CS 334

lecture

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Security & PL

- Prevent “Bad” Things from happening.

2. Integrity: no way to corrupt.
3. Availability: no denial of service.
0) Least Privilege - Give each component the minimum access needed to accomplish its task.

- `root`
- `cd /; rm -rf *`
- `sendmail`

1) Minimum TCB. A part of system that must be correct to ensure security of system.
Thompson 84

Morris Worm 88
Code Signing

- Crypto is used to establish who signed code.

Signed \Rightarrow \text{Good}.