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Patents

- **Virtual Tape Library System - [10013166](#)**
 - A method for exposing a [tape library](#) interface to an object store (S3 and Glacier). Available to customers as the [AWS Storage Gateway Virtual Tape Backup to the Cloud](#) product. Allows customers to migrate their backups to the cloud without changing their existing on-premises backup tooling. Currently supported by every major backup software vendor.
- **Task Scheduling, Execution, and Monitoring - [10360064](#)**
 - A failure resistant method for the reliable execution of a scheduled task. Ensures that any given task runs and only runs once. Available to customers as the [Scheduled Tasks feature of the Amazon Elastic Container Service](#).
- **Unmodifiable Data in a Storage Service - [10078656](#)**
 - Describes a [WORM](#) interface to an object store. Available to customers as the [Object Lock](#) feature. Used by customers with regulatory requirements for records retention; pharmaceutical, financial, aeronautical, legal holds, etc.
- **Implementation of a Service that Coordinates the Placement and Execution of Containers - [10218633](#)**
 - Describes an external, asynchronous trigger system for the execution of containers. Designed to lower the costs of hosting millions of infrequently accessed websites, this system uses the DNS lookup from a client to asynchronously trigger the execution of a container that hosts the requested resources.
- **Disaster Recovery as a Service - [9274903](#)**
 - A Disaster Recovery Service designed to make specific resources available to a customer in the event of a data region failure. The customer specifies a recovery point objective, a recovery time objective and a recovery data region for the scenario. The service then coordinates with one or more other services provided by the computing resource service provider to reproduce the customer resources necessary to support the customer in a different geography.
- **Merchant Attribution for Sales - [9082143](#)**
 - Describes a system wherein a brick-and-mortar merchant may receive a commission when a customer interacts with an item at the brick-and-mortar merchant but later purchases the same or similar item from another source such as an on-line retailer. The on-line retailer may track and compensate the retail partner for interacting with a user when the user visits the retail partner's location and possibly receives sales help and then later obtains the item from the online retailer.
- **Replication Target as a Service - [10592106](#)**
 - A service that allows for block level replication of on-premises disk devices to a computing resource service provider. Designed to support replicating data at the block level, this service would be vendor agnostic as to the storage device(s) vendor at the on-premises side of the replication relationship.