

(12) PATENT APPLICATION PUBLICATION

(21) Application No.202211052282 A

(19) INDIA

(22) Date of filing of Application :13/09/2022

(43) Publication Date : 16/09/2022

(54) Title of the invention : MACHINE LEARNING-BASED METHODOLOGY FOR DATABASE MIGRATION IN CLOUD COMPUTING ENVIRONMENT

<p>(51) International classification : G06F0016210000, H04L0029080000, H04L0012240000, G06F0009500000, H04L0012910000</p> <p>(86) International Application No : NA Filing Date : NA</p> <p>(87) International Publication No : NA</p> <p>(61) Patent of Addition to Application Number : NA Filing Date : NA</p> <p>(62) Divisional to Application Number : NA Filing Date : NA</p>	<p>(71)Name of Applicant : 1)Jitendra Kurmi Address of Applicant :Research scholar, Department of Computer science, University of Lucknow, Lucknow, Uttar Pradesh, India - 226007</p> <p>2)Dr. Dilip Kumar Sharma 3)M. K. Sharma 4)Dr. Ajendra Sharma 5)Dr. Sanjeev Kumar 6)Nitesh Dhiman 7)Dr. Omkar Suresh Vaidya 8)Dr. Ruchi Gupta 9)Dr. Subha Ran Palamuri 10)Ankit Parwal 11)Priyanka Sharma 12)Ajay Bhardwaj</p> <p>Name of Applicant : NA Address of Applicant : NA</p> <p>(72)Name of Inventor : 1)Jitendra Kurmi Address of Applicant :Research scholar, Department of Computer science, University of Lucknow, Lucknow, Uttar Pradesh, India - 226007</p> <p>2)Dr. Dilip Kumar Sharma Address of Applicant :Department of Mathematics, Jaypee University of Engineering and Technology, Guna (M.P.), India</p> <p>3)M. K. Sharma Address of Applicant :Professor, Department of Mathematics, Chaudhary Charan Singh University, Meerut, Uttar Pradesh, India - 250004</p> <p>4)Dr. Ajendra Sharma Address of Applicant :Department of Mathematics, N.A.S. (P.G.) College, Meerut, U.P., India - 250004</p> <p>5)Dr. Sanjeev Kumar Address of Applicant :Associate Professor, Department of Economics, Chaudhary Charan Singh University, Meerut, U.P., India</p> <p>6)Nitesh Dhiman Address of Applicant :Department of Mathematics, Ch. Charan Singh University, Meerut (U.P.), India - 250004</p> <p>7)Dr. Omkar Suresh Vaidya Address of Applicant :Associate Professor, Department of Electronics and Telecommunication Engineering, Sandip Institute of Technology and Research Centre, Nashik, Savitribai Phule Pune University, Pune, Maharashtra, India</p> <p>8)Dr. Ruchi Gupta Address of Applicant :Associate Professor, Department of Information Technology, Ajay Kumar Garg Engineering College Ghaziabad, Abdul Kalam Technical University, Lucknow Uttar Pradesh, India</p> <p>9)Dr. Subha Ran Palamuri Address of Applicant :Associate Professor, Department of Computer Science and Engineering, Kaknada Institute of Engineering Technology, Korangi, Kakinada Dt, Andhra Pradesh, India</p> <p>10)Ankit Parwal Address of Applicant :Assistant Professor, Department of Computer Science & Engineering, School of Engineering & Technology Sangam University, Bhilwara, Rajasthan, India</p> <p>11)Priyanka Sharma Address of Applicant :Assistant Professor, Department of CSI, SKIT College, Jaipur, Rajasthan, India</p> <p>12)Ajay Bhardwaj Address of Applicant :Assistant Professor, Department of Electrical Engineering, SKIT College, Jaipur, Rajasthan, India</p>
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(57) Abstract :
The present invention discloses a system based on machine learning for database migration in a cloud computing environment and the method thereof. The method and system include, but are not limited to, a processing unit coupled with a memory unit for further having a plurality of database migration modules in a cloud network and a computation server provided in a cloud network for configuring and determining a weight function for each of a plurality of hosts connected in a cloud network with dependence on the current resource utilization in database storage and management system and further, predicted resource utilization and cause allocation of a cloud computing resource in dependence on the determined weight function.

No. of Pages : 8 No. of Claims : 7



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Application Details

APPLICATION NUMBER	202211052282
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	13/09/2022
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TITLE OF INVENTION	MACHINE LEARNING-BASED METHODOLOGY FOR DATABASE MIGRATION IN CLOUD COMPUTING ENVIRONMENT
FIELD OF INVENTION	COMPUTER SCIENCE
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E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	16/09/2022

Application Status

APPLICATION STATUS

Awaiting Request for Examination

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➡ Filed ➡ Published ➡ RQ Filed ➡ Under Examination ➡ Disposed

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