



### Java Message Service (JMS): Architecture

JMS is a standard API for building centrally-managed messaging applications.

The standard specifies the API, but it does not define how to implement services within the API. The standard does not address standards above the API level, such as specifying the wire format. Interoperability between vendor JMS implementations is not guaranteed.

JMS is a client/server ("hub-and-spoke") architecture: JMS requires a central server component where all produced messages are sent and where all consumers get their messages from. Even though the JMS architecture is hub and spoke, JMS clients communicate in peer-to-peer fashion: producers and consumers don't know about each other, they only communicate with the server.