

Title (en)  
COMPUTING INSTANCE LAUNCH TIME

Title (de)  
BERECHNUNGSINSTANZSTARTZEIT

Title (fr)  
HEURES DE LANCEMENT D'INSTANCES INFORMATIQUES

Publication  
**EP 3191948 A1 20170719 (EN)**

Application  
**EP 15772087 A 20150910**

Priority  

- US 201414482841 A 20140910
- US 201414482812 A 20140910
- US 201414482789 A 20140910
- US 2015049521 W 20150910

Abstract (en)  
[origin: WO2016040699A1] A technology is described for predicting a launch time for a computing instance. An example method may include receiving a request for a predicted launch time to launch a computing instance on a physical host within a computing service environment. Data associated with launch features of a computing instance may then be obtained, where the launch features may be determined to have an impact on a launch time of the computing instance on a physical host within a computing service environment. The launch features of the computing instance may then be input to a machine learning model that outputs the predicted launch time for launching the computing instance within the computing service environment.

IPC 8 full level  
**G06F 9/48** (2006.01)

CPC (source: CN EP)  
**G06F 9/485** (2013.01 - CN); **G06F 9/5072** (2013.01 - EP); **H04L 67/568** (2022.05 - CN); **H04L 67/62** (2022.05 - CN);  
**G06F 2209/5019** (2013.01 - EP)

Citation (search report)  
See references of WO 2016040699A1

Citation (examination)  

- WU HAO ET AL: "Modeling the Virtual Machine Launching Overhead under Fermicloud", 2014 14TH IEEE/ACM INTERNATIONAL SYMPOSIUM ON CLUSTER, CLOUD AND GRID COMPUTING, IEEE, 26 May 2014 (2014-05-26), pages 374 - 383, XP032614430, DOI: 10.1109/CCGRID.2014.87
- ANTONESCU ALEXANDRU-FLORIAN ET AL: "Improving management of distributed services using correlations and predictions in SLA-driven cloud computing systems", 2014 IEEE NETWORK OPERATIONS AND MANAGEMENT SYMPOSIUM (NOMS), IEEE, 5 May 2014 (2014-05-05), pages 1 - 8, XP032608874, DOI: 10.1109/NOMS.2014.6838320
- MICHAEL MAURER ET AL: "Adaptive resource configuration for Cloud infrastructure management", FUTURE GENERATIONS COMPUTER SYSTEMS., vol. 29, no. 2, 1 February 2013 (2013-02-01), NL, pages 472 - 487, XP055457591, ISSN: 0167-739X, DOI: 10.1016/j.future.2012.07.004

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

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**WO 2016040699 A1 20160317**; CN 107077385 A 20170818; CN 107077385 B 20191025; EP 3191948 A1 20170719;  
JP 2017527037 A 20170914; JP 6564023 B2 20190821

DOCDB simple family (application)  
**US 2015049521 W 20150910**; CN 201580048245 A 20150910; EP 15772087 A 20150910; JP 2017511699 A 20150910