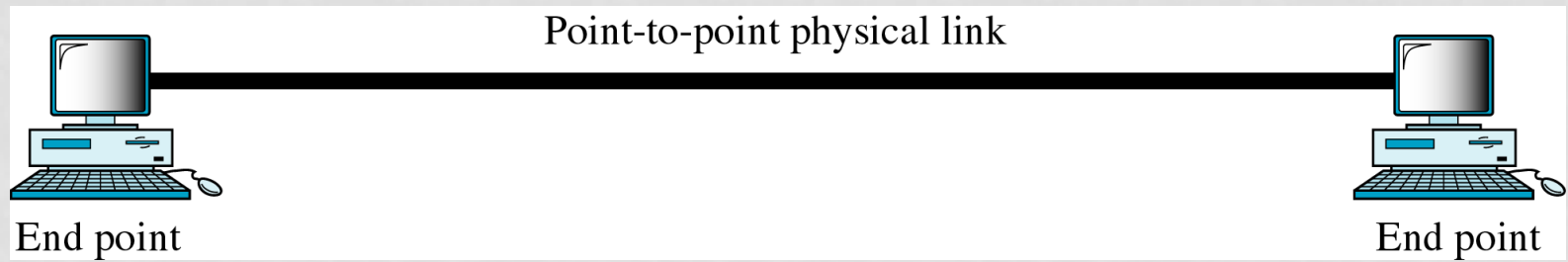
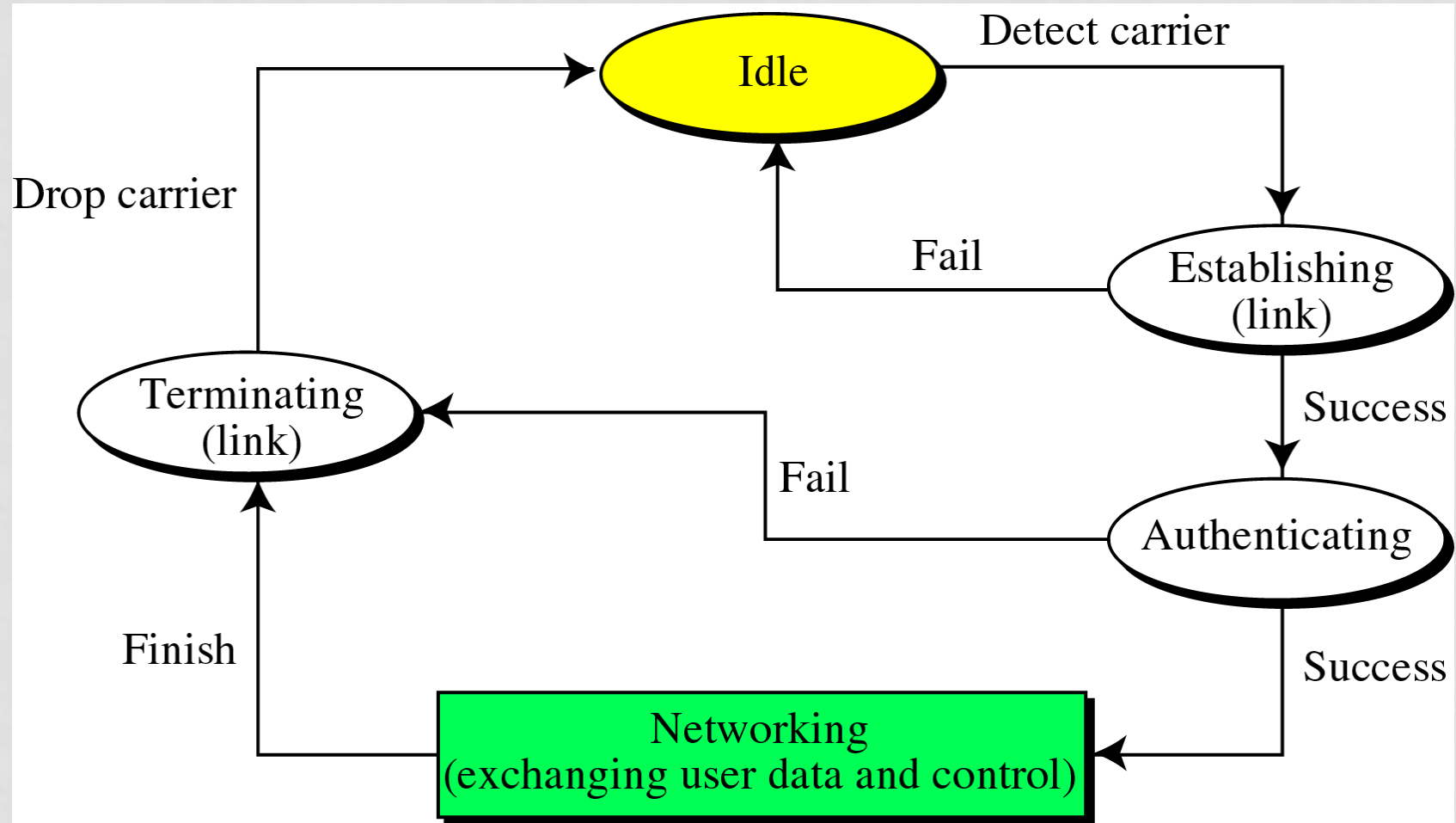


