

# Password Encryption

## ANSI X9.8 Format

- PIN BLOCK PIN
- PIN Personal Identity Number 8 byte;

Byte 1 PIN

Byte 2 - Byte 3/4/5/6/7 4--12 PIN(PIN 4 BIT)

Byte 4/5/6/7/8 - Byte 8 FILLER "F" ("F" 4 BIT)

- PAN Primary Account Number 8 byte

Byte 1 — Byte 2 0x00 0x00

Byte 3 — Byte 8 12

12 12 12 "0X00"

- P 123456
- P 123456789012345678
- 678901234567 8 12
- 0x00 0x00 0x67 0x89 0x01 0x23 0x45 0x67
- PIN BLOCK PIN PAN

0x06 0x12 0x34 0x56 0xFF 0xFF 0xFF 0xFF

0x00 0x00 0x67 0x89 0x01 0x23 0x45 0x67

0x06 0x12 0x53 0xDF 0xFE 0xDC 0xBA 0x98

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