

Lecture 18: Malcode Countermeasures



CS588: Security and Privacy
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Computer Science

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Menu

- Reference Monitors
- Java Security
- Proof-Carrying Code (time permitting)

- Monday: Firewalls, Intrusion Detection

Movie – make sure I stop by 3:00!

Malcode Defenses

- Constrain program behavior
 - Reference Monitors
 - In-line Reference Monitors
- Prevent possibly harmful code from running
 - Safe Languages
 - Proof-Carrying Code