

# Network Topology Detection

5G/IIoT Project  
with  **Fraunhofer**  
FOKUS

# Project Plan

1. Building a Network
2. Detecting the Topology
3. Packaging the Topology
4. Displaying the Topology
5. Editing the Topology



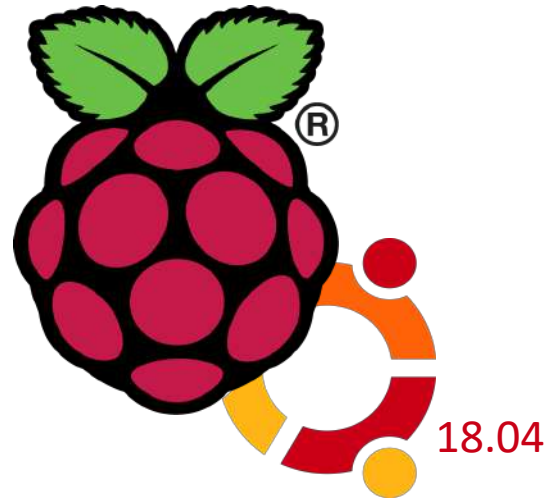


# Project Plan

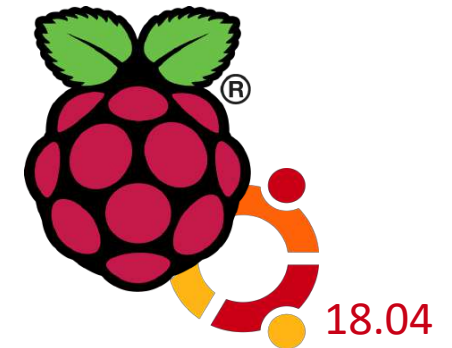
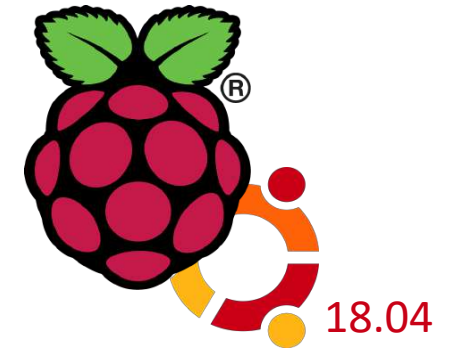
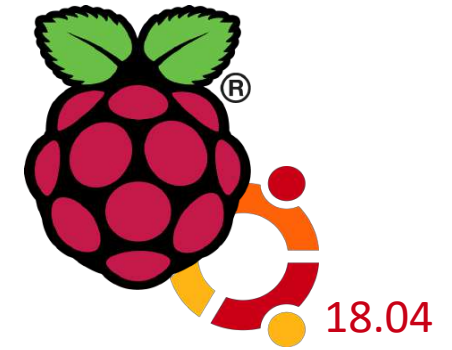
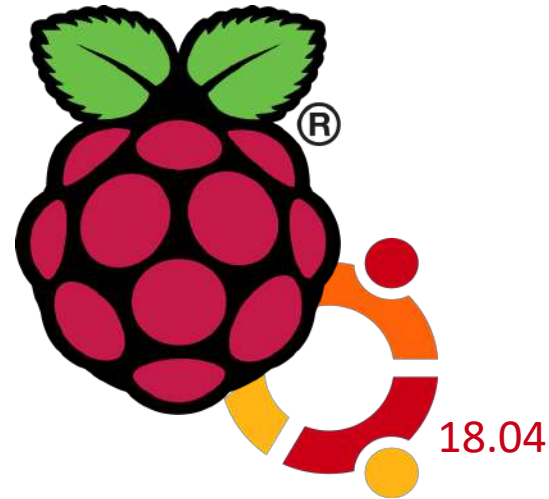
## 1. Building a Network



