

Ethernet II (DIX)

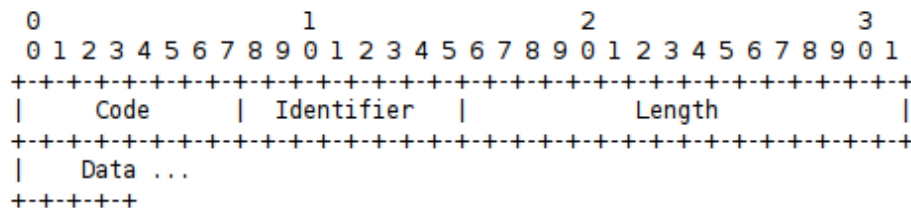
Destination MAC Address (6 bytes)	Source MAC Address (6 bytes)	Frame type (IP, ARP) (2 bytes)	Data (46 to 1500 bytes)	CRC Checksum (4 bytes)
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Ethernet Frame Type

0x8870	Jumbo Frames
0x887B	HomePlug 1.0 MME
0x888E	EAP over LAN (IEEE 802.1X)
0x8892	PROFINET Protocol
0x889A	HyperSCSI (SCSI over Ethernet)

4. EAP Packet Format

A summary of the EAP packet format is shown below. The fields are transmitted from left to right.



Code

The Code field is one octet and identifies the Type of EAP packet. EAP Codes are assigned as follows:

- 1 Request
- 2 Response
- 3 Success
- 4 Failure

Identifier

The Identifier field is one octet and aids in matching Responses with Requests.

Length

The Length field is two octets and indicates the length, in octets, of the EAP packet including the Code, Identifier, Length, and Data fields. Octets outside the range of the Length field should be treated as Data Link Layer padding and MUST be ignored upon reception. A message with the Length field set to a value larger than the number of received octets MUST be silently discarded.

Data

The Data field is zero or more octets. The format of the Data field is determined by the Code field.