And Thaok Test Script

Turn on 6 nodes with ports

A:5000

B: 5001

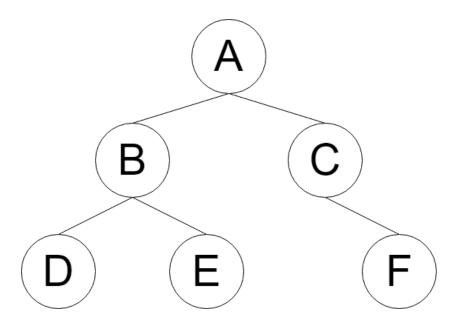
C: 5002

D: 5003

E: 5004

F: 5005

In the following hierarchy



| Step | Node | Command | Result |
|------|------|-----------------------------|--|
| 1 | Α | Search file1.txt | File not found |
| 2 | F | Add file1.txt | File1.txt is in F C A file lists |
| 3 | Α | Search file1.txt | File found in F |
| 4 | Α | Delete file1.txt | Command ignored |
| 5 | Α | Retrieve file1.txt | Node A saves file1.txt |
| 6 | Е | Search file1.txt | File found on node F |
| 7 | F | Delete file1.txt | File1.txt is no longer in F C file lists |
| 8 | В | Add file2.pdf | File2.pdf is in D B A file lists |
| 9 | Α | Search file2.pdf | File2.pdf found on B |
| 10 | Α | Retrieve file2.pdf | A saved file2.pdf |
| 11 | Α | Change password in config | |
| 12 | F | Add file3.pdf | Decryption Error at A |
| 13 | Α | Fix Password and Change MAC | |
| 14 | F | Resend all | HMAC Verification Error at A |
| 15 | Α | Fix mac | |
| 16 | F | Resend all | A file list is updated |
| 17 | Α | Retrieve file3.pdf | File is saved by A |
| 18 | В | Add file4.mp4 | File shows in A |
| 19 | Α | Search file4.mp4 | |
| 20 | Α | Retrieve file4.mp4 | A gets a "too old" error |
| 21 | В | Add file5.txt | |
| 22 | Α | Change B_PublicKey | |
| 23 | В | Add file6.txt | A gets an RSA error |
| 24 | Α | Search file5.txt | |
| 25 | Α | Retrieve file5.txt | A gets an RSA error |

²⁶ - Change the name of F to X in the config file, restart F and add any file C and A should get an RSA signature error

 $^{{\}bf 27}$ - Change time of PC D if possible and add any file, B and A should get a RSA sign error for the message