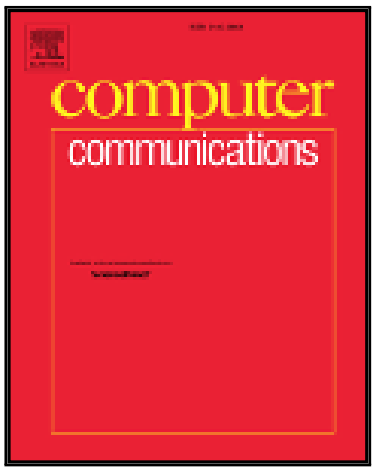

Privacy-preserving data outsourcing in the cloud via semantic data splitting

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Research highlights

- Automatic privacy-preserving mechanism for outsourcing unstructured data to a multi-cloud
- Semantic data splitting provides efficient and utility preserving data protection
- It relies on a privacy model that offers intuitive and a priori privacy guarantees
- Heuristic algorithms minimize the number of cloud locations needed to protect data