

# Review of: "Pros and Cons of Key Escrow Agreements in Cloud"

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**Potential competing interests:** No potential competing interests to declare.

Overall, the paper's material is well-defined in terms of the key management problems that can happen in the cloud. Good information is given about what the Key Escrow is and what else is important. The main thing I need and expect from you is that you compare, especially with other review journals that already exist and any implementation work you've done in relation to the key security problem. With the use of encryption, the process of key management, which involves making, using, and storing encryption keys, has become more complicated. Several comparison tables can be made and mentioned with different key size, process time, processing time, storage space, etc., to show that the journal is more competitive and useful.

The research paper must deal with the following problem.

- The authors lead into key encryption to obtain a "secure". If you want to claim "security", you should point out what security level of your research work by definition of NIST level I to V. How long is your key?
- This paper leads into encryption and claim its security while as we know, there is quantum threat under quantum computing such that claiming "secure" should considerate the strategies for quantum supremacy.