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(54) Title: SHADOWING STORAGE GATEWAY

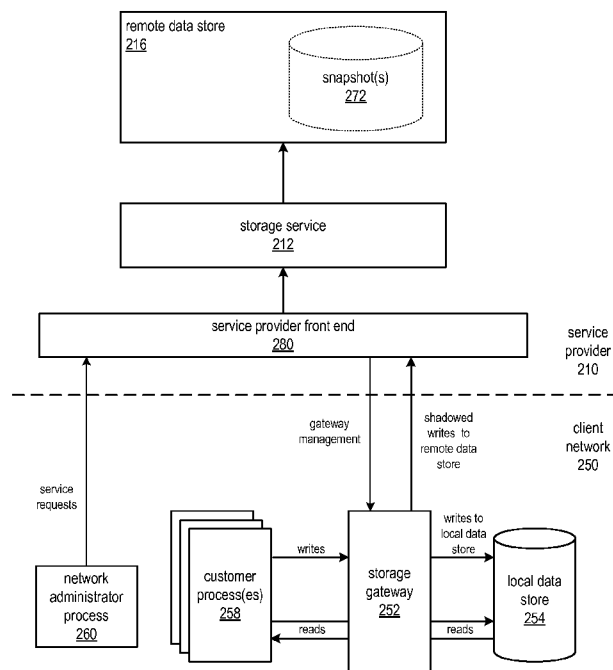


Figure 7

(57) **Abstract:** Methods, apparatus, and computer-accessible storage media for shadowing data stored on a local store to a remote store provided by a service provider. A gateway may be configured as a Methods, apparatus, and computer-accessible storage media for shadowing data stored on a local store to a remote store provided by a service provider. A gateway may be configured as a shadowing gateway on a customer network in response to receiving configuration information. The shadowing gateway may receive reads and writes to the local store. The gateway passes the requests to the local store, and also uploads write data indicated by the writes to the service provider to update a snapshot of the local store maintained by the service provider on the remote store. The write data may be buffered to a write log for uploading, and may be uploaded as blocks according to a block storage format used by the service provider. The shadowing process may be transparent to processes on the customer network. The shadowed data may be used to recover data on the local store.



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