

JMS Header Field: JMS Priority

- Numerical ranking, between 0 and 9
 - Higher priority messages delivered first
 - **9 is a higher priority than 8**
 - Used only when server has a *backlog* of messages
- Setting priority
 - Activity's Advanced tab
 - Field in activity's Input tab
 - **Overrides** setting in Advanced tab

The screenshot shows two parts of the BusinessWorks interface. On the left is a configuration dialog for 'JMSQueueSender (JMS Send Message)' with tabs for General, Description, Advanced (selected), Input Editor, Input, Output, and Fault. The 'Advanced' tab shows 'Priority' set to 4. On the right is an 'XSD Express' view of the schema for 'JMSQueueSender-Input', which includes fields for destination, replyTo, JMSExpiration, and JMSPriority (set to 9).

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JMS Priority is a numerical value in range 0-9, where larger numbers represent a higher priority: 9 is a higher priority than 8. The default priority is 4.

When the EMS server has several messages ready to deliver to a consumer client, and must select among them, then it delivers messages with higher priority before those with lower priority. However, priority ordering applies only when the server has a backlog of deliverable messages for a consumer.

In BusinessWorks, you can set JMS Priority in two places:

- **Priority field** on activity's *Advanced* tab - The value set using this field is applicable to all the messages sent by that particular activity.
- **JMSPriority** field on activity's *Input* tab - Priority of the each message can be set dynamically using this field. This item overrides the priority set on the *Advanced* tab.