

# **List of Projects in Cloud Computing S-Logix**

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1. Fine-Grained Two-Factor Access Control for Web-Based Cloud Computing Services, IEEE Transactions on Information Forensics and Security, March 2016 [Java/J2EE].
2. Two Layer Encryption for Preserving Privacy on Public Cloud, International Journal of Computer Applications, May 2016 [Java].
3. Identifying Overloaded Servers and Managing Dynamic Placement of Virtual machines in Cloud, International Journal of Computer Applications, April 2016 [Java/Cloudsim].
4. Energy-efficient Task Execution for Application as a General Topology in Mobile Cloud Computing, IEEE Transactions on Cloud Computing, 2016 [Java/Cloudsim].
5. An Efficient Methodology for Storing Sensitive Data using Nested Cloud, International Journal of Computer Applications, May 2016.[Java].
6. On Optimal and Fair Service Allocation in Mobile Cloud Computing, IEEE Transactions on Cloud Computing, 2016 [Java/Cloudsim].
7. Joint Energy Minimization and Resource Allocation in C-RAN with Mobile Cloud, IEEE Transactions on Cloud Computing, 2016 [Java/Cloudsim].
8. CypherDB- A Novel Architecture for Outsourcing Secure Database Processing, IEEE Transactions on Cloud Computing, 2016 [Java].
9. AutoElastic- Automatic Resource Elasticity for High Performance Applications in the Cloud, IEEE Transactions on Cloud Computing, March 2016 [Java/Cloudsim].
10. Access Control for Cloud Computing Through Secure OTP Logging as Services, International Journal of Computer Applications, May 2016.[Java/Cloudsim].
11. Stochastic Load Balancing for Virtual Resource Management in Datacenters, IEEE Transactions on Cloud Computing, 2016 [Java/Cloudsim].
12. An Efficient Max-Min Resource Allocator and Task Scheduling Algorithm in Cloud Computing Environment, International Journal of Computer Applications, May 2016. [Java/Cloudsim].
13. Privacy-Preserving Top-k Spatial Keyword Queries in Untrusted Cloud Environments, IEEE Transactions on Services Computing, 2016 [Java].

14. On the Security of Data Access Control for Multiauthority Cloud Storage Systems, IEEE Transactions on Services Computing, 2016 [Java].
15. Data Center Energy Efficient Network Aware Scheduling, International Journal of Computer Applications, May 2016. [Java/Cloudsim].
16. MobiCoRE- Mobile Device based Cloudlet Resource Enhancement for Optimal Task Response, IEEE Transactions on Services Computing, 2016 [Java/Cloudsim].
17. Imperfect Information Dynamic Stackelberg Game Based Resource Allocation Using Hidden Markov for Cloud Computing, IEEE Transactions on Services Computing, 2016 [Java/Cloudsim].
18. Data De-duplication Approach based on Hashing Techniques for Reducing Time Consumption over a Cloud Network, International Journal of Computer Applications, May 2016. [Java/Cloudsim].
19. Flexible and Fine-Grained Attribute-Based Data Storage in Cloud Computing, IEEE Transactions on Services Computing, 2016 [Java].
20. Energy Aware Virtual Machine Migration Techniques for Cloud Environment, International Journal of Computer Applications, May 2016. [Java/Cloudsim].
21. Dynamic-Hash-Table Based Public Auditing for Secure Cloud Storage, IEEE Transactions on Services Computing, 2016 [Java].
22. Personalized Search over Encrypted Data with Efficient and Secure Updates in Mobile Clouds, IEEE Transactions on Emerging Topics in Computing, 2016 [Java].
23. Exploiting Task Elasticity and Price Heterogeneity for Maximizing Cloud Computing Profits, IEEE Transactions on Emerging Topics in Computing, 2016 [Java/Cloudsim].
24. Implementation of DDoS Attack Preemption and Improved Data Integrity in Cloud, International Journal of Computer Applications, May 2016. [Java/Cloudsim].
25. Decentralized and Optimal Resource Cooperation in Geo-distributed Mobile Cloud Computing, IEEE Transactions on Emerging Topics in Computing, 2016 [Java/Cloudsim].
26. Auction-Based Resource Allocation for Sharing Cloudlets in Mobile Cloud Computing, IEEE Transactions on Emerging Topics in Computing, 2016 [Java/Cloudsim].
27. Privacy-Preserving and Public Auditing for Cloud Storage Applying Regeneration-Code-based using RSA Algorithm, International Journal of Computer Applications, May 2016. [Java].
28. Towards Building Forensics Enabled Cloud Through Secure Logging-as-a-Service, IEEE Transactions on Dependable and Secure Computing, April 2016 [Java].
29. Towards Privacy-Preserving Storage and Retrieval in Multiple Clouds, IEEE Transactions on Cloud Computing, 2016.[java].

