

Peer Review

Review of: "Host-Guided Data Placement—Whose Job Is It Anyway?"

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The manuscript proposed a data placement strategy that decouples the complexity of placement from the application and file system. The data placement is guided by three components: Application call interception, placement engine, and backend manager.

The paper is novel, well-written, and includes comprehensive analysis along with three case studies on Cachelib, RockDB, and MongoDB.

Comments:

- Can you provide specific examples or scenarios where Reshim might face security vulnerabilities, and suggest how the authors might address them?
- Could you detail what specific metrics or comparisons would demonstrate improvements in energy efficiency and device lifetime?
- What additional performance metrics or experimental setups would you recommend to strengthen the evaluation of Reshim across different hardware platforms?

Declarations

Potential competing interests: No potential competing interests to declare.