

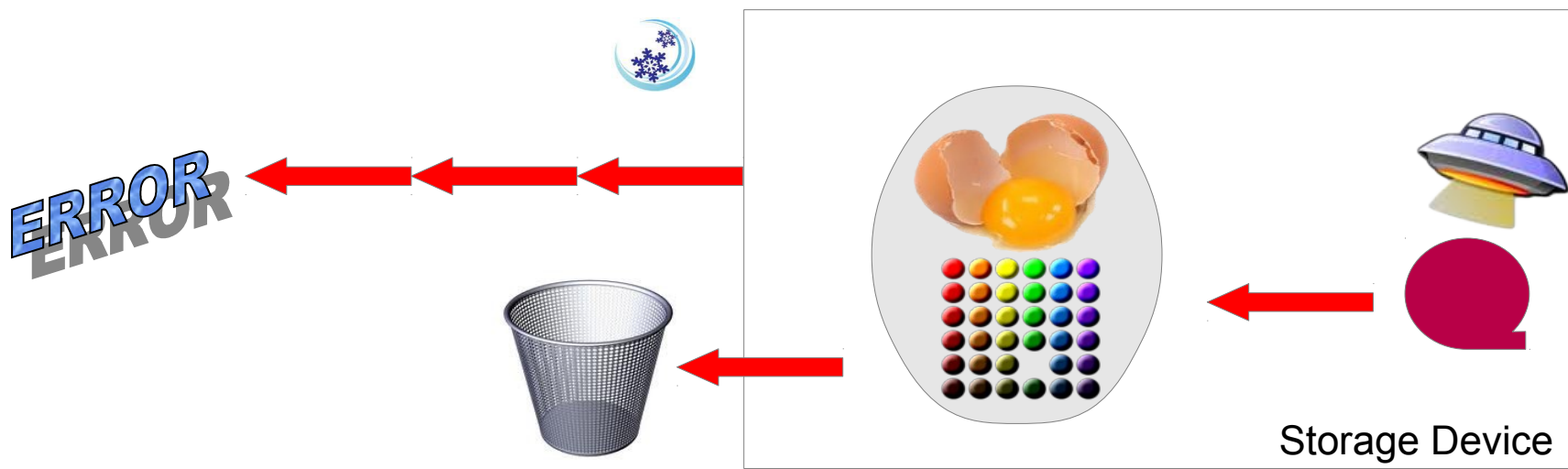
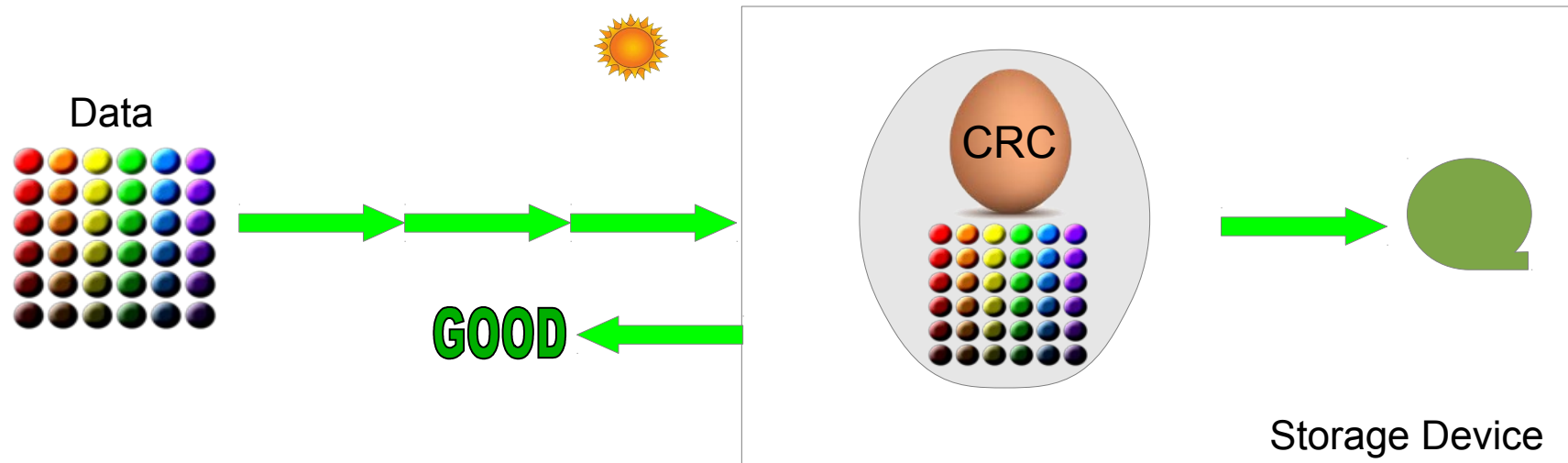
Logical Block Protection

