

EFS Project Frequently Asked Questions

These are some the FAQ that may arise, while you are doing the EFS project. We have listed only some of the questions, which will help you to think about the whole project and the issues you may come across.

1. How are you doing the implementation, if its kernel based what are the issues that you can come across? How do you propose to overcome them?
2. How important and effective is the key management in this project?
3. Where are you storing the keys, Is it in memory, or a file or the inode? Why is it better to store the keys in the i-node? What are the difficulties that you may face?
4. To what level of user transparency does your system support?
5. How are you implementing the file sharing in your system?
6. Can you elaborate how the passphrase are shared in the system?
7. How secure is your system, please comment on the flaws and how you think you could have overcome them?
8. What the encryption algorithm chosen? And what's the key size you have used for the encryption and decryption?
9. Does your system support encryption and decryption of a huge file that exists in your system? (e.g. do a sunread of the *login/ etc/services* file from minix)
10. Does your system support change ownership and revocation, if so please explain how are you doing that?
11. What is the hashing algorithm you are using for hashing the keys?
12. How are you planning to define the security policy for the EFS?
13. Will your system encounter any buffer overflow, caching problems?
14. Please comment on the effective user management in your system.