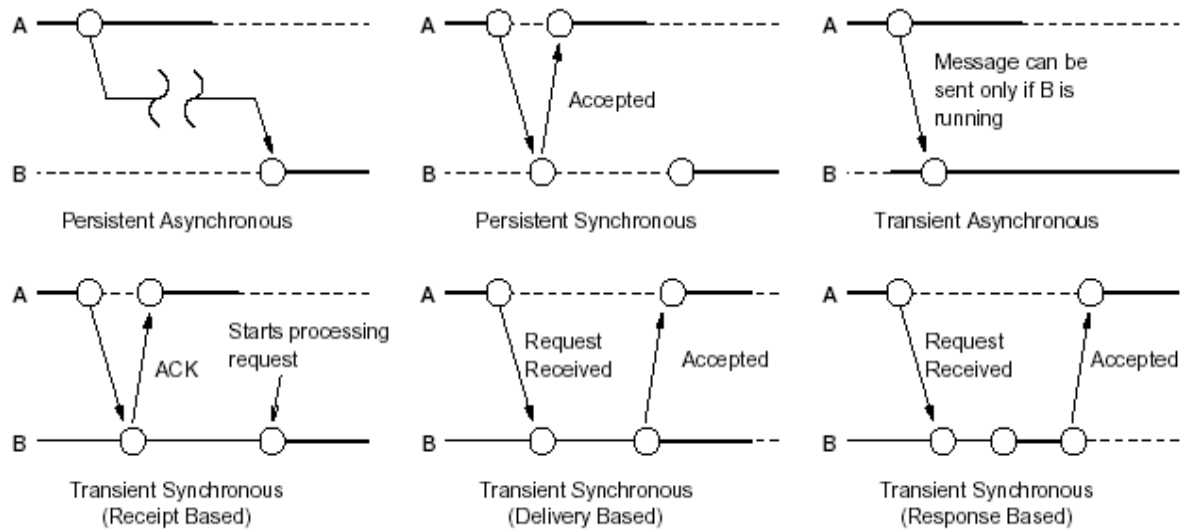


**Explanation for the different types of messages figure:**



**A. Persistent Asynchronous**

- Sender A is not waiting for Receiver B's response, so it is Asynchronous.
- Sender A sends message at the time Recipient B is not active; B gets the message when it becomes active and the message doesn't get lost. So it is Persistent.

**B. Persistent Synchronous**

- Sender A is waiting for response from Recipient B, so it is Synchronous.
- Recipient B is not active, still the message is sent and not lost, so it is Persistent.

**C. Transient Asynchronous**

- Sender A continues its work without waiting for response from Receiver, so it is Asynchronous
- Sender A is sending the message to Recipient B when B is active, so it is Transient.

**D. Transient Synchronous (Receipt Based)**

- Sender A is waiting for response from Recipient B, so it is Synchronous.
- Recipient B acknowledges A's message immediately upon receiving it, without doing any kind of processing and so it is Receipt Based Synchronous.
- Sender A sends the message when Recipient B is active, so it is Transient.

**E. Transient Synchronous (Delivery Based)**

- Sender A is waiting for response from Recipient B, so it is Synchronous.
- Recipient B acknowledges A's message only when it starts processing it and so it is Delivery Based Synchronous.
- Sender A sends the message when Recipient B is active, so it is Transient.

**F. Transient Synchronous (Response Based)**

- Sender A is waiting for response from Recipient B, so it is Synchronous.
- Recipient B sends message to sender A only when it completes entire processing of the request and so it is Response based Synchronous.
- Sender A sends the message when Recipient B is active, so it is Transient.