

# How were visibility timeout and DLQ useful?

## ❖ Visibility Timeout:

The visibility timeout is what tells the queue to hide the message from other consumers while it's being processed. This helps prevent the same message from being processed more than once at the same time. For me, the Lambda function wasn't able to process the message properly at first because of a coding mistake. Thanks to the visibility timeout, the message wasn't immediately lost. Instead, it became visible again after a short delay and was retried a few times automatically.

## ❖ DLQ:

After three failed processing attempts, the message was moved to the DLQ. This was very helpful, because instead of disappearing or looping forever, the message was preserved in the DLQ, where I could inspect it and see what went wrong. By checking the DLQ and the logs in CloudWatch, I was able to identify the problem that happened. That way, I can update the Lambda code and solve it.

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