Title (en)

MANAGING ORGANIZATIONAL COMPUTING RESOURCES IN ACCORDANCE WITH COMPUTING ENVIRONMENT ENTITLEMENT CONTRACTS

Title (de)

ORGANISATORISCHE VERWALTUNG VON COMPUTERRESSOURCEN IN ÜBEREINSTIMMUNG MIT RECHNERUMGEBUNGS-ANSPRUCHSVERTRÄGEN

Title (fr)

GESTION DE RESSOURCES INFORMATIQUES ORGANISATIONNELLES CONFORMÉMENT À DES CONTRATS D'ADMISSIBILITÉ D'ENVIRONNEMENT INFORMATIQUE

Publication

EP 2727056 A4 20141105 (EN)

Application

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Priority

- US 201113171515 A 20110629
- US 201113171529 A 20110629
- US 201113171537 A 20110629
- US 201113171558 A 20110629
- US 201113171574 A 20110629
- US 201113171592 A 20110629
- IB 2012052908 W 20120608

Abstract (en)

[origin: WO2013001392A1] Mechanisms for reserving computing resources of a data processing system are provided. These mechanisms generate one or more computing environment entitlement contract (CEEC) data structures, each CEEC data structure defining terms of a business level agreement between a contracting party and a provider of the data processing system. These mechanisms associate a set of computing resources with a CEEC data structure. The mechanisms then manage the set of one or more computing resources in accordance with the associated CEEC. Such management includes, in response to a contracting party failing to utilize the computing resources in the selected computing resource cohort for a specified purpose at approximately a specified level and pattern of intensity during approximately a specified period of time, all of which are identified in the CEEC data structure, then the CEEC data structure is invalidated or nullified.

IPC 8 full level

G06Q 10/06 (2012.01)

CPC (source: EP KR)

G06Q 10/06 (2013.01 - EP); G06Q 10/06316 (2013.01 - KR)

Citation (search report)

- [I] US 2006085544 A1 20060420 - CHEN YEN-FU [US], et al
- [I] EP 1170662 A2 20020109 - HITACHI LTD [JP]
- [I] US 2010332262 A1 20101230 - HORVITZ ERIC J [US], et al
- [I] DAVID ROXBURGH ET AL: "Monitoring as an SLA-oriented consumable service for SaaS assurance: A prototype", INTEGRATED NETWORK MANAGEMENT (IM), 2011 IFIP/IEEE INTERNATIONAL SYMPOSIUM ON, IEEE, 23 May 2011 (2011-05-23), pages 925 - 939, XP032035337, ISBN: 978-1-4244-9219-0, DOI: 10.1109/INM.2011.5990500
- [I] VINCENT C EMEAKAROHA ET AL: "Low level Metrics to High level SLAs - LoM2HiS framework: Bridging the gap between monitored metrics and SLA parameters in cloud environments", HIGH PERFORMANCE COMPUTING AND SIMULATION (HPCS), 2010 INTERNATIONAL CONFERENCE ON, IEEE, PISCATAWAY, NJ, USA, 28 June 2010 (2010-06-28), pages 48 - 54, XP031731503, ISBN: 978-1-4244-6827-0
- [I] LINLIN WU ET AL: "SLA-Based Resource Allocation for Software as a Service Provider (SaaS) in Cloud Computing Environments", CLUSTER, CLOUD AND GRID COMPUTING (CCGRID), 2011 11TH IEEE/ACM INTERNATIONAL SYMPOSIUM ON, IEEE, 23 May 2011 (2011-05-23), pages 195 - 204, XP032004353, ISBN: 978-1-4577-0129-0, DOI: 10.1109/CCGRID.2011.51
- See references of WO 2013001392A1

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 2013001392 A1 20130103; CA 2835919 A1 20130103; CN 103562940 A 20140205; EP 2727056 A1 20140507; EP 2727056 A4 20141105; JP 2014525078 A 20140925; KR 20130143122 A 20131230

DOCDB simple family (application)

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