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Technical Lead,
Storage Software
Engineering

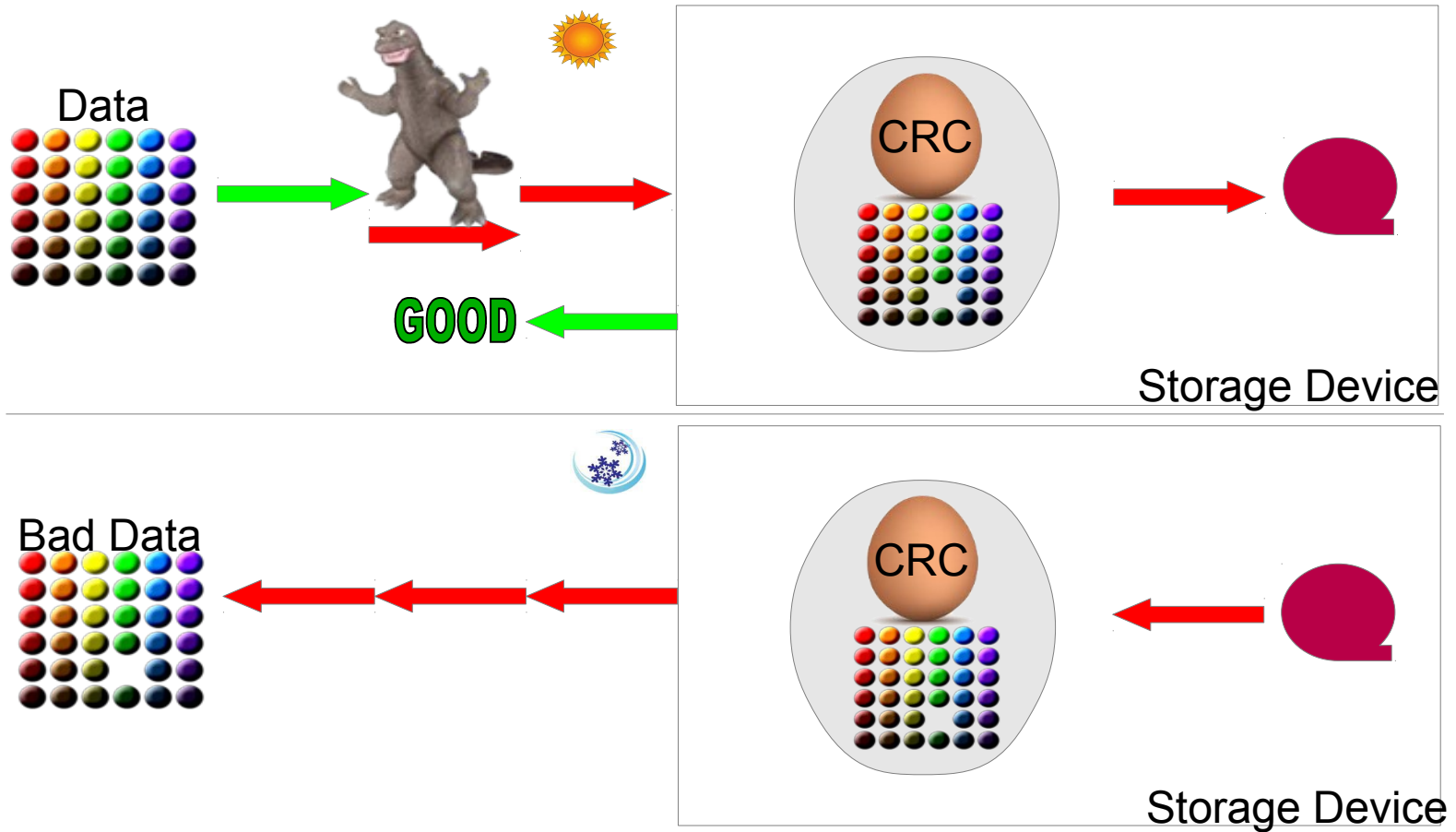