30. Privacy Preserving Public Auditing for Shared Data in the Cloud using Hashing Algorithm, International Journal of Computer Applications, May 2016. [Java].
31. Scatter-Gather Live Migration of Virtual Machines, IEEE Transactions on Cloud Computing, 2016 .
32. Identity-Based Private Matching over Outsourced Encrypted Datasets, IEEE Transactions on Cloud Computing, 2016 [Java].
33. Secure and Efficient Authentication Scheme for Cloud Computing, International Journal of Computer Applications, May 2016. [Java].
34. Adaptive Multi-Resource Allocation for Cloudlet-Based Mobile Cloud Computing System, IEEE Transactions on Mobile Computing, 2016 [Java/Cloudsim].
35. A Modified Hierarchical Attribute-based Encryption Access Control Method for Mobile Cloud Computing, IEEE Transactions on Cloud Computing, 2016 [Java].
36. Dynamic and Fault-Tolerant Clustering for Scientific Workflows, IEEE Transactions on Cloud Computing, March 2016 [Java/Cloudsim].
37. Economic and Energy Considerations for Resource Augmentation in Mobile Cloud Computing, IEEE Transactions on Cloud Computing, 2016 [Java/Cloudsim].
38. Flexible Data Access Control based on Trust and Reputation in Cloud Computing, IEEE Transactions on Cloud Computing, 2016 [Java].
39. Identity-Based Encryption with Cloud Revocation Authority and Its Applications, IEEE Transactions on Cloud Computing, 2016 [Java].
40. Probabilistic Optimization of Resource Distribution and Encryption for Data Storage, IEEE Transactions on Cloud Computing, 2016 [Java/Cloudsim].
41. Secure Data Sharing in Cloud Computing Using Revocable-Storage Identity-Based Encryption, IEEE Transactions on Cloud Computing, 2016 [Java].
42. Chaotic Searchable Encryption for Mobile Cloud Storage, IEEE Transactions on Cloud Computing, 2016 [Java].
43. Optimizing Live Migration of Multiple Virtual Machines, IEEE Transactions on Cloud Computing, 2016 [Java/Cloudsim].
44. Using Proactive Fault-Tolerance Approach to Enhance Cloud Service Reliability, IEEE Transactions on Cloud Computing, 2016.
45. Workflow Scheduling in Multi-Tenant Cloud Computing Environments, IEEE Transactions on Parallel and Distributed Systems, 2016 [Java/Cloudsim].
46. Online Resource Scheduling under Concave Pricing for Cloud Computing, IEEE 2016 [Java/Cloudsim].

