Decoding error

Both the server and client remains operational, but the connection between them gets closed because of decoding error in client end.

uncompress() returns Z_BUF_ERR. It seems the buffer size for uncompressed output is too small. We currently set it to 100*compressed size before uncompression.

Fix attached

How about starting with a less extreme case that works most times and checking Z_BUF_ERROR to try again with a bigger buffer when there’s not enough space? Would that complicate the code too much or be highly inefficient?

That would be ideal, mainly because just increasing the max factor to 150 leaves us open to a possibility that it's still not enough for even better compressing sequence in the future. However, that does require someone to implement it, so I've planned to just open a new ticket about the rewrite and fix the current issue with the simple solution. I don't see urgency in getting the better implementation done as factor '100' has served us decades with just this one now reported case of failure.

just open a new ticket about the rewrite