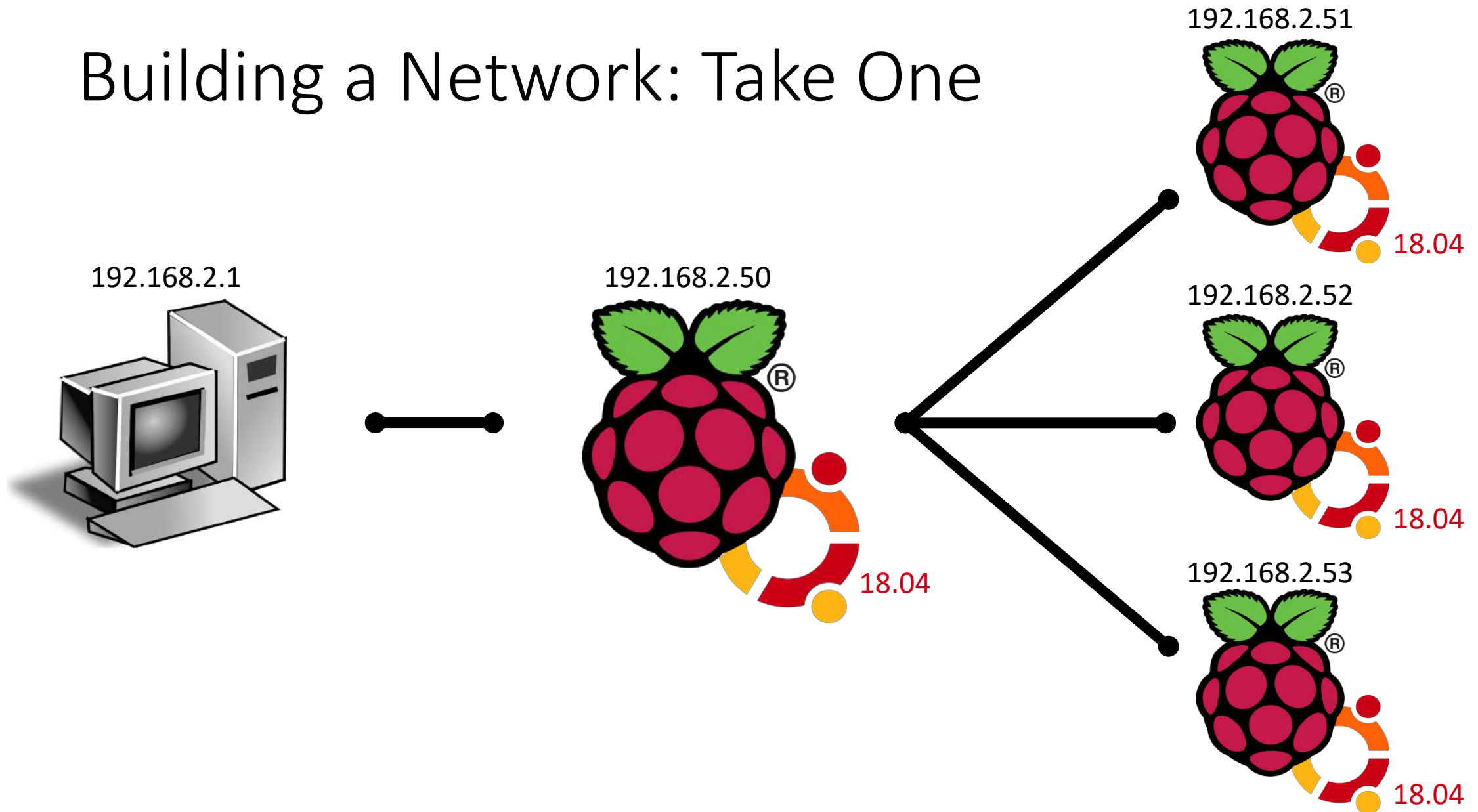
# Building a Network: Take One