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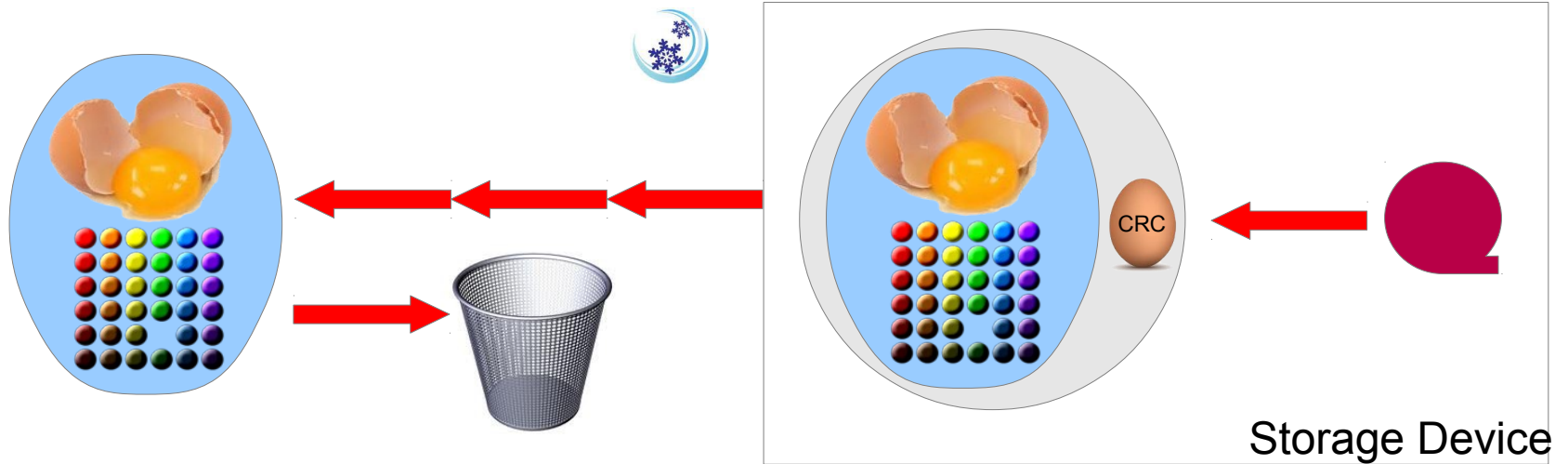
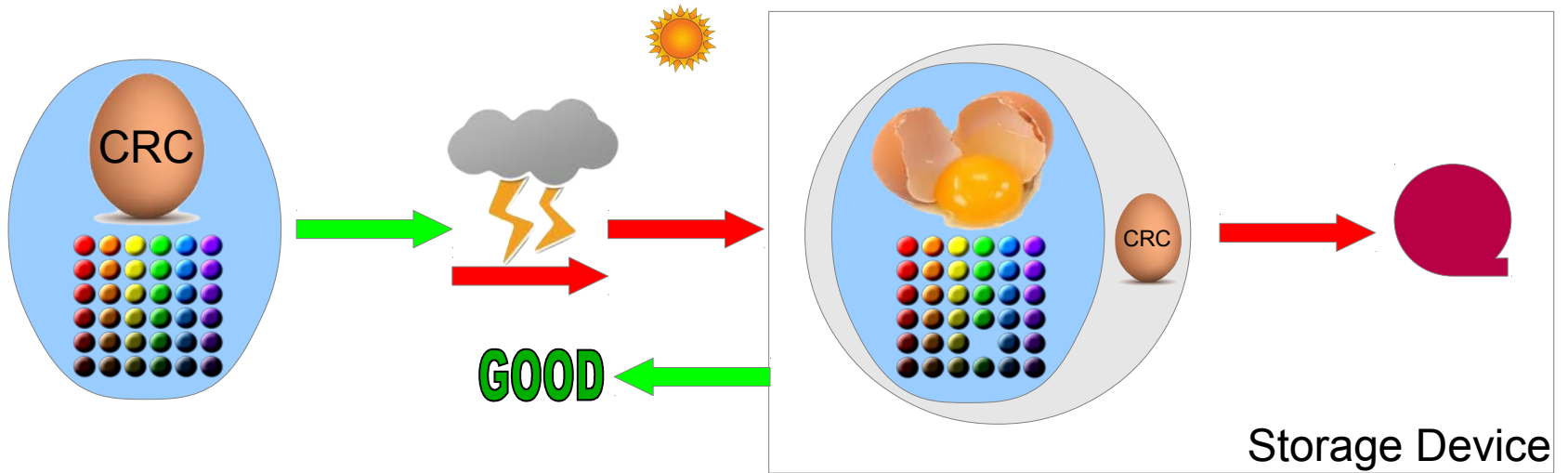
Device Generated CRC



