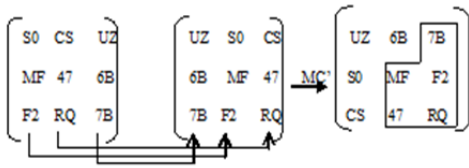


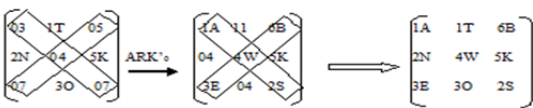
STEP 10: In R-1 later than ARK'1 applied, do mixing-column, same way of inverse step - 4.



STEP 11: In that case, later than ARK'1 applied, do shift rows, alike inverse step - 3, then utilize the S-box' table for substitution.



STEP 12: At last using ARK'0 = 1A043E114W046B062S to cipher text like inverse step - 2.



STEP 13: At the moment, carryout the compression techniques of "HUFFMAN ENCODING", such as Decompression, can obtain the original text.

5. CONCLUSION AND FUTURE SCOPE

Encryption techniques are often used to protect the multimedia content from the unauthorized users. In this paper, simplified encryption techniques are applied on when data compression is fulfilled to the reduced file size. The developments of combine the both processes is very speed and more secure through the open network. AddRoundKeys are derived from the cipher-key using temporary words. These approaches of key scheduling are

more protected to the data on transmission time. Even SES key length is maximum 128 bits, and no.of rounds are 3, Key expansion is simplification from the SES algorithm.

Here experimentally compression along with encryption techniques manual calculations is presented. We conclude that the time, cost and bandwidth consumption for selective SEEncryption on compressed Data is less than DES encryption techniques. So, the selective encryption technique is better than DES encryption techniques as it takes less time with that is inaudible to the unauthorized users. In future, the security of the method can be use to multimedia data like images or audio or video to the system.

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