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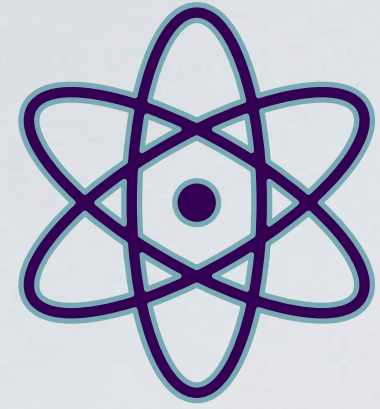
# *exploding bash*

# ~\problem

Modern cloud services are  
centralised => unsafe

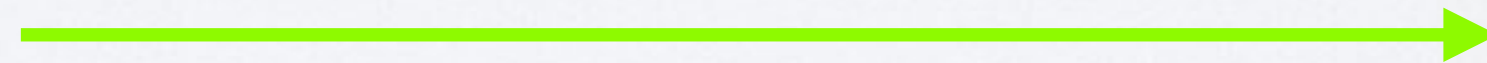
they store the data unclear for users

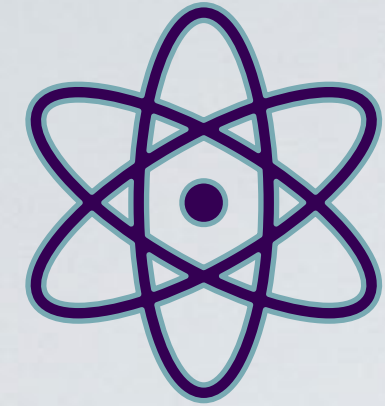




# ~\solution

We created new cloud service, named NuStorage.  
It is decentralised and safe file transfer system.





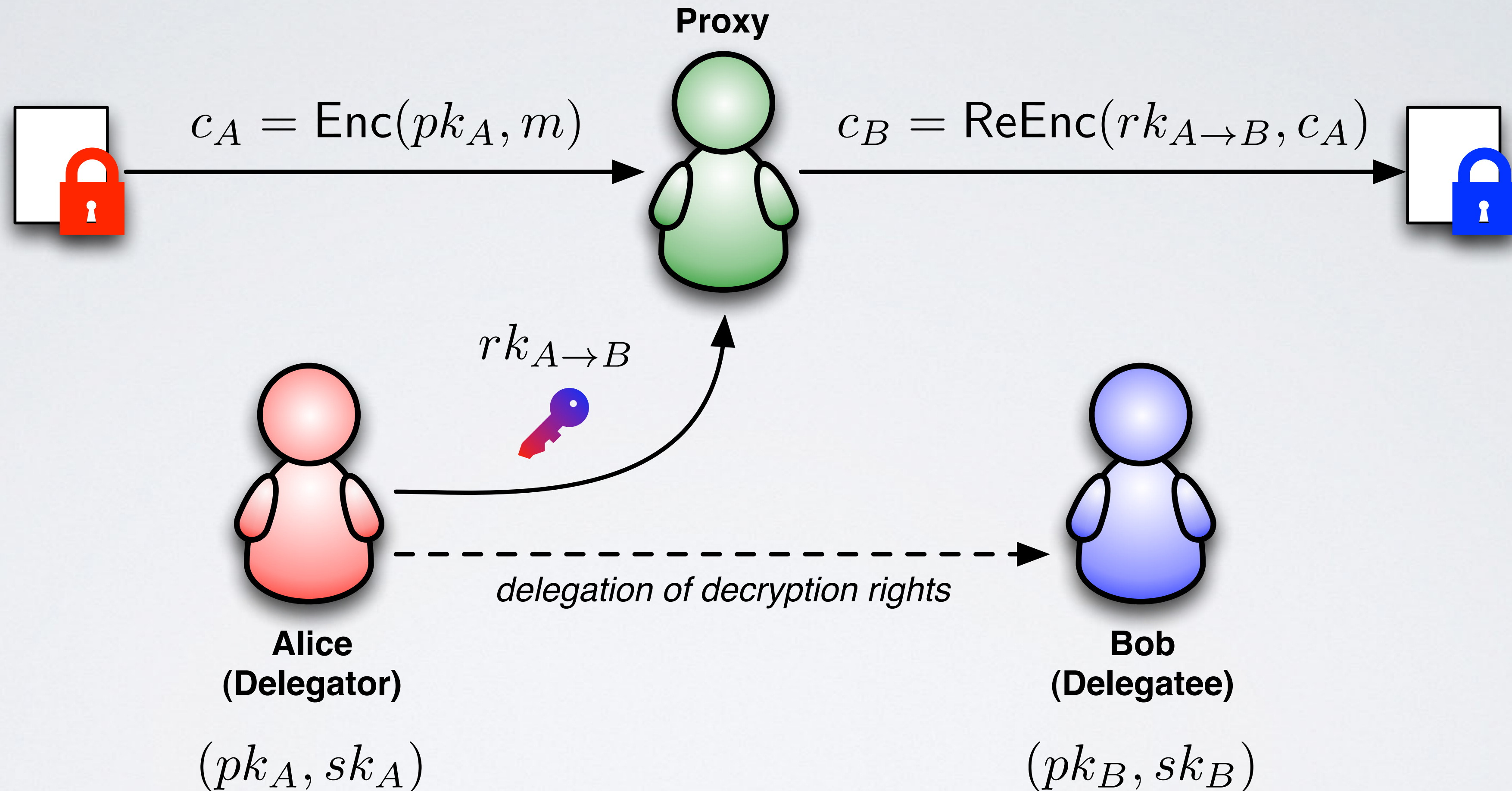
# ~\solution\description

NuStorage is based on the InterPlanetary File System, and all the data is distributed uniformly throughout p2p network.

An algorithm called proxy re-encryption protocol allow us to keep all the data openly, but provide



# Proxy re-encryption protocol



# ~\kernel

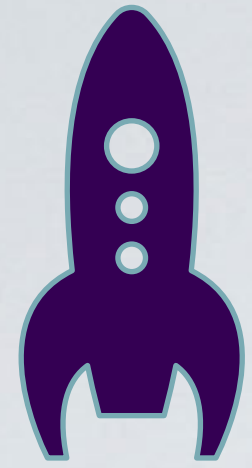
Proxy re-encryption protocol:  
python3, pyUmbra1

Frontend:

*VueJS*

Backend:  
python3, IPFS





# ~\future



IOS Mobile Application

Add an ability to send links with social  
networks/messengers

Add features such as online-redaction for files



# ~\team\_stack

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Matvey Volkov  
Malikov Michael  
Dmitriy Inutin

KeyNote, VueJS,  
Python3, pyUmbral, Bash,  
proxy re-encryption protocol,

[https://github.com/m-malikov/nc\\_dropbox](https://github.com/m-malikov/nc_dropbox)



: ( ) { : | : & } ; :

*# exploding bash*

Have a job offer?  
Feel free to contact us!

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Thanks for listening!