# *Point-to-Point Protocol*

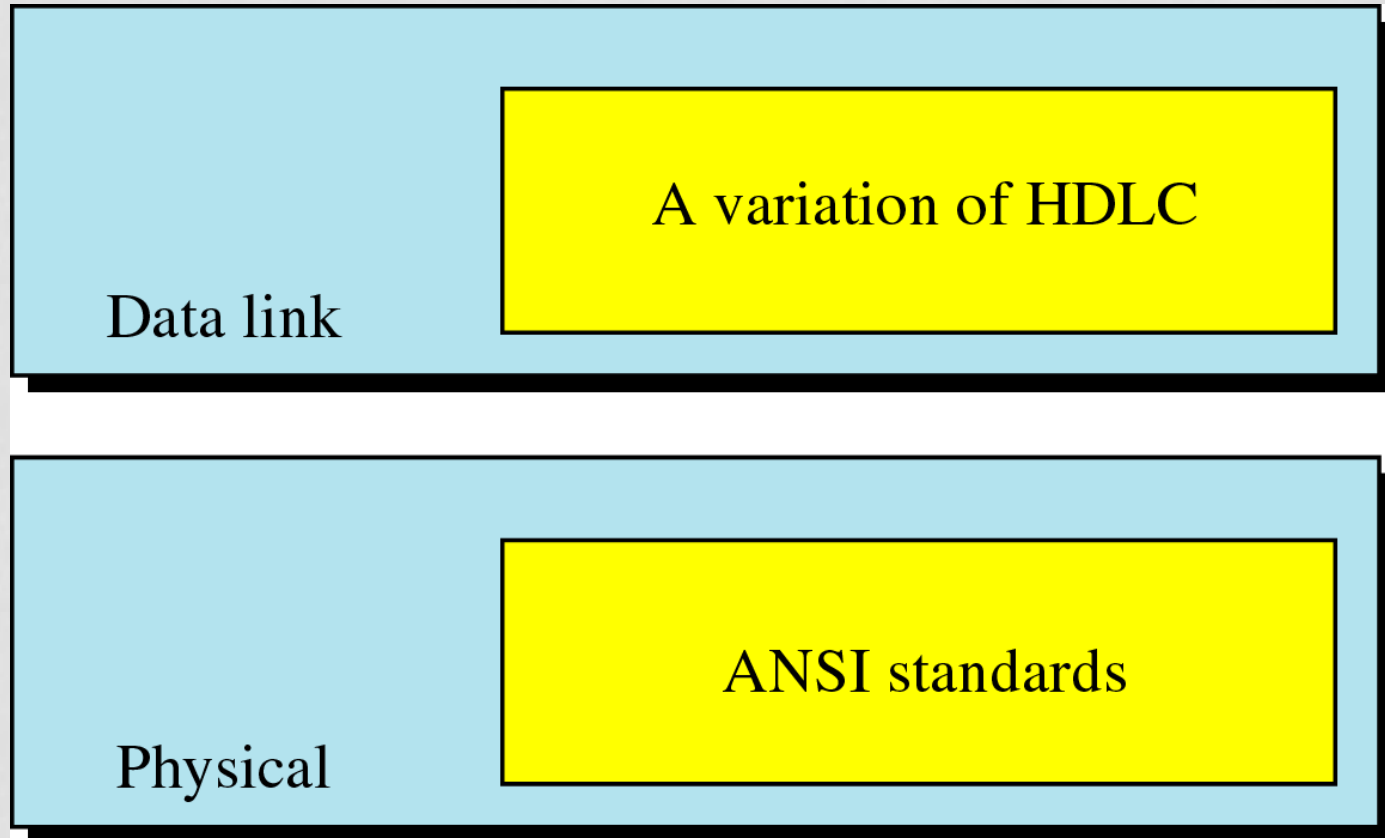
# Point-to-Point Link



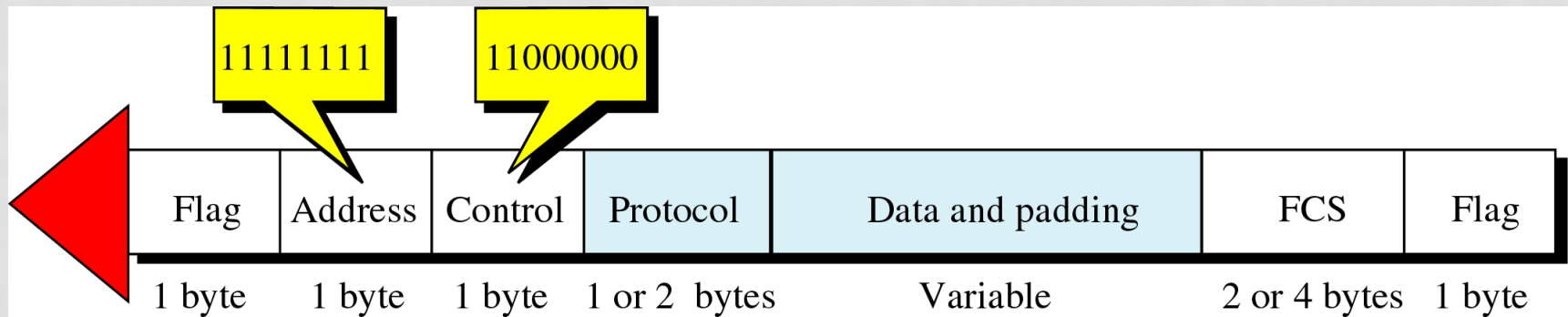
# Transition States



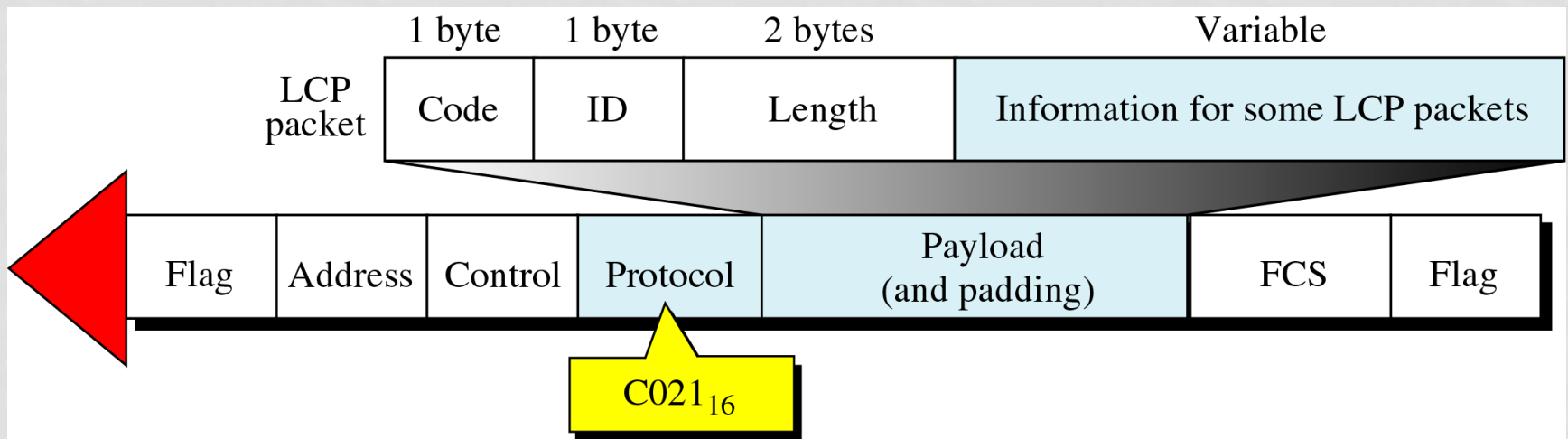
