

Figure 8.16 ♦ Protocol *ap2.0* and a failure scenario

8.4.3 Authentication Protocol *ap3.0*

One classic approach to authentication is to use a secret password. The password is a shared secret between the authenticator and the person being authenticated. Gmail, Facebook, telnet, FTP, and many other services use password authentication. In protocol *ap3.0*, Alice thus sends her secret password to Bob, as shown in Figure 8.17.

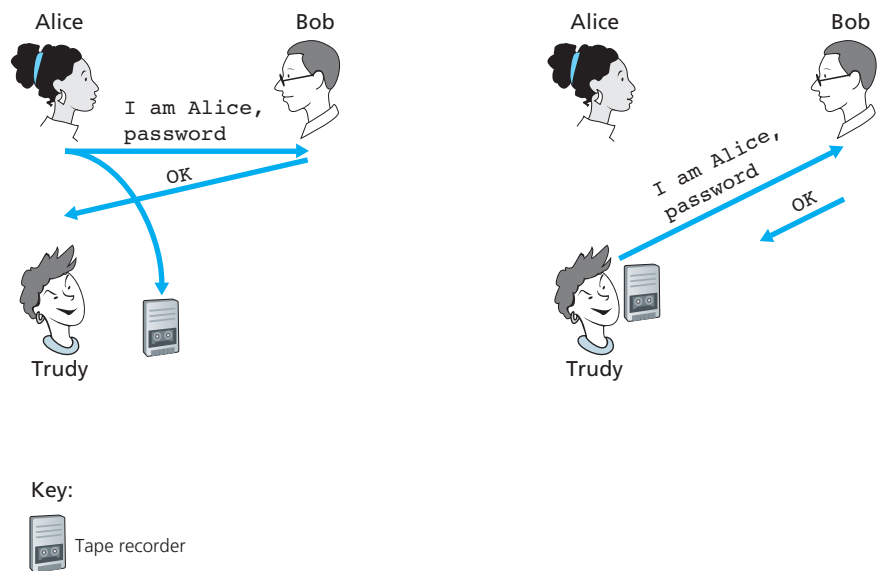


Figure 8.17 ♦ Protocol *ap3.0* and a failure scenario