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Multicloud Based Backup and Disaster Recovery Service

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Abstract: *In the recently years organizations have started to generate huge amounts of information of different formats. Availability of this huge amount of data collected is required for continuity of business during disasters .It is one of the main necessities of the time. Currently these backup and recovery services run with disadvantages of being very expensive with high restore and backup time. Solution to the above issues is cloud based platforms which will be used for these services. Cloud based platforms can be used for any amount of resources limited or boundless. Scheduling strategy COST-RTO tradeoffs scheduling algorithm is used to find the right server location to back up the replicated data. This algorithm mainly reduces the cost and data recovery time during a disaster. Here 3 backups are made and storage of these replicas of the data is done by this replica scheduler. Methods like incremental backup is being used to reduce backup time, metadata of the backed up data will be generated. This generated meta-data will help to retrieve data faster while restoring .Delivering these solutions as cloud services for faster and lowered cost accessing is the main objective which is fulfilled by the application..*

Keywords: Disaster Recovery

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