### ethernet frame / dot11 frame

ethernet frame (802.3 frame) / dot11 frame (802.11 frame)

### 802.3 frame

• Destination address, Source address

```
> Frame 42: 317 bytes on wire (2536 bits), 317 bytes captured (2536 bits) on interface 0

Very Ethernet II, Src: Cimsys_33:44:55 (00:11:22:33:44:55), Dst: Powercom_3c:7a:00 (00:05:9a:3c:7a:00)

Destination: Powercom_3c:7a:00 (00:05:9a:3c:7a:00)

Source: Cimsys_33:44:55 (00:11:22:33:44:55)

Type: IPv4 (0x0800)
```

#### 802.11 frame

- MAC 주소 지정이 ethernet frame 보다 복잡하다.
- MAC 헤더에 네개의 주소 필드가 존재한다.

# authentication

Type: 0x000b (1011)

Receiver add

Detination add

Transmitter add

Source add

**BSSId** 

- authentication algorithm (0x0000)
- authentication SEQ (0x0002)
- status code (0x0000)

# association

Type: 0x0001 (0001)

Receiver add

Detination add

Transmitter add

Source add

BSSId

## Fixed parameters (6 byte)

- capabilities information (0x0431)
- status code (0x0000)
- (0xc001)