Pseudo code--------

Openflow
Msgmatch = packet
Timeout if past 30

Find tcp packet
Find arp packet
Find icmp packet

If there is an arp packet
        Flood (etc)
        Send message

Elseif there is icmp packet
    Identify src and dst ip
        If correct src and dest ip address (there will be many of these lines)
                Send packet
        If incorrect src dst ip address
                Return

        If there is a tcp packet
                Flood
        Send message
Else
        return