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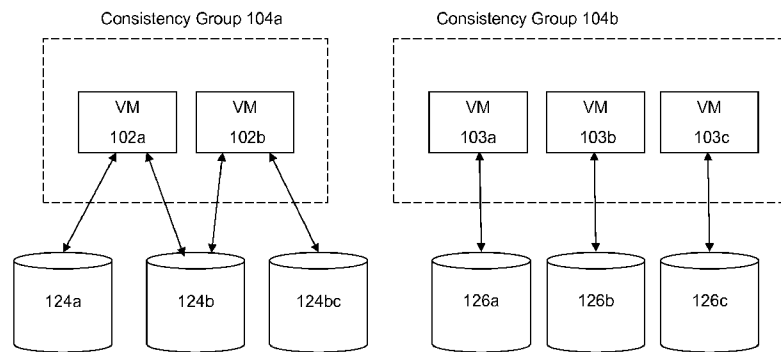
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(54) Title: IMPLEMENTING CONSISTENCY GROUPS WITH VIRTUAL MACHINES

FIG. 1



(57) Abstract: Disclosed is an approach for implementing disaster recovery for virtual machines. Consistency groups are implemented for virtual machines, where the consistency group link together two or more VMs. The consistency group includes any set of VMs which need to be managed on a consistent basis in the event of a disaster recovery scenario.

INTERNATIONAL SEARCH REPORT

International application No.
PCT/US13/77865

A. CLASSIFICATION OF SUBJECT MATTER

IPC(8) - G06F 17/30 (2014.01)

USPC - 707/639; 711/162

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC(8) Classification(s): G06F 13/00, 17/30 (2014.01)

USPC Classification(s): 707/639, 999.201; 711/162, E12.103

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

MicroPatent (US-G, US-A, EP-A, EP-B, WO, JP-bib, DE-C,B, DE-A, DE-T, DE-U, GB-A, FR-A); IP.com; IEEE; Google/Google Scholar;
Keywords: consistency, group cluster, set, virtual, machine, VM, snapshot, lock, restore

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X ----- Y	US 2012/0271797 A1 (PATIL, R) 25 October 2012; Abstract, Figure 4, paragraphs [0032], [0040], [0051]-[0060].	13, 14 ----- 1-11
Y	US 6,549,992 B1 (ARMANGAU, P et al.) 15 April 2003; Abstract, column 14, lines 36-41.	1-11
A	US 2010/0011178 A1 (FEATHERGILL, D) 14 January 2010; the entire document.	1-11, 13-14
A	US 2007/0136389 A1 (BERGANT, M et al.) 14 June 2007; the entire document.	1-11, 13-14

Further documents are listed in the continuation of Box C.

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