





JANUARY 2018
M T W T F S S WK 50 • 348-017
2 7 8 9 10 11 12 13
1 14 15 16 17 18 19 20
9 21 22 23 24 25 26 27 28 29 30 31
Block cipher FRI
ADES algo (Data Enery Stand) DEC
- total 16 rounde monden - aple And
- text size = 64 bit /plain/cipher both
10 - keu sises 48 hits
8- hite ranged for parity (8th post)
"(Left with) & - bit for rearrangement
- in each rounds (4) steps
which pividing bits @ parts - 32-32
2. Bit shutfling
3. Non linear substitution
4. Exclusive or operations
- left Circular Shift -
for round () () 16 -> skipt () bit
other shift - 2 bit
1 The spine - with - Cob bam I so shi
WHEN STONE LAND LAND STONE
- A 4000 a 1910/4 1910/4
Para Sah altop
N 65m 302 -2 45 Hay 195/1431.
The second secon
28 seems = a born to -114 yours
The whole world steps aside for the man who knows where he is going.

2018	DECEMBER		
WK 50 • 347-018	MTWTFSS		
40	31 1 2		
13	10 11 12 13 14 15		
states like	17 18 19 20 21 22 23 24 25 26 27 28 29 30		
THU	Id M Hid & or Anhora 1220ME		
DEC	Block apher and may		
* AES a	190 (Adv. Encry, Stagra):- (10 Rd		
- It has	input array, state array & bey arm		
11) Input array (4x4) 16 cells = 8 biticach			
Total = 16 x 8 = 128 bits = 4 words			
1 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	text is represent in this		
1.47,6,000	01-201-203-87313		
(2) tate a	rogy -> to store intermediate state		
tote	rmediate stages (4X4)		
Flight year	bedrondo in bridge (3)		
	problems.		
(s) key ar			
	eppended into GG ward		
3 each	round -> 4 words		
	= 10 rounds x 4 words		
4	= 40+4 (Fort add- Round be		
(1) 600 mov 000 = 049 19 10 00 000 000 000 000 000 000 000 0			
5 COLUM	INS PEPPRESENT & WORD		
00000	2. 3. 5. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4.		
6 (1) 1249 7	for round >> 128 bit plan text		
Round = 1			
	a Palasinos		
disubstitute Bytesold els shirids			
2. Shift Rows			
3. min Dothe hard jobs first. The easy jobs will take care of themselves.			
& Add round Kent XOP			

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2 7 8 9 10 11 12 13 0 14 15 16 17 18 19 20	17		
9 21 22 23 24 25 26 27 28 29 30 31			
PMD5:- produce 128 bits MD.	WED		
= working: - adail stock	DEC		
Dpadding: - such that	279		
total length is 64 bit less than			
exact multiple of 512.			
msg = 1000 bits + padoling			
1 21000 + 472			
512×3-64=1472-100			
which > 5 m s g 21472	0 2010 1 3 3 7 2 X		
(2) appending: - Append original length before			
2) appending - Append onymon (english)			
padding- calculate length % 6	0 1564		
calculate sengen pos			
· opper	7,00		
(3) pindigg - each 5/2 bits			
msg	A		
Wirthalizing! - (4 chaining 32 by	vorvables)		
(A) 1 B, C(D) -> predeti			
B) processing: 512 bit is	o locker.		
chaining voriables in cornesp.			
1, copy chaining voriables in corresp. A=q B=b, C=C, D=d variables			
2. privide 3/2 block into 16-32 bit block			
2 CUIS DOCKS			
Vision gives you the impulse to make the picture your own.			
Sunolkent XOP	il the adel to		

