

Lecture 16: Digital Rights Management

Date: November 6, 2013

Homework Due: Nov. 20 at 5:00pm

1. Midterm: still grading ...
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 Millennium Copyright Act (DMCA)
 - b. End user license agreements (EULA)
 - c. Piracy and its prevention
 - d. Other legal processes