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Data leakage is nothing but getting access to essential data of a person or an organization by unauthorized users.

many organizations, and companies outsource their data to other companies or organizations or agents, all these agents got recognized as trusted third-party agents

IF any trusted third-party agents leaks data to any unauthorized person then they are called as faulty/untrusted/guilty agents.

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The problem of data leakage is much more relevant and crucial nowadays as much of our information is available online

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MAC - Media Access Control AES - Advanced Encryption standard

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In this Algorithm, the distributor first creates a list of data objects that have been allocated to the least number of agents, and then an object is randomly selected from this subset.