Lecture 16: Digital Rights Management

Date: November 6, 2013

2. Digital rights management (DRM) goals
3. Access control models
   a. Discretionary access control
   b. Mandatory access control
   c. Originator-controlled access control (ORCON)
4. Problems
   a. Why ORCON is hard
   b. Process-based access control lists
5. How it is done now
   a. Copy protecting DVDs: DVD Content Control System
   b. Copy-protecting CDs: Sony-BMG rootkit
6. Legal issues
   a. Digital Millenium Copyright Act (DMCA)
   b. End user license agreements (EULA)
   c. Piracy and its prevention
   d. Other legal processes