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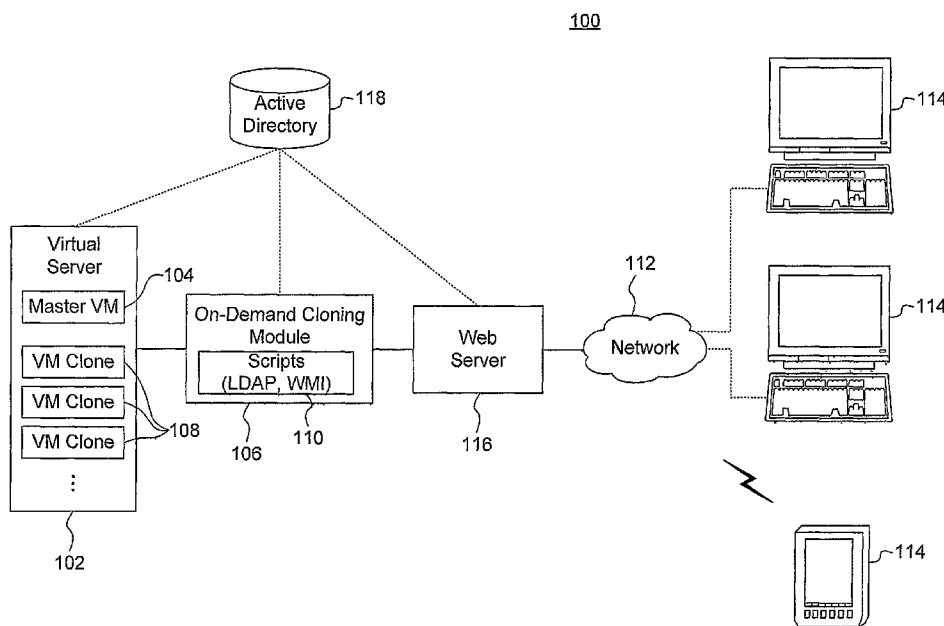
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(54) Title: SYSTEM AND METHOD FOR ON-DEMAND CLONING OF VIRTUAL MACHINES



(57) Abstract: A system for on-demand cloning of virtual machines (VMs) (108) includes a virtual server (102) to host a number of VMs (104, 108), the virtual server including at least one master VM (104). The system also includes a Web server (116) to authenticate a user in response to a request for online access to a new VM on the virtual server (102). In addition, the system includes a cloning module (106), in communication with the Web server (116) and the virtual server (102), to automatically clone the master VM (104) to create a unique VM clone (108) for the user on the virtual server (102) responsive to the request.

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# INTERNATIONAL SEARCH REPORT

International application No.  PCT/US05/26354
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**A. CLASSIFICATION OF SUBJECT MATTER**  
**IPC: G06F 9/455(2006.01);H04L 9/00(2006.01)**

USPC: 713/155;709/229;718/1  
 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)  
 U.S. : 713/155; 709/229; 718/1

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)  
 EAST, ACM, GOOGLE SCHOLAR, IEEE

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
T, X	U.S. 2007/0089111 A1 (ROBINSON et al.) 19 April 2007 (19.04.2007), all.	1-61
X, P	U.S. 2004/0221290 A1 (CASEY et al.) 04 November 2004 (04.11.2004), all.	1-61
Y, P	U.S. 2005/0108709 A1 (SCIANDRA et al.) 19 May 2005 (19.05.2005), all.	1-61
X	U.S. 2003/0088604 A1 (KUCK et al.) 08 May 2003 (08.05.2003), all.	1-61
A	U.S. 6,922,774 B2 (MEUSHAW et al.) 26 July 2005 (26.07.2005), all.	1-61
A	U.S. 2003/0233385 A1 (SRINIVASA et al.) 18 December 2003 (18.12.2003), all.	1-61
A	U.S. 6,189,103 B1 (NAVAREZ et al.) 13 February 2001 (13.02.2001), all.	1-61

Further documents are listed in the continuation of Box C.       See patent family annex.

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Date of the actual completion of the international search 08 June 2007 (08.06.2007)	Date of mailing of the international search report <b>10 AUG 2007</b>
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