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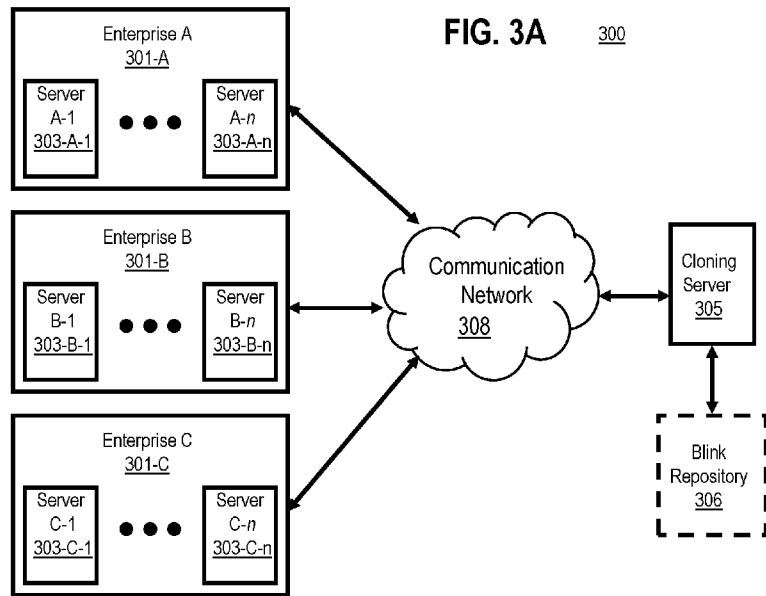
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(57) Abstract: A system and method to create a clone of a source computing system, the system including the steps of selecting a memory space coupled to the source computing system, retrieving uncoded data from the selected memory space, encoding the uncoded data by use of a bit-marker-based encoding process executing on a backup server, storing encoded data in a protected memory coupled to the backup server, wherein the protected memory is protected from a power interruption, retrieving the encoded data from the protected memory; and decoding the encoded data onto a target computing system, wherein the target computing system is separate from the source computing system.

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