with installation, visit http://www-3.ibm.com/software/integration/wmqe/support/ or contact you WebSphere MQ developer relations representative.

MQ Information You Need to Know for DIF

TLOG-trickle is a DIF implementation that reads the application TLOG and, using MQe, sends the TLOG data to an MQ queue. If you are using TLOG-trickle, you will have to provide user-specific values for the following MQ properties:

tlog-trickle.gateway.mq.qmgr
WebSphere MQ Queue Manager that the MQe Bridge Server is linked to
tlog-trickle.gateway.mq.queue
WebSphere MQ Queue that will receive the TLOG information from DIF

TLOG-trickle uses the Actor, MqeActor, to pass messages to the local MQe queue manager for routing to a remote WebSphere MQ queue. This actor supports one-way assured messages or simple request/reply messages. When defining the MqeActor you will have to provide user-specific values for targets to MQ. The following MQe properties must be defined:

MqeActor.TLOG.mom.target.qmgr
Specifies the target Queue Manager for all messages for the Message Profile ID of TLOG. It should be set to point to the WebSphere MQ Queue Manager.
MqeActor.TLOG.mom.target.queue
Specifies the target Queue within the Queue Manager for all messages for the Message Profile ID of TLOG. It should be set to point to the WebSphere MQ Queue being used for TLOG messages.

MQe Information You Need to Know for DIF

The MQe JAR files are needed for TLOG-trickle or for any other DIF assured messaging needs. These JAR files will be copied from your MQe server \Java\Jars directory to the ADX_IPGM directory on the File Server controller. The following files are copied:

MQeBase.jar
MQeBinding.jar
MQeBundle.jar
MQeClientBundle.jar
MQeCore.jar
MQeDeprecated.jar
MQeDiagnostics.jar
MQeExamples.jar
MQeGateway.jar
MQeJMS.jar
MQeMidp.jar

MQeMigration.jar
MQeRetail.jar
MQeSecurity.jar
MQeServerBundle.jar
MQeTraceDecode.jar

TLOG-trickle is a DIF implementation that reads the application TLOG and, using MQe, sends the TLOG data to an MQ queue. If you are using TLOG-trickle, you will have to provide user-specific values for the following MQe properties:

`tlog-trickle.gateway.qmgr`
Name of the WebSphere MQe Bridge Server that links to WebSpehere MQ
`tlog-trickle.gateway.ip`
TCP/IP address of the WebSphere MQe Bridge Server machine