Method and System to Prevent Information Leakage in Information Dispersal Algorithm (NYP ID: 0471)

Technology
Cloud storage technology

Type of IP and status
Know-how.

Overview
This invention relates to a system and method for preventing information leakage when implementing information dispersal algorithm (IDA).

The method comprises receiving a data, randomizing the data, applying an Information Dispersal Algorithm (IDA) to the randomized data to obtain slices of data, and storing the slices of data on the distributed storage network.

Potential Applications
This system can potentially be incorporated as part of the public cloud storage solutions by cloud consumer (enterprises), cloud broker or application developer of cloud security solutions/application

Advantages
- High level of security in that all slices of data are required to reconstruct the original data
- Systems and methods do not require any encryption key, hence eliminating any risks in sharing of encryption keys over a network

Technology & Licensing Enquiries

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