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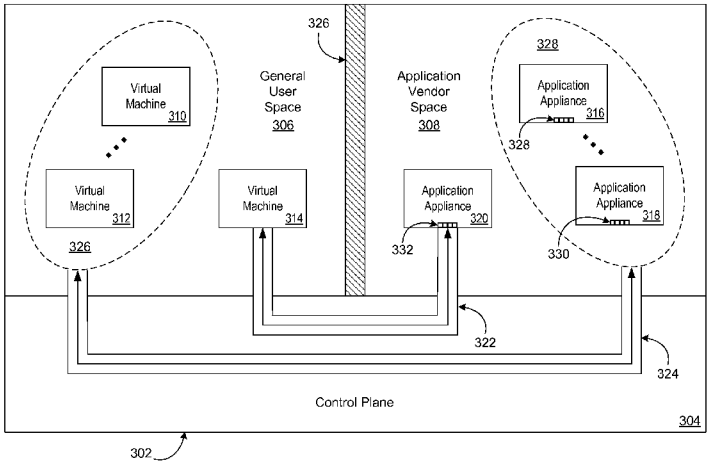

Figure 3

(57) Abstract: Illegal, unauthorized, uncompensated and/or under-compensated utilization of computing application functionality may be mitigated at least in part by controlling access to executable instructions implementing the computing application functionality. The executable instructions may be executed by a set of one or more virtual machines provisioned by a multi-tenant virtual resource provider. The virtual resource provider may provision the virtual machines and other virtual resources with a set of implementation resources managed by a control plane of the virtual resource provider. The control plane may perform a number of control functions for the virtual resource provider including management and enforcement of virtual resource access policies such as one or more policies collectively specifying that the computing application functionality is to be accessed in accordance with a license or agreement between a third party provider or vendor of the computing application functionality and a user of the computing application functionality.

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INTERNATIONAL SEARCH REPORT

International application No.
PCT/US 12/30130

A. CLASSIFICATION OF SUBJECT MATTER
IPC(8) - G06F 7/04 (2012.01)
USPC - 726/27
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): G06F 7/04 (2012.01)
USPC: 726/27

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
USPC: 726/26, 28-30 | 718/1,100 (keyword limited; terms below)

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
PubWEST (PGPB, USPT, EPAB, JPAB); Google Scholar; Google Patents; FreePatentsOnline. Search terms used: rights-management DRM copy-protection, provision, virtual-machine virtual-resource, virtual-resource-provider virtual-private-computing-cloud VPC rights-provisioning-virtual-resource multi-tenant multiple-tenant, connection ...

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 2011/0022812 A1 (VAN DER LINDEN et al.) 27 January 2011 (27.01.2011) entire document, especially Abstract; para [0074], [0098], [0135], [0148], [0186], [0256], [0276], [0295], [0303], [0310], [0313], [0333], [0357], [0385], [0542], [0645]	1-7, 12-14 ---------- 8-11, 15
Y	US 2007/0157287 A1 (LIM) 05 July 2007 (05.07.2007) entire document, especially Abstract; para [0015], [0075], [0241], [0267], [0634], [0637], [0639], [0654], [0658], [0683]	8-11, 15
A	US 2007/0028244 A1 (LANDIS et al.) 01 February 2007 (01.02.2007) entire document	1 - 15
A	PAPAGIANNI et al. "Supporting end-to-end resource virtualization for Web 2.0 applications using Service Oriented Architecture". In 2008 GLOBECOM Workshops [online], pp. 1-7. Published Noivember 30, 2008. [retrieved on 2012-06-06]. Retrieved from the Internet <URL: http://eprints.eemcs.utwente.nl/14633/01/glow-PID781177.pdf > entire document	1 - 15
L	Citation for PAPAGIANNI et al. "Supporting end-to-end resource virtualization for Web 2.0 applications using Service Oriented Architecture". In 2008 GLOBECOM Workshops [online], pp. 1-7. Published Noivember 30, 2008. [retrieved on 2012-06-06]. Retrieved from the Internet <URL: http://www.narcis.nl/publication/RecordID/oai:doc.utwente.nl:62620 > entire document	1 - 15

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"A" document defining the general state of the art which is not considered to be of particular relevance
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"&" document member of the same patent family

Date of the actual completion of the international search	Date of mailing of the international search report
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