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Quick Search Keyword Search for Makeup to Hide, To Create Public Key Ciphers

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ABSTRACT:

Encrypted scalability, without sacrificing the security as soon as possible on the floor to search for hidden structure (specs) with a public-key Ciphertexts search. SPCHS to search in confidential relationships have been held every ciphertexts, and search for a keyword corresponding trapdoor, to lead the search algorithm and the minimum amount of information about the link disclose all mail ciphertexts efficiency To address. SPCHS any ciphertexts plan to build from scratch, such as the hidden structure of stars. A random sample Oracle (RO) to be safe linguistically prove our scheme. Our scheme, the complexity of the search word request, not all are included, the number of ciphertexts that ciphertexts depending on the actual number. Finally, we have to identify an unknown document and publication of the identity-based soft packing event identification key encryption method (IBM) without offering any construction SPCHS year. We in Romania, and the standard model, respectively, linguistically, which is safe and anonymous without incident pliable identity IBKEM, two full cases of example. In the latter case the standard model scalability, security SPCHS enables us to plan.

I.INTRODUCTION:

Encryption System texts and codes with the total number of linear search among key public safe and to take the time to search. This achievement makes the database more widely. Scheme secure linguistically existing linear search all the verses of the total number of blades, takes time PEKS. The local privacy text and maintains the relationship between the blade and the new birth only because writing is a secret structure hidden references. Specifically, the vector space model and the Israeli army, a combination of the IMF model was used extensively in construction index and query generation. Search encrypted scalability, without sacrificing security as soon as possible on the floor to search hidden structure (SPCHS) with public key encryption text. SPCHS, hidden text to decipher it in relation to search every word has been organized, and a keyword search for corresponding with trapdoor, to lead the search algorithm and the minimum amount of information about the link disclose all Mail-writing the text to find efficiency. The proposed structured data is encrypted, and safe way to search this data. Camara encrypted data and to support dynamic updates. Suggested symmetric encryption for search and other big cost-mail is very important for strengthening security. Anyone with the recipient's public key to a server can be downloaded keyword search ciphertexts, he knows that this advantage. And AdvSS-CKSA SPCHS from the above example with the game won SSCKSA SPCHS; A. Oracle QTrap QT feature that makes the most requested one, (). We have a balanced binary tree, where the index on the floor, and "greed-depth first search" linear search algorithms are proposed to achieve better efficiency.

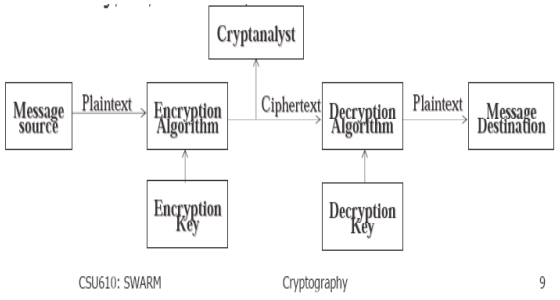

FIG: EXISTING ALGORITHM

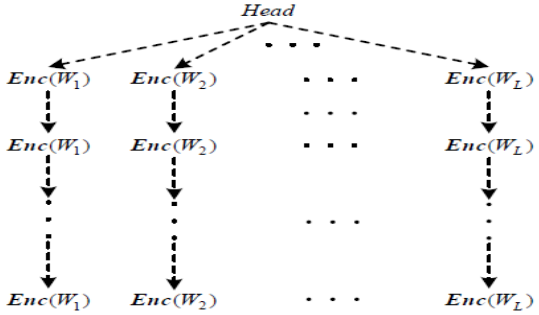

FIG: System Architecture

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II.RELATED WORK:

Search encrypted data has been widely investigated in recent years. View encryption, and two categories, namely symmetric encryption research [14] and the encryption function of the current decline in search of a public key. This phrase (seks) with a symmetric encryption key to search in some cases as mentioned symmetric encryption. This introductory words and presented by others. [15]. Plot with the size of the database shows an example in linear time. There are a number of efforts [16], [17] in the original work of research and fine-tuning other words followed this line. Other Curtmola seks scheduling scheme. [14] against an enemy linguistically compatible has been proven to be safe. This research ulata in time for processing permits, but the database along with the size of the linear search trapdoor floor. in addition toAbove-mentioned efforts of dedicated security or someone explained to better detection performance, most recently following the acquisition of various seks scheme has been paying attention to. To send a multi-view [14] seks extension works. A mysterious seks setting out to work in the keyword search. Seks work shows practical applications for search and secure and audit logs to get works. Chase and more. [Data Search data safe and structured manner to propose encrypted. Camara encrypted data and to support dynamic updates. Suggested symmetric encryption for search and other big cost-mail is very important for strengthening security. Very close to the work of the cash has been scheduled. At the same time achieving a strong security and high efficiency.PEKS, Abdullah and another after the seminal work. So fill some gaps wrt PEKS for consistency and dealing with the transition between related PEKS locking. PEKS potential to make some effort has been expelled. This type of heterogeneous detection of gender equality rights ciphertexts-scale test of a group in the time of discovery research and related research, including the search for the mysterious words. Moreover, Arriaga and more. PEKS trapdoors keyword search to maintain the privacy of the proposed scheme.

