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(54) Title: DEMAND BASED USB PROXY FOR DATA STORES IN SERVICE PROCESSOR COMPLEX

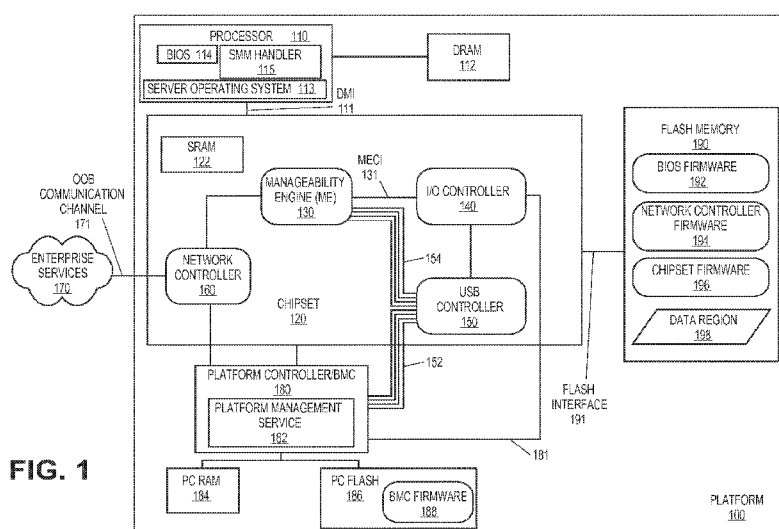


FIG. 1

(57) Abstract: A method, apparatus, system, and computer program product for secure server system management. A payload containing system software and/or firmware updates is distributed in an on-demand, secure I/O operation. The I/O operation is performed via a secured communication channel inaccessible by the server operating system to an emulated USB drive. The secure communication channel can be established for the I/O operation only after authenticating the recipient of the payload, and the payload can be protected from access by a potentially-infected server operating system. Furthermore, the payload can be delivered on demand rather than relying on a BIOS update schedule, and the payload can be delivered at speeds of a write operation to a USB drive.



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