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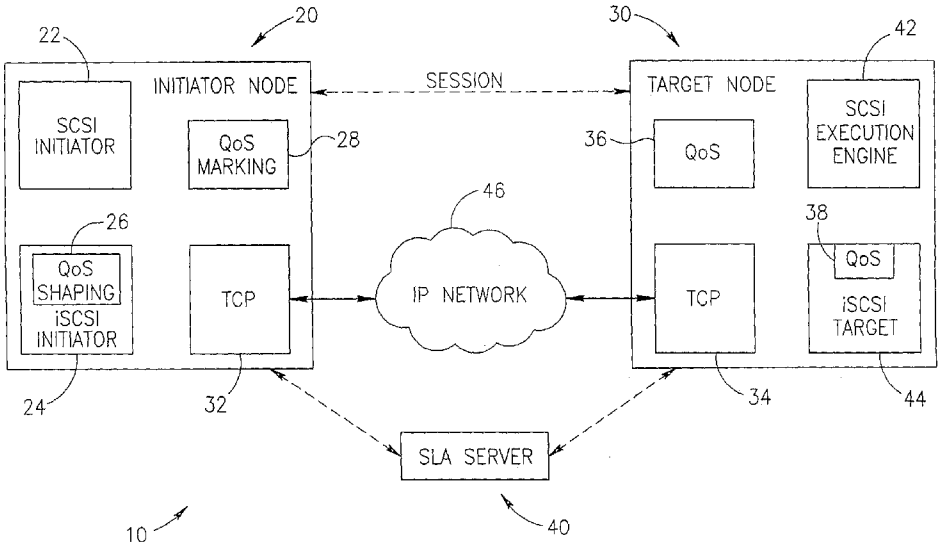
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(54) Title: QUALITY OF SERVICE FOR ISCSI



(57) Abstract: A system adapted to provide quality of service (QoS) for an iSCSI environment including one or more initiators and one or more targets. Each initiator includes an iSCSI initiator and a TCP layer. The iSCSI initiator includes a QoS shaper for shaping one or more iSCSI PDUs according to QoS policies. The TCP layer includes a QoS marker for marking the PDUs according to the QoS policies. The target includes a first and second QoS component. The first QoS component is in an iSCSI target and handles I/O resources. The first QoS component shapes read commands and write commands according to QoS policies. The second QoS component is in a TCP layer and handles network resources. iSCSI PDUs are shaped and marked according to QoS policies of iSCSI. The QoS policies used by the initiators and targets include policies for network resources and policies for I/O resources.

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