DATE: JUNE 15, 1971

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SUBJECT: CONCISE SUMMARY OF ACCESS CONTROL PROPOSALS DESIGN REVIEW HELD JUNE 14, 1971

Absent: M. D. Schroeder

I. It was the consensus of the group that the proposals were sound and should be adopted.

1) Ring brackets on directory segments should be discarded.

2) The CACL should be discarded and the concept of the initial ACL should be used.

3) The names of the attributes for directories (rewa) should be changed (luma?).

II. Prior to implementation, there are a number of items which require attention:

1) The proposals should be reviewed with Schroeder (RJF/VLV).

2) A statistics gatherer should be implemented and run that computes the storage needed to replace CACL's with longer ACL's and estimates how much CACL's are being used. (RJF)

3) A plan for implementing the proposals in an upwards compatible way must be developed. Documentation for users must be included in this plan. (RJF/VLV)

II. (Continued)

4) The "hole" in the protection system regarding access on gate segments should be "plugged" (disallow the ability to place members of another project on the ACL of a gate segment.)

5) Clarify the access changing rules. (Possible new rule: you can't remove yourself from ACL; you can only change ACL if you are on it). (RJF/VLV)

III. There are a number of issues that are related to the above proposals that don't need resolution prior to implementation but should be considered:

1) extended access on segments.

2) more access attributes for directories (using extended access).

3) a more permissive set of access control rules for gates.

4) anonymous users should not derive access from a match with star (*). (An approximation to this could be implemented at command level.)

5) the use of the tag field on an access name.

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