PPP Extensible Authentication Protocol (EAP)

ftp://merit.edu/ppp/eap-draft.txt

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response from the peer. There may be one or more or these "request-response" exchanges.

- each request and response packet contains a type field to indicate the type of request/response. Examples of these types include "identity", "password", "MD5-challenge", etc. New types may be added as new mechanisms are defined.

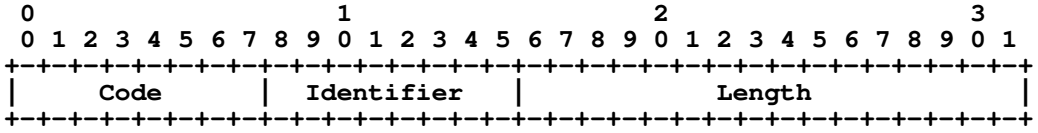
- the authenticator terminates the authentication phase with a success or failure packet.

Notification request allows the authenticator to reliably deliver a message to the peer (since the success/failure packets are un-acknowledged). Th Nak type is used in Reponses from the peer to indicate an unacceptable authentication mechanism The peer provides the desired mechanism type code the Reponse.

The remaining types are specific authentication requests with 240-255 being reserved for vendor specific uses.

The code field may be 1 for Request; or 2 for Response. The Identifier field is used to match Responses with Requests. The type field is one octet and indicates the type of Request or Response.

A summary of the Success and Failure packets is shown below.



The code field may be 3 for Success; or 4 for Failure. The Identifier field is used to match replies. The length is always 4