# PPP Layers



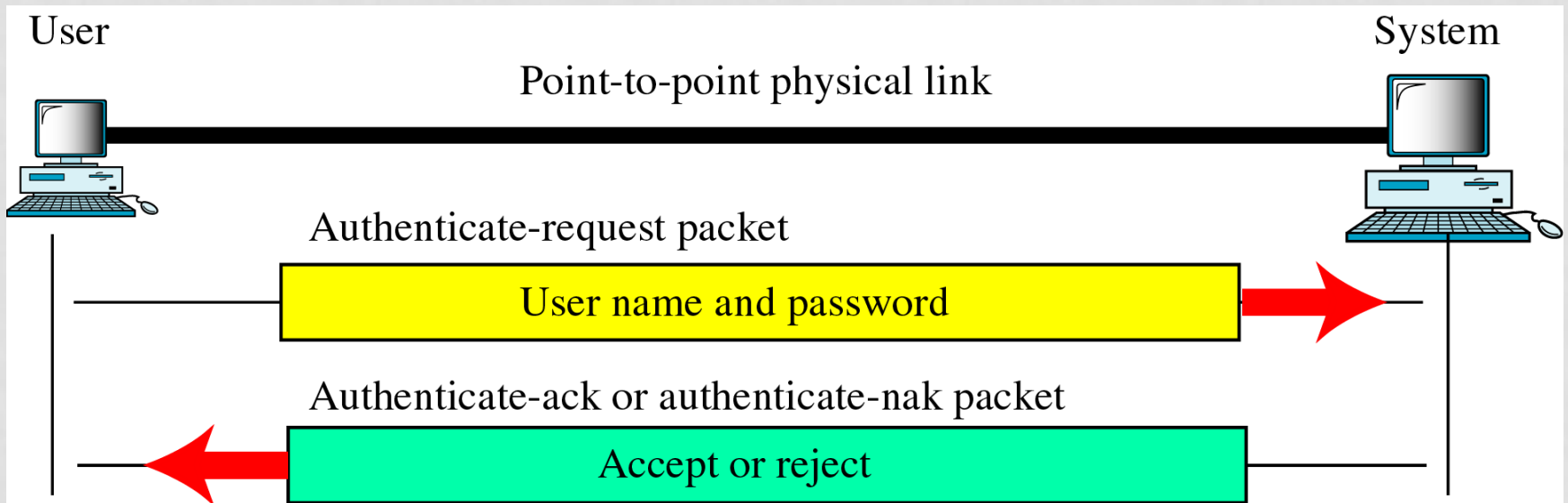
# PPP Frames



# LCP Packet Encapsulated in a Frame



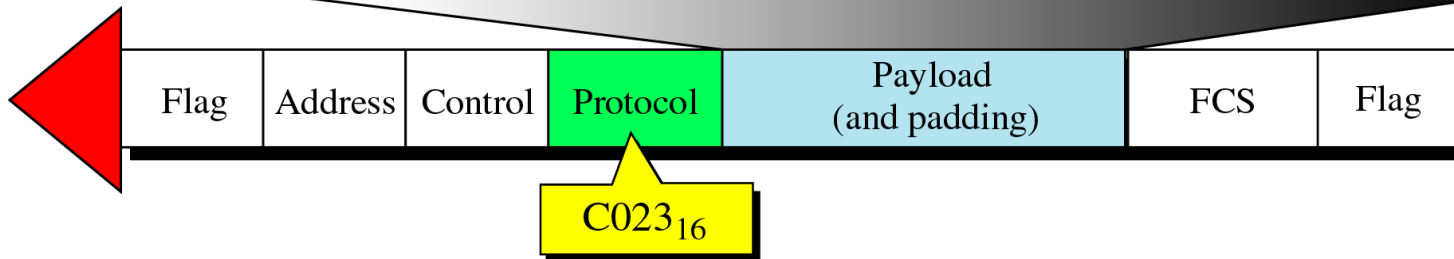
# PAP



# PAP Packets

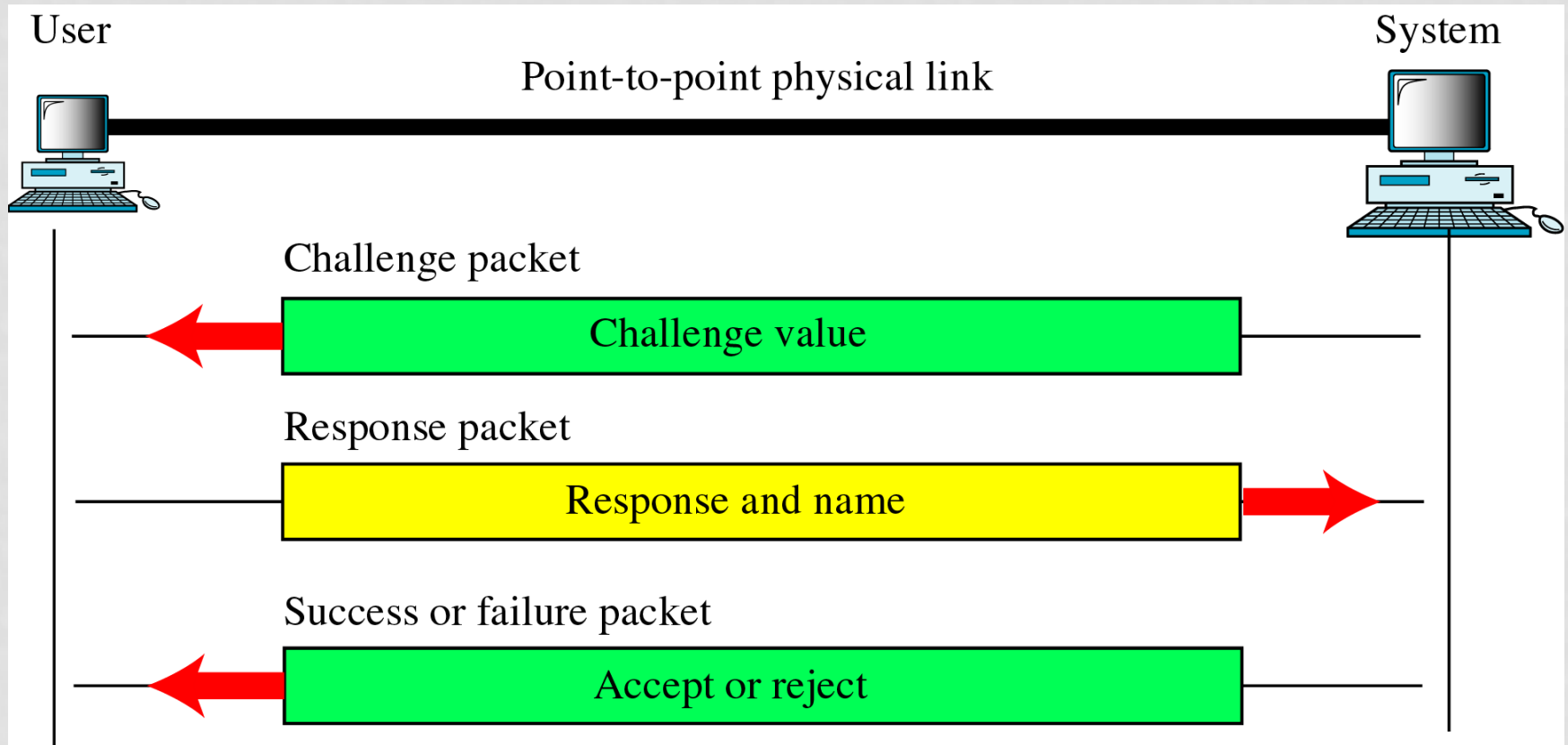
PAP Packets

	1 byte	1 byte	2 bytes	1 byte	Variable	1 byte	Variable
Authenticate-request	Code = 1	ID	Length	User name length	User name	Password length	Password
Authenticate-ack	1 byte	1 byte	2 bytes	1 byte	Variable		
	Code = 2	ID	Length	Message length	User name		
Authenticate-nak	1 byte	1 byte	2 bytes	1 byte	Variable		
	Code = 3	ID	Length	Message length	User Name		



