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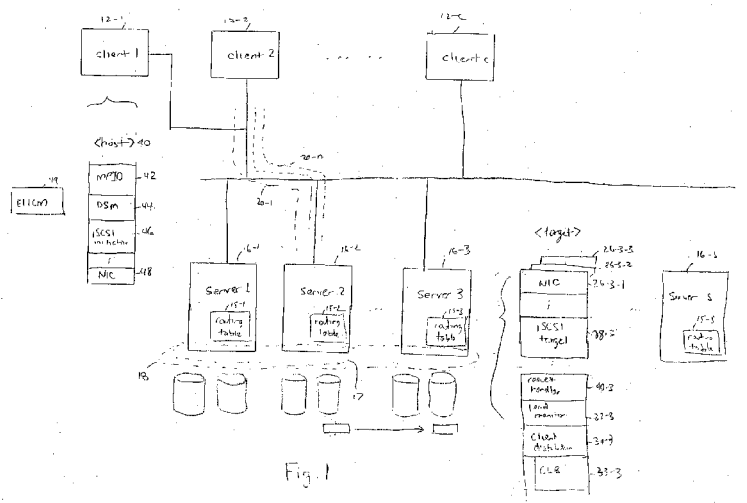
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(54) Title: STORAGE AREA NETWORK WITH TARGET SIDE RECOGNITION AND ROUTING TABLE UPLOAD



(57) Abstract: A network of data processors providing access to resources using iSCSI and Microsoft MPIO-based network communication protocols is disclosed. The system uses target-side consideration of MPIO disk structures, having iSCSI initiators inform iSCSI targets using an iSCSI session object, and/or uploads routing tables from iSCSI targets to iSCSI initiator(s). Implementations may also involve requesting that the contents of the routing table be provided from the iSCSI target(s) to the iSCSI initiators influencing path selection on the initiator side, and/or transmitting information from the iSCSI initiator to the iSCSI target identifying connections as belonging to the same MPIO disk, receiving information about the connections that should be created from the iSCSI target storage server, and using a connection load balancer on the storage server to handle related connections that need to be assigned different network interfaces on the storage servers.