47. T-Broker: A Trust-Aware Service Brokering Scheme for Multiple Cloud Collaborative Services, IEEE Transaction on cloud computing, July 2015 [Java/cloudsim].
48. A Privacy-Aware Authentication Scheme for Distributed Mobile Cloud Computing Services, IEEE systems journal, September 2015 [Java/CloudSim].
49. A Procurement Auction Market to Trade Residual cloud Computing Capacity, IEEE Transactions On Cloud Computing, September 2015 [Java/CloudSim].
50. An Online Auction Framework for Dynamic Resource Provisioning in Cloud Computing, IEEE Transactions on Networking, July 2015 [Java/CloudSim].
51. Energy Efficient Dynamic Load Balancing Algorithm for Cloud Environment. International Journal of Computer Applications, June 2015 [Java/CloudSim].
52. A Hybrid Cloud Approach for Secure Authorized Deduplication, IEEE Transactions on Parallel and Distributed Systems, May 2015 [Java/CloudSim].
53. Developing Secure Cloud Storage System by Applying AES and RSA Cryptography Algorithms with Role based Access Control Model. International Journal of Computer Applications, May 2015 [Java/CloudSim].
54. Live Migration of Virtual Machines in Cloud Environment using Prediction of CPU Usage. International Journal of Computer Applications, May 2015 [Java/CloudSim].
55. Stealthy Denial of Service Strategy in Cloud Computing, IEEE Transactions on Cloud Computing, January-March 2015 [Java/CloudSim].
56. Secure Auditing and Deduplicating Data in Cloud, IEEE Transactions on Computers, January 2015 [Java/CloudSim].
57. Verifiable Auditing for Outsourced Database in Cloud Computing, IEEE Transactions on Computers, February 2015 [Java/CloudSim].
58. Panda: Public Auditing for Shared Data with Efficient User Revocation in the Cloud, IEEE Transactions on Services Computing, January-February 2015 [Java/CloudSim].
59. Generic and Efficient Constructions of Attribute-Based Encryption with Verifiable Outsourced Decryption, IEEE Transaction on Dependable and Secure Computing, April 2015 [Java].
60. Secure and Verifiable Policy Update Outsourcing for Big Data Access Control in the Cloud, IEEE Transactions on Parallel and Distributed Systems, December 2014 [Java/CloudSim].
61. On the Security of a Public Auditing Mechanism for Shared Cloud Data Service, IEEE Transactions on Services Computing, September 2014 [Java/CloudSim].
62. A combinatorial double auction resource allocation model in cloud computing, Information Sciences, Elsevier, 2014.

63. Adaptive Resource Provisioning for the Cloud Using Online Bin Packing, IEEE Transaction on Computers, NOVEMBER 2014.
64. A Hyper-Heuristic Scheduling Algorithm for Cloud, IEEE Transactions on Cloud Computing, April 2014 [Java/ CloudSim].
65. An Efficient Certificateless Encryption for Secure Data Sharing in Public Clouds, IEEE Transactions on Knowledge and Data Engineering, 2014 [Java/ CloudSim].
66. An Online Integrated Resource Allocator for Guaranteed Performance in Data Centers, IEEE Transactions on Parallel and Distributed Systems, June 2014 [Java/ CloudSim].
67. Authentication of k Nearest Neighbor Query on Road Networks, IEEE Transactions on Knowledge and Data Engineering, June 2014 [Java].
68. Authorized Public Auditing of Dynamic Big Data Storage on Cloud with Efficient Verifiable Fine-grained Updates, IEEE Transactions on Parallel and Distributed Systems, 2014 [Java/ CloudSim].
69. CIVSched: A Communication-aware Inter-VM Scheduling Technique for Decreased Network Latency between Co-located VMs, IEEE Transaction on Cloud Computing, 2014 [Java/ CloudSim].
70. Cost-Effective Authentic and Anonymous Data Sharing with Forward Security, IEEE Transactions on Computers, April 2014 [Java].
71. A Mechanism Design Approach to Resource Procurement in Cloud Computing, IEEE Transactions on computers, January 2014 [Java].
72. DR-Cloud: Multi-Cloud Based Disaster Recovery Service, Tsinghua Science and Technology, February 2014. [Java].
73. Lifelong Personal Health Data and Application Software via Virtual Machines in the Cloud, IEEE Journal of Biomedical and Health Informatics, January 2014. [Java].
74. Task-Based System Load Balancing in Cloud Computing Using Particle Swarm Optimization, Int J Parallel Prog ,2014 [Java].
75. SLA-aware Provisioning and Scheduling of Cloud Resources for Big Data Analytics, IEEE, 2014 [Java].
76. Expressive, Efficient, and Revocable Data Access Control for Multi-Authority Cloud Storage, IEEE Transactions on Parallel and Distributed Systems, 2014 [Java/ CloudSim].
77. Identity-Based Distributed Provable Data Possession in Multi-Cloud Storage, IEEE Transactions on Services Computing, 2014 [Java/ CloudSim].
78. Resource Allocation in Cloud Computing Using the Uncertainty Principle of Game Theory, IEEE SYSTEMS JOURNAL, 2013.