Definition 1 (SPCHS).

Five algorithms including SPECS: System Setup (1K, X): Input security parameters 1K and west of floor space, and a public key and a pair of potential output as master Take secret (PK, SK) space and Space C. Structure Initialization (PK) encrypted W PK Includes floor ,: entry point that PK Get, and potential private and public (Institutional Revolutionary Party, Pub) output of the shares by creating a secret structure. Structured Encryption (PK, W, piaraai): PK, the Institutional Revolutionary Party, a word search in part 2 and the hidden structure, investment structure and a secret floor of the west with the encrypted C To search for a word on the possible direction of, and the Institutional Revolutionary Party as the modernization. Trapdoor (SK, W) :, public part bar hidden structure of P. Take as an investment, the ciphertexts C: a trapdoor floor W. StructuredSearch (PK, pub, C, TW) TW to search for SK W and 2 W Word, Get in the form of investment and output of research and west trapdoor floor to look TW -alkelmh, partial relationships with hidden structure which includes W ciphertexts reveal direct knowledge. So any given search trapdoor floor portion TW and public bar, StructuredSearch any hidden structure of the algorithm (PK, pub, C, TW) with a subtle bar structure to the floor W means that detects all ciphertexts , SPCHS scheme should be fixed. SPCHS scalability, security attacks (aisaaisa CKSA) of the floor structure of the resistance and compatibility option. This concept of security (selected word alignment and optimization of structure members, and questions to choose ciphertexts private structure on probabilistic polynomial time (PPT) “to see the structure of the public portion Discount, trapdoors’ On the question of compatibility selected, allowing for querying discounted want to be challenged, that includes key words and structure). These two challenging couple of words, the structure will be a choice of opponent. aisaaisa CKSA Added security challenge added to the makeup of the two encrypted challenge an opponent floor offers or can not determine which means that challenge Structure Challenge Ciphertext enemy ‘trapdoors and the structure of the private part of the challenge Find a pair that does not know, the challenge is associated with.

Definition 2 (SS-CKSA Security).

N 2 N structures are hidden, let us assume that. AdvSS-CKSA SPCHS only has a feature to remember that any PPT Discount SPCHS scheme, SSC KSA is safe; Aisaaisa a game to win under KSA: Preparation Phase: a public key and a secret algorithm to generate a pair of master goes SystemSetup SPCHS scheme to prepare an anti-(. Sometimes a request issued compatibility :;

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PK, SK), and N Structure Initialization N times (PSET the hidden structure N) of the public part of every hidden by executing the algorithm with which the creation of structures to finally stage a thousand questions than 1 drink veritable. And sends PSET. Trapdoor query QTrap (W): 2 W, W Privacy floor QPri query (bar) Anti detection output trapdoor floor W input: Input of the structure as part of the corresponding part of the opposition directed by the public bar of 2 PSET Secret makeup. Query Encryption QEnc (W; Pub): taking investmentFloor W 2 W secretly share structure and public bar, anti Ciphertext to the floor with a subtle bar structure W output SPCHS.

III.CONCLUSION AND FUTURE WORK:

This paper usage, security as well as possible in PEKS Find investigated as quickly. We as PEKS SPCHS concept as proposed. New concept ciphertexts keyword search with hidden structure allows you to be prepared. Trapdoor search words, SPCHS search query algorithm ciphertexts knowledge of the structure of the leadership is able to reveal this secret part. Scalability, security, privacy SPCHS absorption secret and confidential structure. SPCHS Utility Model RO In the proposed plan to start with security. Scheme ciphertexts with stars such as hidden structure generates keyword search. He mainly includes the question of the exact number of ciphertexts that a linear search complexity.

It searches every ciphertexts complexity that is linear with the number of security implications, with current plans outperforms PEKS. We, in some cases IBM compatible, and a construction SPSS year to formalize these qualities make any collision full independence and identify many interesting features identified. We Romania respectively and standard models that are protected in the event, pliable without full identification IBKEM have seen two cases. SPCHS to search in public key encryption to solve some difficult problems is a promising tool. To our knowledge, PEKS can be completed in the current scheme has not been achieved, which certifies an application to get the achievement. Specifically, such a secret that by forming a circular structure, the index secret past is always refers to the head, and PEKS ciphertexts indicator of coming back to form a loop that ciphertexts recovered by selecting the check completed allowed and one can get.

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