A Survey Of Attribute-based Encryption Schemes

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***Abstract*—The abstract goes here.**

***Index Terms*—The keywords goes here[1].**

I. Introduction

Introduction goes here main idea is why our paper is important. should point out the advantage of ABE and should give some research on the survey of ABE

A. Our Contributions

Our Contributions goes here.

B. State-of-the-Art Of ABE

State-of-the-Art of ABE goes here

C. Organization

Organization goes here.

II. Syntax of ABE Schemes

Syntax of ABE Schemes goes here,and don't contain security.

III. Design Philosophy Of Classical ABE Scheme

some introduction goes here

A. KP-ABE

Attribute-Based Encryption for Fine-Grained Access Control of Encrypted Data Vipul Goyal Omkant Pandeyy Amit Sahaiz Brent Waters in Proc of Acmccs- 2006

B. CP-ABE

Ciphertext-Policy Attribute-Based Encryption John Bethencourt Amit Sahai Brent Waters in 2007 IEEE Symposium on Security and Privacy 2007

IV. Access Control In ABE

some introduction

A. Access Structure

some introduction

1) Monotonictity: Monotonictity goes here

2) Expressive Formula: expressive formula goes here

B. Extension

hierarchy ABE introduction goes here

this is thanks

V. Research On The Developed Direction Of ABE

some introduction

A. Function

some introduction

1) Proxy Re-encryption: proxy re-encryption ABE goes here

2) Multi-authority: multi-authority ABE and distributed ABE in here

B. Efficiency

some introduction

1) General Technology: outsource and constant ciphertext in ABE goes here

2) Specific Technology: Some examples of Specific Technology in here

C. Security

some introduction

1) Theoretical security: some introduction and security model goes here

2) Applied security: some introduction and collusion problem,abuse key problem,hidden-policy problem,revocation problem go here

VI. Comparison

comparison among some goes here

VII. Extension

extension goes here. find some interdiscipline topics such as combined with searchable scheme.

VIII. Conclusion

The conclusion goes here.

IX. Future Of ABE

The future goes here.

References

[1] J. Donald and M. Martonosi, "Techniques for multicore thermal management: Classification and new exploration," in *Proc. Int. Symp. on Computer Architecture (ISCA)*, June 2006, pp. 78–88.

aaa Biography text here.

bbb Biography text here.

ccc Biography text here.