79. Harnessing the Cloud for Securely Outsourcing Large-Scale Systems of Linear Equations, IEEE Transactions on Parallel and Distributed Systems, June 2013 [Java/ CloudSim].
80. Mona: Secure Multi-Owner Data Sharing for Dynamic Groups in the Cloud, IEEE Transactions on Parallel and Distributed Systems, June 2013 [Java/ CloudSim].
81. QoS Ranking Prediction for Cloud Services, IEEE Transactions on Parallel and Distributed Systems, June 2013 [Java/ CloudSim].
82. Privacy-Preserving Public Auditing for Secure Cloud Storage, IEEE Transactions on Computers, Jan 2013 [Java/ CloudSim].
83. A Scalable Two-Phase Top-Down Specialization Approach for Data Anonymization Using MapReduce on Cloud, IEEE Transactions on Parallel and Distributed Systems, 2013 [Java/ CloudSim].
84. On the Investigation of Cloud-Based Mobile Media Environments with Service-Populating and QoS-Aware Mechanisms, IEEE Transactions on Multimedia, June 2013 [Java/ CloudSim].
85. Live Migration of Virtual Machines [Java].
86. A Cloud-based Approach for Interoperable EHRs", IEEE 2013 [Java/ CloudSim].
87. Privacy Preserving Delegated Access Control in Public Clouds, IEEE Transactions on Knowledge and Data Engineering, 2013 [Java/ CloudSim].
88. Application Scheduling in Mobile Cloud Computing with Load Balancing, Journal of Applied Mathematics, 2013 [Java].
89. Enhanced Public Auditability & Secure Data Storage in Cloud Computing, IEEE International Advance Computing Conference (IACC), 2013 [Java].
90. Energy-Aware Scheduling Scheme Using Workload-Aware Consolidation Technique in Cloud Data Centres, December 2013.[Java].
91. Efficient and Secure Data Storage Operations for Mobile Cloud Computing, International Conference on Network and Service Management, 2012 [Java/Cloudsim].
92. Optimal Online Deterministic Algorithms and Adaptive Heuristics for Energy and Performance Efficient Dynamic Consolidation of Virtual Machines in Cloud Data Centers, Cloud Computing and Distributed Systems (CLOUDS) Laboratory, 2012.
93. Cooperative Provable Data Possession for Integrity Verification in Multi-Cloud Storage, IEEE Transactions on Parallel and Distributed Systems, July 2012 [Java/ CloudSim].
94. Ensuring Distributed Accountability for Data Sharing in the Cloud, Transactions on Dependable and Secure Computing, July 2012 [Java/ CloudSim].
95. p-Cloud: A Distributed System for Practical PIR, Transactions on Dependable and Secure Computing, July 2012 [Java/ CloudSim].

96. A Secure Erasure Code-Based Cloud Storage System with Secure Data Forwarding, IEEE Transactions on Parallel and Distributed Systems, June 2012 [Java/ CloudSim].
97. Enabling Public Auditability and Data Dynamics for Storage Security in Cloud Computing, IEEE Transactions on Parallel and Distributed Systems, May 2011[Java/ CloudSim].

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