

Definition (intro) of a virtual machine monitor

- What is it?
- What is good and bad about this definition?

Discussion of whether it is "possible" to construct a VMM (pg 37, bottom left, and later):

- What do they mean by this?
- Is this a good/correct way to look at it?

Reasons given for using VMMs in paper:

- What are they?
- What is missing from this list?

Overheads

- Channel program translation overhead: what do they mean by this?  
(could similar issues arise in modern systems?)
- What issues w.r.t. overhead are similar/different than Disco?

"Slightly extended" (or "impure") VMM (pg 39)

- What is this?
- How/when could/does Disco benefit from this?

OS optimizations/policies gone wrong on VMM (pg 40, bottom left):

- Examples of these that you can think of?

Practice: VMMs said to improve many things in practice

- In installation management: how?
- In retrofitting of an old OS: how?
- In debugging: how?

VMMs said to improve reliability

- How?
- What are key assumptions here?