

● Multics Activity

- A. Complete the following tasks including technical documentation:
  - 1. Simplification of the AST
  - 2. Security Holes
  - 3. Study of system reliability and recovery from system errors with respect to kernel requirements
  
- B. Terminate other present tasks and provide technical documentation on the state of the task.
  
- C. Complete A and B above by 12/1/76.

*Support Activity*

● SFEP Activity

- A. Networking Studies
  - 1. SFEP to network connection.
    - a. Security and performance implications of host interfacing to networks.
    - b. Study issues of networking functions co-resident with other communications functions.
    - c. Establish network hardware/software interface and protocol
    - d. Define network implications to requirements for SFEP to Multics interface and protocol.
    - e. Study transfer of Network Control Program (NCP) from Multics to SFEP.

2. SFEP to include TIP functionality.
  - a. Security and performance implications of terminal connections to a network.
  - b. Study approach of terminal user requesting either connection to local host or network.
  - c. Establish network hardware/software interface and protocol.
  - d. Establish terminal to SFEP interface and protocol.
  - e. Study any NCP implications.
  
3. SFEP to include IMP functionality.
  - a. Security and performance implications involved in network switching functions.
  - b. Establish the network interface and protocols.
  - c. Demonstrate a local network.

● Contents of all technical reports

- A. Purpose of the research task
- B. Technical accomplishments
- C. Technical work remaining
- D. Conclusion and recommendations

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Tasks done