

Title (en)

AUTOMATIC SELECTION OF SECONDARY BACKEND COMPUTING DEVICES FOR VIRTUAL MACHINE IMAGE REPLICATION

Title (de)

AUTOMATISCHE AUSWAHL SEKUNDÄRER BACKEND-RECHNERVORRICHTUNGEN FÜR BILDWIEDERHOLUNGEN AUF EINER VIRTUELLEN MASCHINE

Title (fr)

SÉLECTION AUTOMATIQUE DE DISPOSITIFS INFORMATIQUES PRINCIPAUX SECONDAIRES POUR LA DUPLICATION D'IMAGES DE MACHINES VIRTUELLES

Publication

**EP 2625603 A2 20130814 (EN)**

Application

**EP 11831529 A 20111005**

Priority

- US 95908110 A 20101202
- US 38974810 P 20101005
- US 2011054946 W 20111005

Abstract (en)

[origin: WO2012048014A2] Systems and methods are disclosed herein to automatically select remote cloud sites to replicate new virtual machine image (VM) files. Secondary VM computing devices are automatically selected for placing a new VM image file by reviewing the operating parameters (e.g., cost of operation, power consumption, etc.) of a number of secondary VM computing devices available of storing VM image replicas in comparison with a pre-defined set of limiting parameters from a computer-coded business rule. Alternatively, the secondary VM computing devices are selected by matching operating parameter values of existing secondary VM image files to the new VM image file identify similar operating parameter values. A replica of the new primary VM image is stored in the secondary VM computing devices, where the primary and secondary VM images are in geographically disparate cloud locations.

IPC 8 full level

**G06F 9/44** (2006.01); **G06F 15/16** (2006.01)

CPC (source: EP)

**G06F 9/45558** (2013.01); **G06F 9/5077** (2013.01); **G06F 11/2097** (2013.01); **G06F 3/0605** (2013.01); **G06F 3/065** (2013.01); **G06F 3/067** (2013.01); **G06F 11/1484** (2013.01); **G06F 11/2094** (2013.01); **G06F 2009/4557** (2013.01); **Y02D 10/00** (2017.12)

Citation (search report)

See references of WO 2012048014A2

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

**WO 2012048014 A2 20120412**; **WO 2012048014 A3 20120607**; AU 2011312100 A1 20130502; AU 2011312100 B2 20160519; CA 2813596 A1 20120412; EP 2625603 A2 20130814

DOCDB simple family (application)

**US 2011054946 W 20111005**; AU 2011312100 A 20111005; CA 2813596 A 20111005; EP 11831529 A 20111005