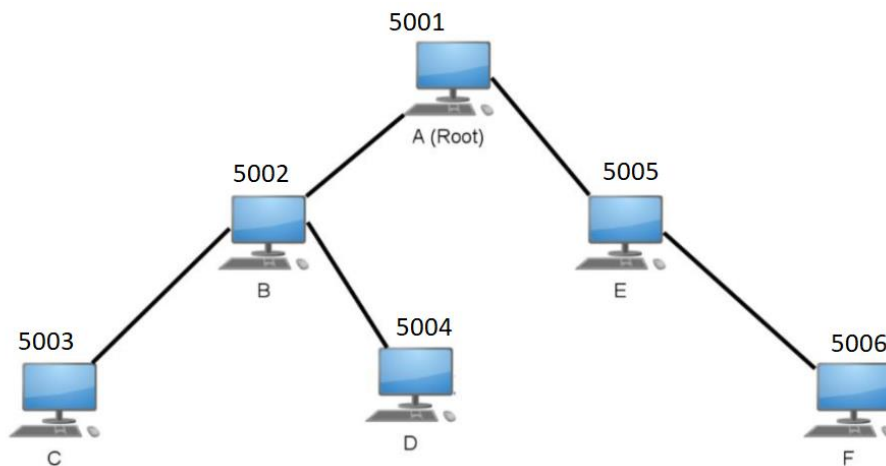


1. Turn up 6 nodes and connect them in the following hierarchy:



2. Add **file1.txt** on **node C** - Result: should be added in indexer of **B** and **A**
3. Add **file1.pdf** on **node E** - Result: should be added in indexer **A**
4. Add file 2.pdf on **node D** (file larger than 2 mb) – Result: added to indexer of **B** and **A**
5. Delete file1.txt from **node C** – Result: should be deleted in indexer of **B**
6. Add file2.pdf on **node F** (small file) – Result: should be added to indexer of **E** and **A**
7. On **node A** search for file2.pdf – Result: should be found on node **F** and **D**
8. On **node A**, retrieve file2.pdf from node **F**
9. **Node B** searches for file1.pdf – Result: finds it in indexer of node **A**
10. **Node E** Search for file1.txt – Result: found on node C
11. On **node B** change the password in config file
12. Add **file2.txt** to **node C** – Result: error message on **node B** that message can't be decrypted
13. On node B search for file2.pdf – Result: error message on node A (can't decrypt). Search stops.
14. On **node E** search for file3.pdf – Result: file not found anywhere
15. On **node B** change the password back
16. On **node C** add **file3.txt** – Result: should be added to indexer of **B** and **A**
17. On **node A** add file1.pdf – Result: should be added to the list of paths of file1.pdf
18. On **node E** search for file3.txt – Result: should be found in indexer of **A**
19. On **node E** try to retrieve file3.txt from **node A** – Result: file downloads successfully.