



### Scenario 1

The worker begins a connection with the QueueStorage and dequeues a message

QueueStorage marks the message as dequeued and makes it invisible. Then it forwards the message to the worker

The worker processes the message and updates some data persisted in the BlobStorage

The worker notifies the QueueStorage the message has been successfully processed and should be deleted

QueueStorage deletes the message

### Scenario 2

The worker begins a connection with the QueueStorage and dequeues a message

QueueStorage marks the message as dequeued and makes it invisible. Then it forwards the message to the worker

The worker dies or is shut down before making any update on the BlobStorage

After a fixed invisibility timespan, the message respawns and is queued in the appropriate queue

Another worker gets the message and correctly processes it

### Scenario 3

The worker begins a connection with the QueueStorage and dequeues a message

QueueStorage marks the message as dequeued and makes it invisible. Then it forwards the message to the worker

The worker updates the BlobStorage but dies before notifying the QueueStorage that the message has been processed

After a fixed invisibility timespan, the message respawns and is queued in the appropriate queue

Another worker gets the message and updates a second time the BlobStorage

Failure windows

