

Title (en)

METHODS AND APPARATUS FOR RECONFIGURING A STORAGE SYSTEM

Title (de)

VERFAHREN UND VORRICHTUNG ZUR NEUKONFIGURIERUNG EINES SPEICHERSYSTEMS

Title (fr)

PROCÉDÉS ET APPAREIL DE RECONFIGURATION D'UN SYSTÈME DE STOCKAGE

Publication

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Application

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Abstract (en)

[origin: WO2007081581A2] One embodiment relates to a computer system comprising at least one host, at least one object addressable storage (OAS) system and at least one communication medium that couples the at least one host to the at least one OAS system. The at least one OAS system has a plurality of storage devices and stores a plurality of content units on the plurality of storage devices. Each of the at least one host and the at least one OAS system has software that provides a OAS interface so that each one of the content units stored on the OAS system may be identified between the at least one host and the at least one OAS using an object identifier. The computer system maps the object identifier for a first of the plurality of content units to at least one of the plurality of storage devices over at least one first path. In response to a failure that prevents the at least one host from accessing the first content unit via the at least one first path, the computer system is automatically reconfigured to establish at least one previously non-established second path that enables the at least one host to access the first content unit using the object identifier for the first content unit.

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