

Interoffice Memo

Seagate Technology

**2400 Trade Center
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Date: 04/29/97
To: Diskboys
From: Mike Bryan
RE: Login Query move

The following proposal is intended to move the function of the Login Query ORB to CSR space.

Since the Login Query management function is the only function that forces a device to respond to an initiator that is not logged in, this proposal requests that the information contained in the response to a Login Query function be moved to CSR space. This change moves all unprotected data to either CSR space or Configuration ROM. It also simplifies target functionality since no special case exists for the handling of any ORB function.

The format of the Login Query CSRs is shown below:

Offset	Description	
00 ₁₆	length[m]	max_logins
04 ₁₆	node_ID[0]	login_ID[0]
08 ₁₆ 0C ₁₆	initiator_EUI_64[0]	
	⚡	
m-13	node_ID[n-1]	login_ID[n-1]
m-9 m-5	initiator_EUI_64[n-1]	

Figure 1 - Login ORB format