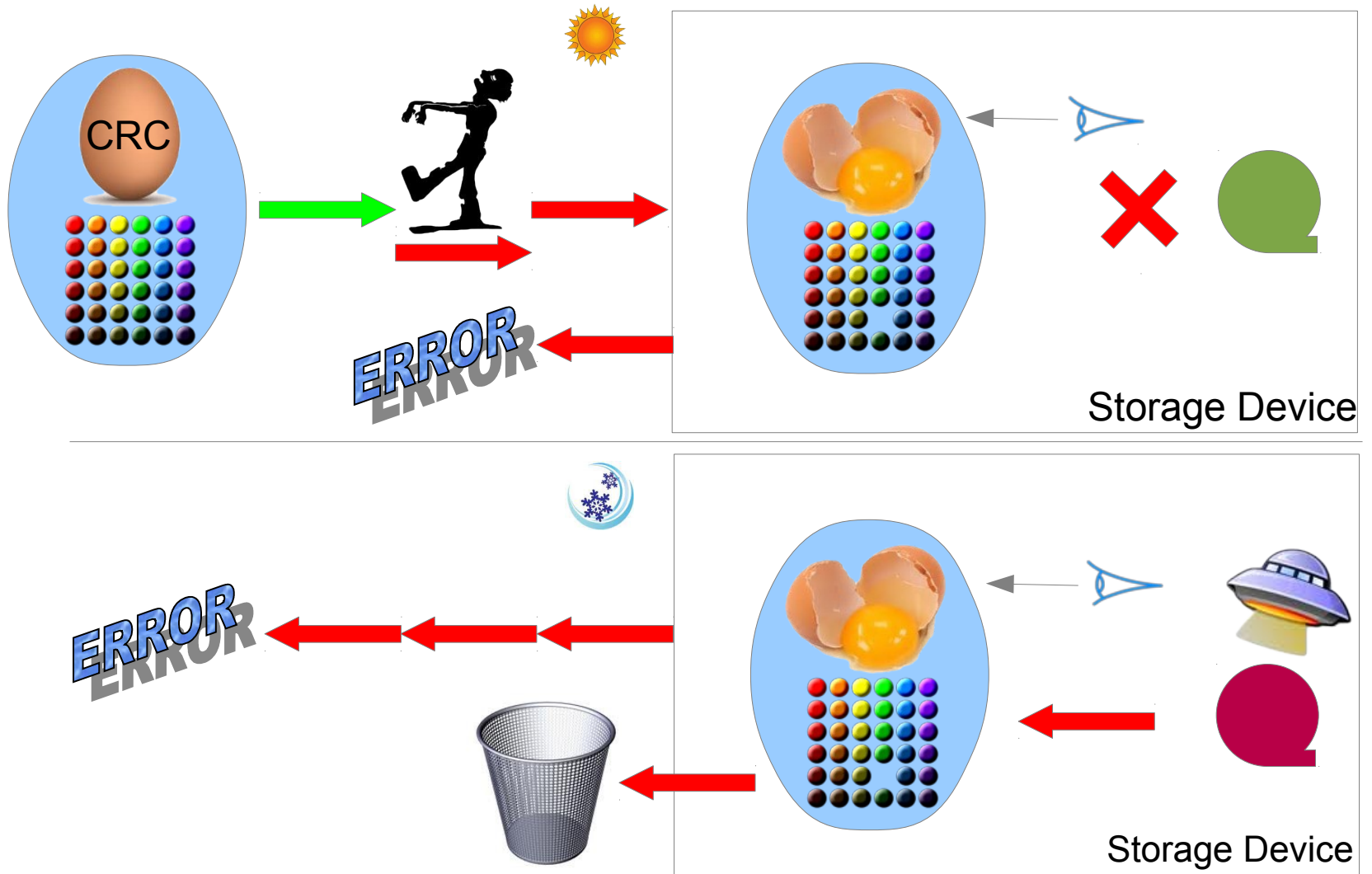
Device CRC with line errors



Application Generated CRC

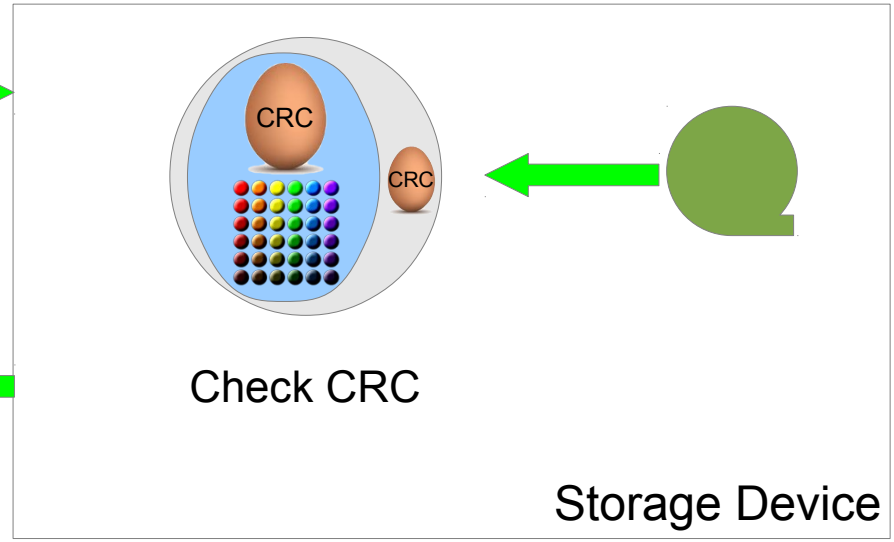
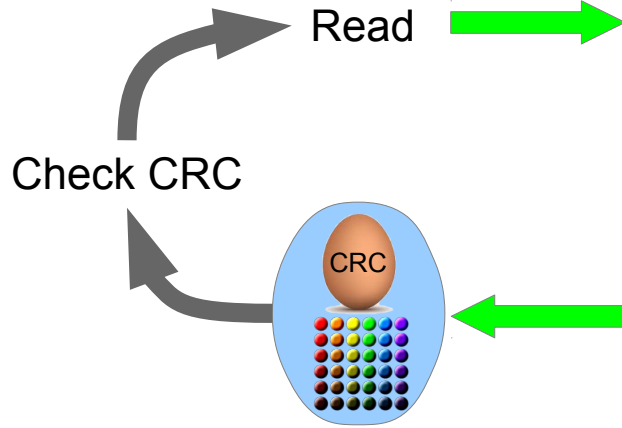


Logical Block Protection

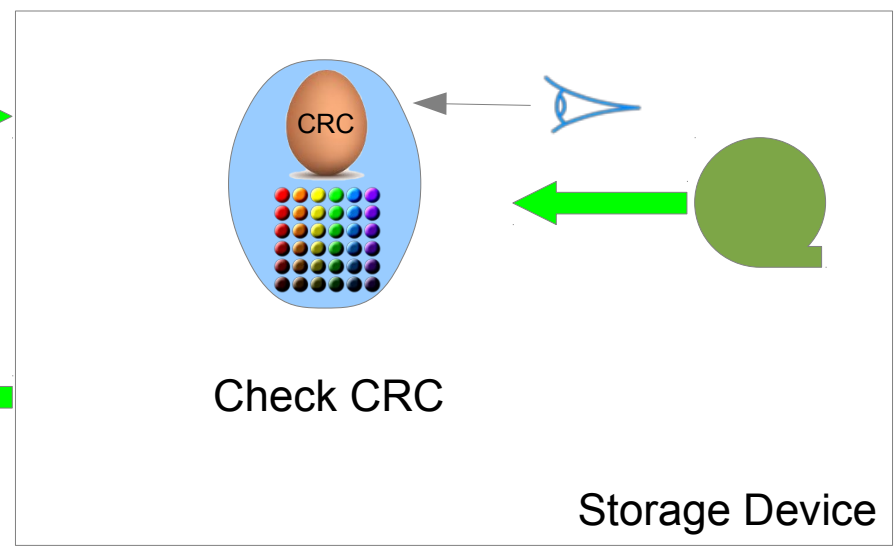
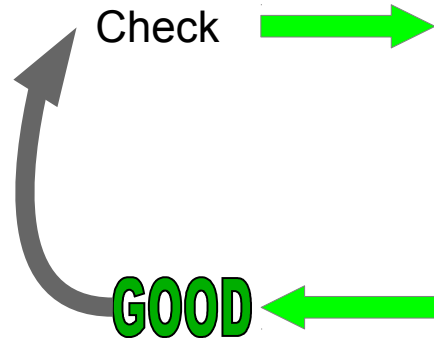


Tape Verification

Application CRC



Logical Block Protection



LBP Benefits

- Detects data transmission corruption immediately, without writing to media
- Allows record-by-record data verification by storage device, without data transmission
 - Does not burden application host with data
 - Can run at full media speed

