



This PDF is generated from authoritative online content, and is provided for convenience only. This PDF cannot be used for legal purposes. For authoritative understanding of what is and is not supported, always use the online content. To copy code samples, always use the online content.

Integrated Capture Points Guide

Kafka Capture Point - Matching Requests and Replies

12/19/2025

Kafka Capture Point - Matching Requests and Replies

Unlike JMS, which supports `MessageID` and `CorrelationID` message properties for request and reply matching, Kafka does not provide any built-in means for this goal. Thus, Kafka Capture Point uses its own convention to allow matching outbound replies for the inbound requests.

Kafka Capture Point adds header `MessageID` to each outbound reply. Its value is the string representation of index of partition and offset of the inbound message separated with a dot. That is, if an inbound message is received from partition 6 with offset 20451, then the value of the `MessageID` header of the reply is `6.20451`.

Though `MessageID` uniquely identifies an inbound request, it is not always convenient. Thus, Kafka Capture Point reads the value of the first `CorrelationID` header of the inbound request and sends it back in the `CorrelationID` header of the reply. The name of the header used for reading correlation ID can be configured in the Kafka Capture Point option `correlation-id-header-key`. By default, it is `CorrelationID`.

Important

If the Kafka Capture Point option `copy-original-headers-in-reply` is set to `true`, the order of the `CorrelationID` header in the list of all headers copied from the inbound request to the outbound reply is preserved.

This approach effectively emulates the JMS message properties `MessageID` and `CorrelationID`.

This behavior applies to all outbound messages sent in reply to inbound requests including messages sent to the notification, processed, and error topics.