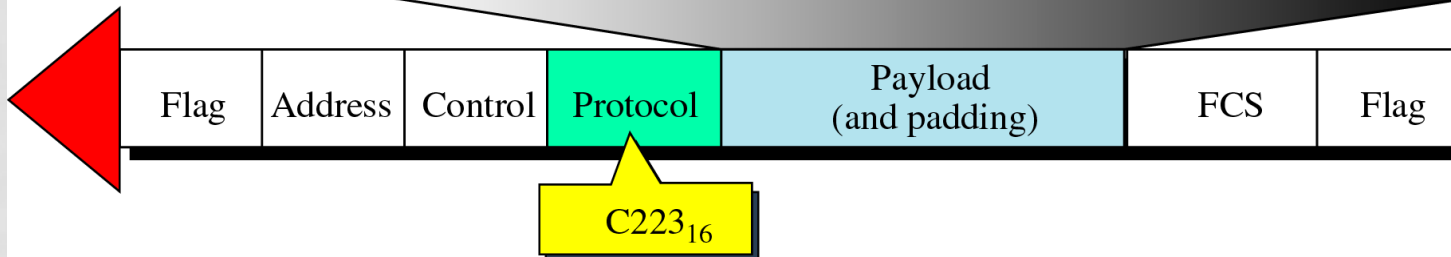


# CHAP

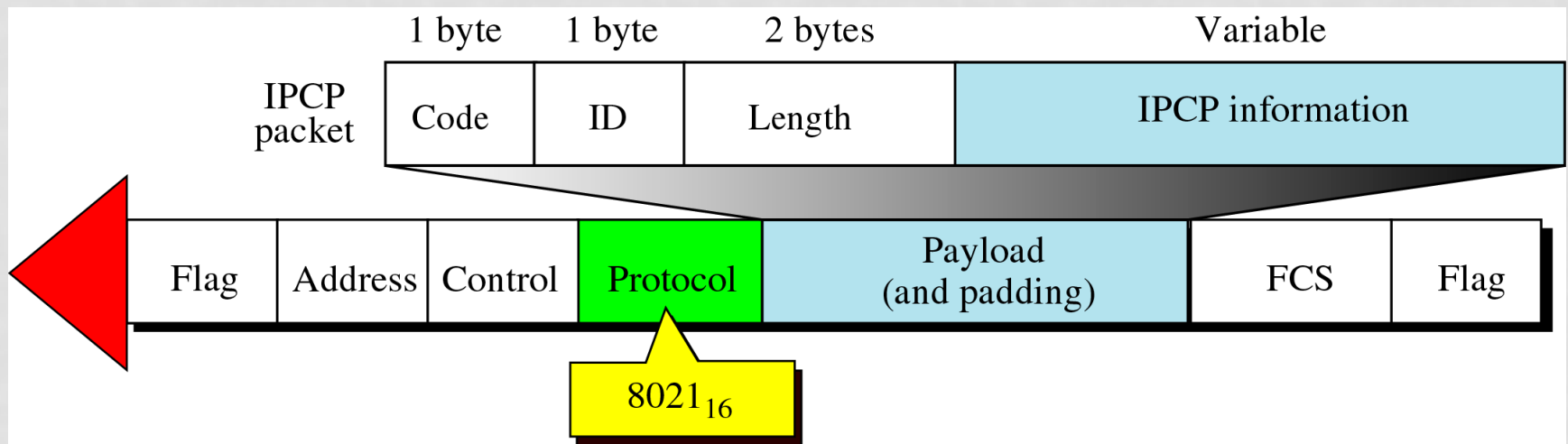


# CHAP Packets

Challenge	1 byte	1 byte	2 bytes	1 byte	Variable	Variable
	Code = 1	ID	Length	Challenge length	Challenge value	Name
Response	1 byte	1 byte	2 bytes	1 byte	Variable	Variable
	Code = 2	ID	Length	Response length	Response value	Name
Success	1 byte	1 byte	2 bytes	Variable		
	Code = 3	ID	Length	Message		
Failure	1 byte	1 byte	2 bytes	Variable		
	Code = 4	ID	Length	Message		



# IPCP Packet Encapsulated in PPP Frame



# An Example

