Integrated Capture Points Guide

JMS Capture Point

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JMS Capture Point

The integrated JMS Capture Point is used to capture interactions from systems that use JMS as a message bus.

Prerequisites

The following prerequisites must be met in order to enable the JMS Capture Point functionality in Interaction Server:

- Licensing: Interaction Server will enable JMS Capture Point functionality only if the technical license (iwd_jms_cp) is present.
- The latest version of Interaction Server must be installed.
- Existing JMS-compliant message queue provider must be present.
- JRE 1.8 is required.
- JMS is supported by using Java Native Interface (JNI) and requires Java in order to work. If Java is not installed or not properly configured, JMS functionality will not be available. In addition to JMS API Java libraries, all required jar files for the specific provider need to be installed and accessible.
- iWD 8.0 must be installed.

Outline

- For information on configuring JVM in Interaction Server, see here.
- Configure JMS Capture Point
    - Start with the general procedure for creating a Capture Point Application object and a Capture Point Service.
    - Set configuration options for your particular environment.
    - Consult specific examples of configuring JMS Capture Points, listed in the next section.
- XML Representation—The integrated JMS Capture Point is capable of capturing interactions in the form of XML documents from JMS-compliant message queue providers. Consult the description of inbound and outbound XML messages.

Sample Configurations

This guide provides sample configurations for JMS Capture Point applications working with various JMS providers:

- OpenMQ
  - Setting up queues
  - Creating a Capture Point Application
  - Configuring for Java
- ActiveMQ
  - Setting up Queues
  - Creating a Capture Point Application
  - Configuring for Java
  - Enabling SSL
- TIBCO
  - Creating a Capture Point Application
  - Configuring for Java
- WebSphere MQ
  - Setting up Queues
  - Creating a Capture Point Application
  - Configuring for Java
- Using SSL
  - With OpenMQ
  - With TIBCO