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Contents

1. PRIVACY PRESERVATION TECHNIQUES AND CRYPTOGRAPHY RSA IMPLEMENTED IN RAPID MINER TOOL - N. AMBIKA DEVI.....	4
2. BIG DATA – THE CONCEPT AND TOOLS - A.ANN REMOLA JEYANTHIL1, T. SUGANYA2, M.MARTIN PORUS3.....	14
3. WEB USAGE AND MINING TECHNIQUES - Mrs. B. CHANDRIKA.....	20
4. CLUSTERING BASED CBIR SYSTEM USING COLOR FEATURES - DELPHIN SAHAYA RANLL.....	21
5. MEASURES TO DETECT THE ATTACK ON WATERMARKED IMAGESWITH PSNR AND RGB INTENSITY – R.GANESH.....	25
6. A STUDY ON DIGITAL WATERMARKING TECHNIQUES AND VARIOUS ATTACKS FOR COPYRIGHT PROTECTION- R.GANESH.....	29
7. A COMPARISON OF DIFFERENT OPEN SOURCE PLATFORMS IN BIG DATA ANALYTICS – M.JANANI.....	37
8. BIOMETRICS FOR HEALTH CARE SECURITY - S.JEBAPRIYA.....	38
9. A STUDY ON CLOUD COMPUTING - N. JENIFER SHARON SUMATHI.....	39
10. A SURVEY ON INTELLIGENT TUTORING SYSTEM ARCHITECTURES – R.JOSEPHINE THERESE, R.JUSTIN KENNEDY.....	45
11. BIG DATA CONCEPTS AND ANALYTICS: AN OVERVIEW - S.JOSEPHINE THERESA1, DR. S. BENSON EDWIN RAJ2.....	56
12. SYSTEMATIC STUDENTS PERFORMANCE EVALUATION USING DATA MINING TECHNIQUES – Dr.K.KAVITHA.....	62
13. SECURITY ALGORITHMS IN CLOUD COMPUTING – AN ANALYSIS - MRS. T.LEENA PREMAKUMARI.....	68
14. ANALYSING QUALITY OF SERVICE PARAMETERS IN WIRELESS SENSOR NETWORK- V.MAGESHWARI, M.Sc., M.Phil.....	76
15. NEURAL COMPUTATIONS UNDERLYING DYNAMIC DECISION MAKING - P. NANCY VINCENTINA MARY., MCA., M.PHIL.....	79
16. WEB SERVICE PROTECTION - S.MARY HELAN FELISTA.....	81
17. THRESHOLD ANALYSIS – IMAGE SEGMENTATION- MIDHU BALA.....	81
18. AN OVERVIEW OF E-COMMERCE WITH BIOMETRICAL RECOGNITION – LMITHRA.....	82
19. ROLE OF DIFFERENT PROTOCOLS USED IN CLOUD COMPUTING - MRS.N.MUTHULAKSHMI MCA.....	85

13. SECURITY ALGORITHMS IN CLOUD COMPUTING – AN ANALYSIS - MRS. T.LEENA PREMAKUMARI

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ABSTRACT

Cloud computing is a word which is describe different computing concepts which contains huge number of computers attached through a real-time communication like internet. Cloud computing is also called distributed computing over the network i.e. the ability to execute an application or a program on many computers at the same time. Data storage security refers to the security of data on the storage media. So, Security is an important factor in cloud computing for ensuring clients data is placed on the secure mode in the cloud. Data must not be stolen by the third party so authentication of client becomes a mandatory task. The notable challenges associated with cloud computing, and although some of these may cause a slowdown when delivering more services in the cloud, most also can provide opportunities, if resolved with due care and attention in the planning stages. There are number of existing techniques used to implement security in cloud. In this paper, we discussed number of symmetric and asymmetric algorithms. Our future will be considering some problems related to existing security algorithms and implement a better version of DES, 3DES, AES, RSA, IDES, Blowfish. In this paper, we discuss a number of existing techniques used to provide security in the field of cloud computing on the basis of different parameters.

Keywords: Cloud Computing, Data Storage, Security.

1. Introduction

In computer networking, cloud computing is a word which is describe different computing concepts which contains huge number of computers attached through a real-time communication like internet. Cloud computing is also called distributed computing over the network i.e. the ability to execute an application or a program on many computers at the same time. Cloud services provides software and hardware which from a remote locations which are managed by third party to the individual or businesses. The