

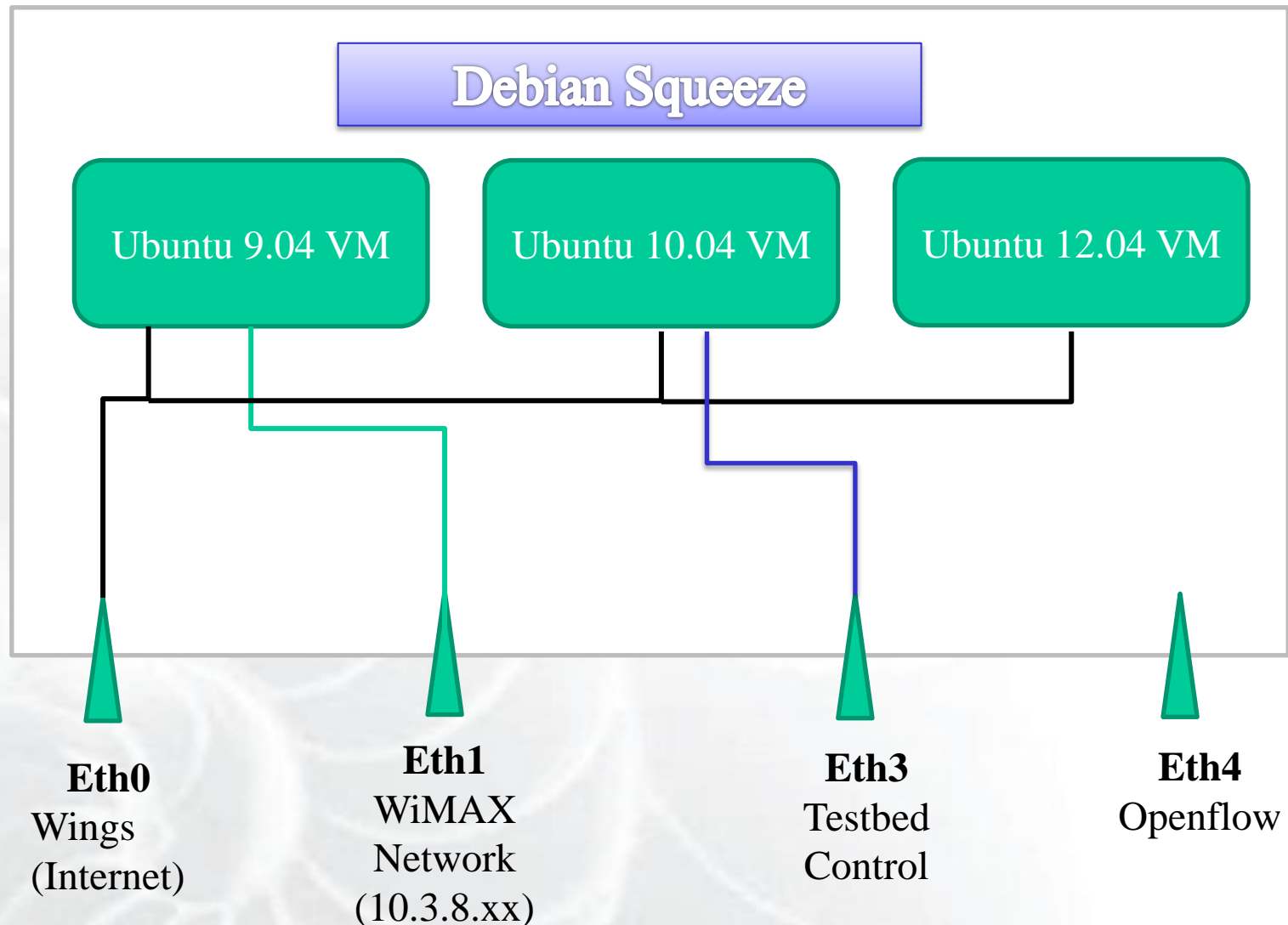
# WiMAX Virtual Machine Configuration at the University of Wisconsin-Madison

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# Networking Setup





# Software Setup

- Ubuntu 9.04 VM
  - ASN-GW
  - Omf 5.2 Aggregate Manager Services
    - Wimaxrf
- Ubuntu 12.04 VM
  - Apache
- Ubuntu 10.04 LTS
  - Omf 5.3 Aggregate Manager Services
    - Frisbee
    - Inventory
    - Pxe
    - Result
    - Saveimage
  - Omf 5.2 Aggregate Manager
    - Login
  - Omf resource controller
  - Omf experimental controller
  - Oml server
  - Openfire (XMPP)
  - OpenLDAP

# Is it better?

## Advantages

- Less power
- Less hardware
- Can restart VMs remotely without ipmi console

## Disadvantages

- Extra layer of complexity
  - Debugging network problems (Virtualbox problems?)