

Under My Umbralla

*An end to end messaging
application integrated with the
nucypher network*

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Intro

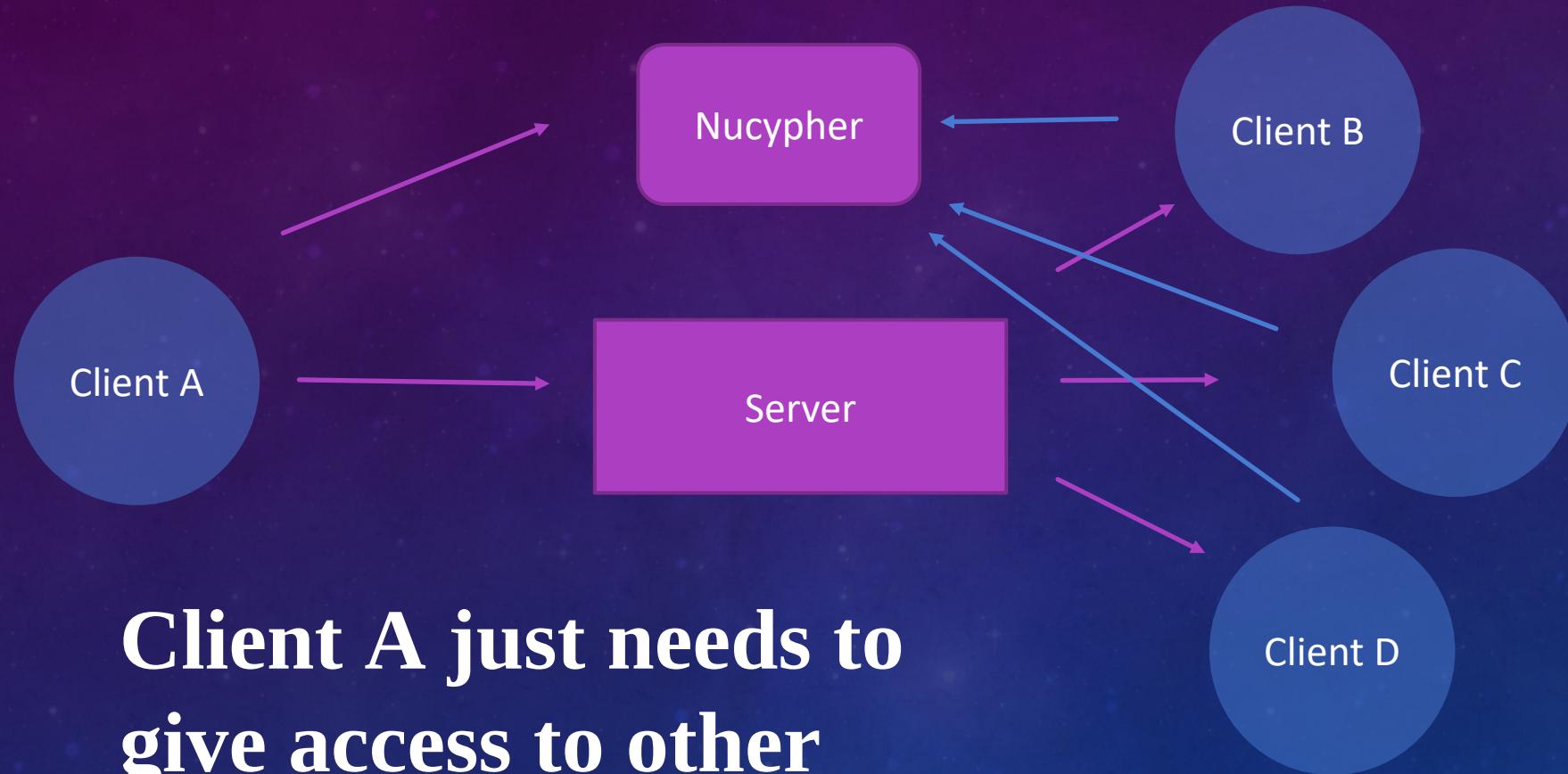
- Under My Umbralla features a group messaging application with a nucypher network backend for proxy re-encryption and key management service
- Allows encrypted group communication – suitable for work, school or leisure
- Sender does not need to know the recipient ahead of time

Client-Server Model



**Needs to know recipient
and encrypt using their
Public Key every time a
message is to be sent !**

Under My Umbralla Model



**Client A just needs to
give access to other
clients once**

Development

- Develop a web application
- Use dynamic IP addressing
- Scale application for a large user base
- Python Implementation: <https://github.com/MayankSur/FutureOfBlockChain>