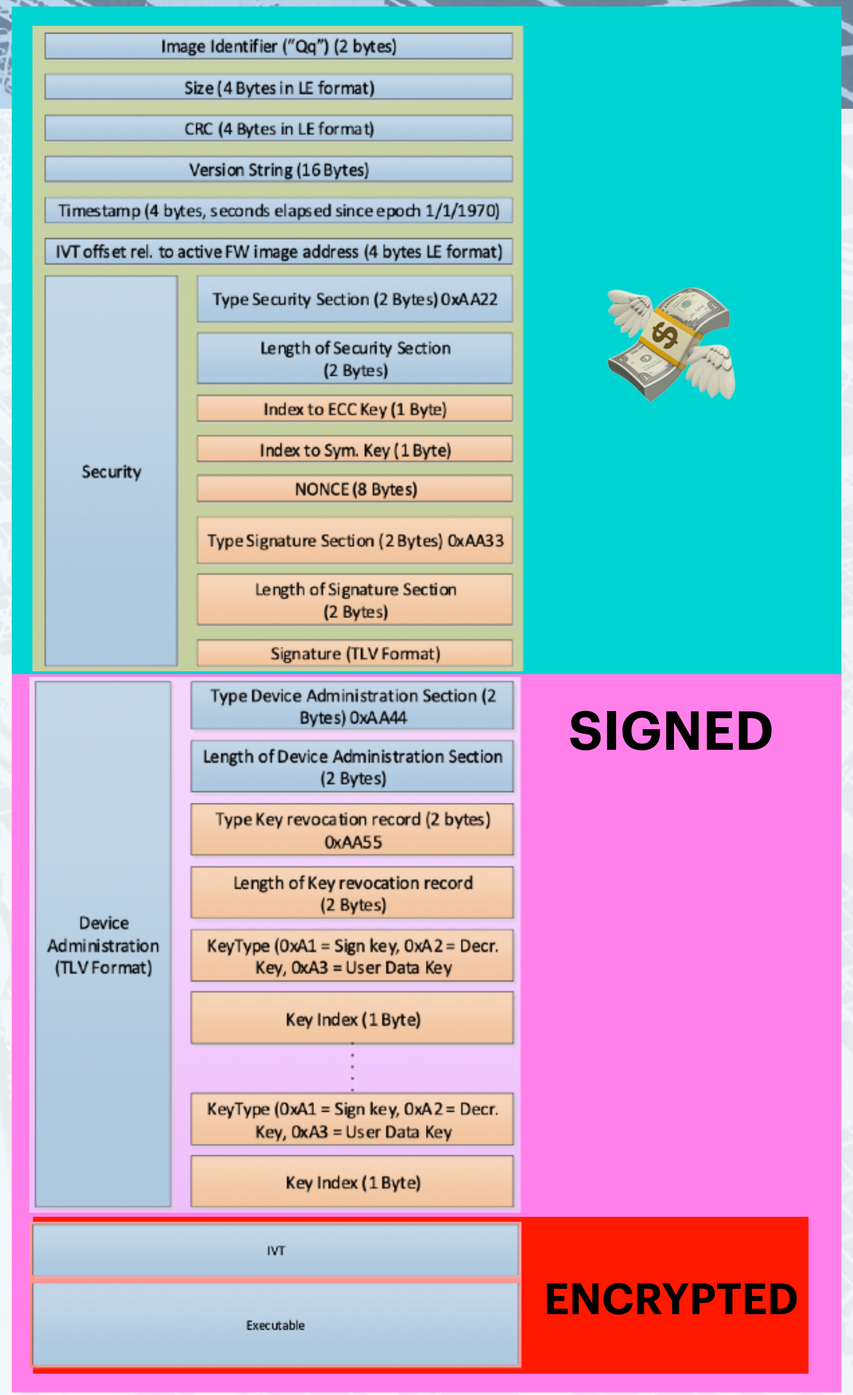
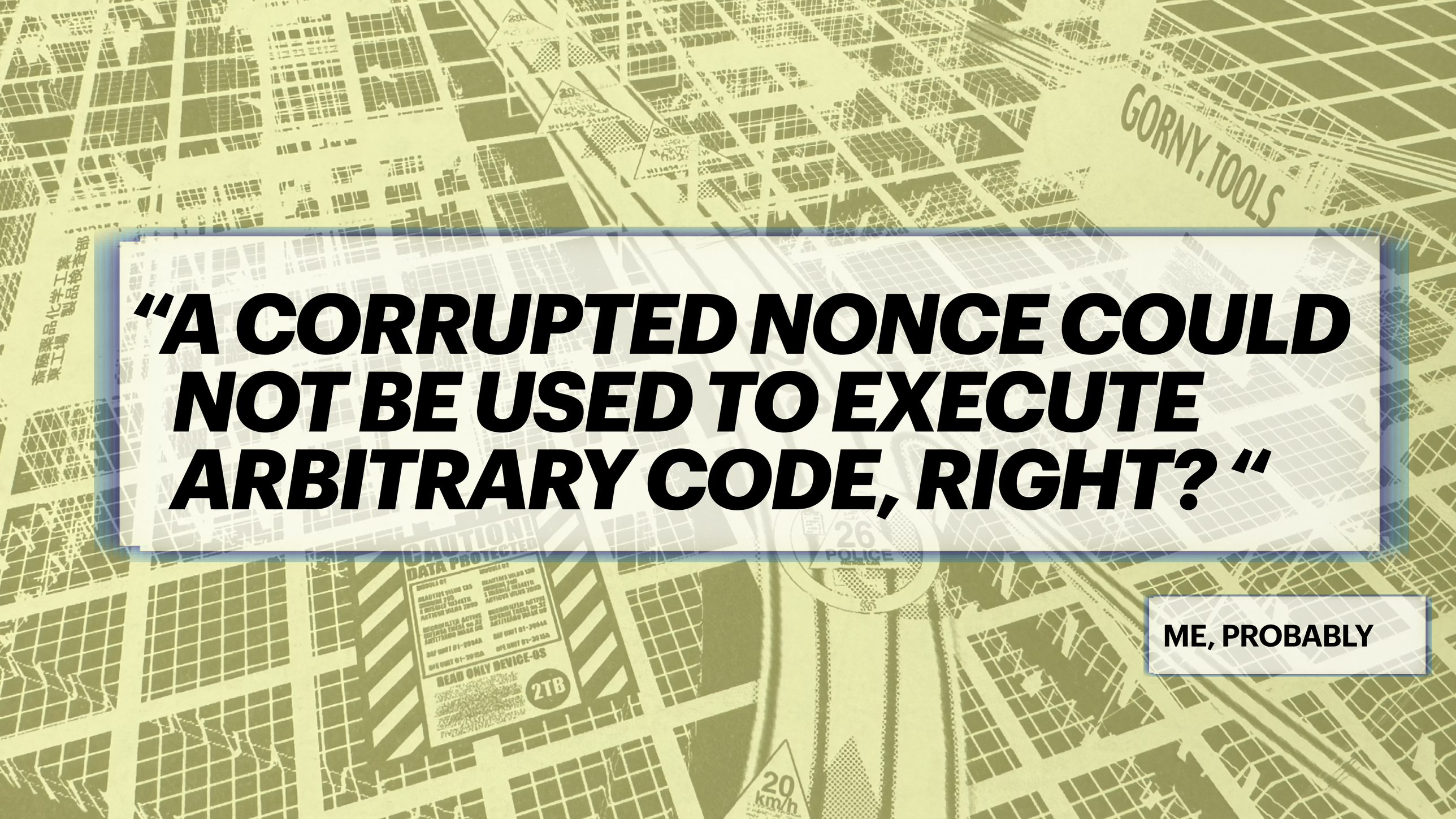
# ENCRYPTION

**Key Indexes**
- Index into OTP for encryption engine

**Nonce**
- User defined Nonce
- Avoid IV reuse

**AES-CTR mode enables fast/arbitrary block decryption**
**AES-CTR provides no auth (malleable)**






# "A CORRUPTED NONCE COULD NOT BE USED TO EXECUTE ARBITRARY CODE, RIGHT? "

ME, PROBABLY