

I'm a grad student working on some a various research areas related to data centers and ethereum-nodes. I'm investigating ways that cloud-based nodes on providers like AWS and GCP can be more decentralized, or at least increasing censorship resistance. I want to see if there's a way to fold in existing cloud-infrastructure to web3-nodes. People want to run their own nodes but will always opt for the cloud because of its high networking-speeds and low amounts of downtime. But there's sufficient risk of centralization that comes with it, and those nodes aren't going to go away. I'm investigating possible ideas for remedying the downsides of centralization or making those nodes at least a little more robust on the cloud. Would anyone have any resources or information that could be helpful or any information to guide in the right direction.