

Output of so (0111) = 00 (V) output of S, (1110) = 00 (V) April Py : 0000 0000 1101 XOR) 1101 After 2 Round => 11001101 Vill L= 1100 R= 1101 E/p(R)= 11101011 Vix) × 0 1 11/0001/001/10 ) 29 20 20 2010 (x) 0 11 01 100 x02) 10000111  $S_{0}(1000) = 00$   $\frac{1}{2}$ (0) The state of the contract of t (xii) After Py: 0 10110 (X 111) 0 110 1100 600111011100 (xx) Text After Round 2 2 1 0 10 11 0 1 181 (10101101) 7 011/0011 : ciprer feet > 01110011/ A CONTRACTOR OF THE CONTRACTOR

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(B)
    flain tout 1 0 1 00 11 000 1
    Key 7 111111111111
  Key Generation of
               Tell (1011),7
  After Prod 11111111111
    (1) 11111, RE 11111
+ left shift (LI)
    ( ) [ ] [ ] [ R = [ ] [ ] [
               01000001
7
  P$ (111111111) a 1111 11 11 11 11 11
        4=1111111)
of left shift (2)
     (= 11110, R= 111011) (1110)
                00 = (1011)
Encyption
 Plain fext: 01001100
 IP(01001100) = 11000010
  L= 1100, R= 0010
  E (P(R) = 00010100
                   Hood local H
       60010100
     @ 111111 (K)
       1110 1011
```

So (1110) = 11 ] 1101 SI (1011) = 01 ] 1101 Py (1101) = 1101 1101 8 1100= 0001 After Round 7 00100001 7 L = 00 10, R= 0001 EIPCR) = 10000010 ALLE A STATE OF THE PERSON OF 10000010 01111101111110 50 (0111) = 60 7 0000 Sr (1101) = 08 11 11 11 11 (1111 11111) Py (0000) = 0000 0000 @ 0010 i on 1100 to being 01000011 - (00110010) Round 2 7 00 10 000/ 291 (00100001) 7 001 00010 : Cipher fext ) 00100010 stret will.

Page No. Date: / /20 (c) Plain text 0000 0000 Key 1 000000000 Pro = 0000000000 L = 60000 , R= 06000 left shift (1) -) 00000 (R) 2) 60000 

Left shift(2) a L = 60060 R2 06660

Key Generation

P8: 00000000 (K2 = 66060000)

4 = 60000000)

Encyption;

Plain tent = 00000000 28 = 00000000 L= 6000, R=0000 EIP(R) = 00000000

161-60000 915-1

606600000 \$ 66000000 (K) 00060000

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(0) Plain dent 3) 1111111
  Key y
Key hard
      P102 1111111111
      ( = 11111 , R= 1111)
    Suff = [1111], R=11111
    P_8 = 11111111
= (K_1 = 11111111)
  Shift 2 2
      La 11111, K= 1111
      (K2 = 11111111)
  Encryption
      plaintext 7 11111111
   JP > 1111 1111
 - L7 1111, R= 1111
  FIP(R)= 1111 1111
   11111111 @ 11111111 7 00000000
 - 50 (0008) = 01 2 0100

S1 (0000) = 00 5
  14 = 1000
   1000 $ 1111 $ 0111
  After Round 12 11110111
   1= 1111, R= 0111
  EIP(R)= 10 111110
   10 11/110 @ 11/1/11/ $ 0100000/
  5. (6468) = 11
  Sr (0601) = 10
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