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Elimination of Duplicate data in cloud storage nodes with backup scheduling

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Abstract: Cloud computing is an emerging technology; it provides many services regarding software, infrastructure, storage, etc. Storage as a service is very eminent service and makes users to use their storage space efficiently. In cloud computing, to reduce the consumption of storage area and to save the bandwidth, data deduplication technique is used. This technique eliminates the redundancy data. To provide semantic security for the data, a new scheme is proposed. By separating the data as encrypted and un-encrypted data can attain semantic security than the previous system. To improve the speed, reliability and availability of the data backup scheduling is proposed.