Filecoin - Potential Weaknesses

Copyright

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- copyright holders could post blacklists containing hashes of their content.
- end to end encrypted.
- US case law is pretty clear the uploader is culpable but not a host if they couldnt have had any knowledge of the content
https://www.reddit.com/r/filecoin/comments/6zq7ps/what_prevents_filecoin_miners_from_hosting/
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IOPS

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- Data is split up into blocks and the protocol ensures that there is always X number of copies of each block spread around for redundancy. So it should be possible to download multiple blocks in parallel from different places
- Some company could build a datacenter, and then rent out storage space to customers. Customers, in turn, could then offer storage space to the filecoin/sia/storj/etc network.
https://www.reddit.com/r/filecoin/comments/6vbz0b/everyone_here_only_talks_about_gb_what_about/

Retrieval Market Orderbook

☐ How is the order-book persisted for this market, and thus, how will the look-up by clients and retrieval miners work in fair manners?

☐ How does the individual order-book of a client or retrieval miner relate to the entire order-book?

☐ Is latency/location between clients and retrieval miners an influence for order matching? If so, that wouldn't be necessarily be productive and would potentially lead some retrieval miners to take advantage of the system.

Retrieval Market Communication

☐ They claim to have separate payment channels between clients and miners to process orders fast. Even though Lightening network is mentioned, all further information or a concept is missing.

Network (Cycle)

☐ Is there any reward for *assign* or *repair* tasks? Which particular nodes are responsible?

General Questions

☐ Is data migration possible for storage miners, without a penalty?