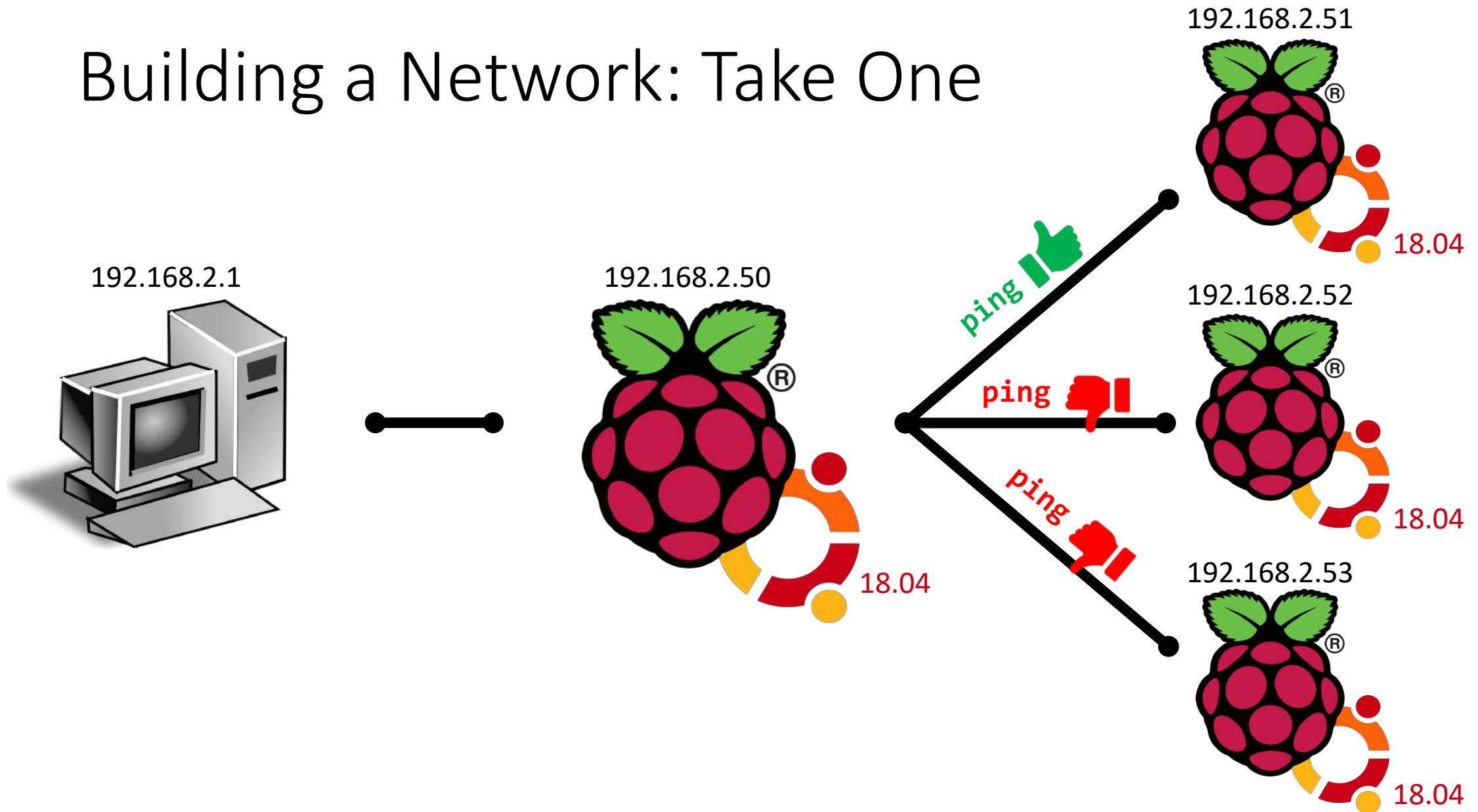
# Building a Network: Take One



# Building a Network: Take One

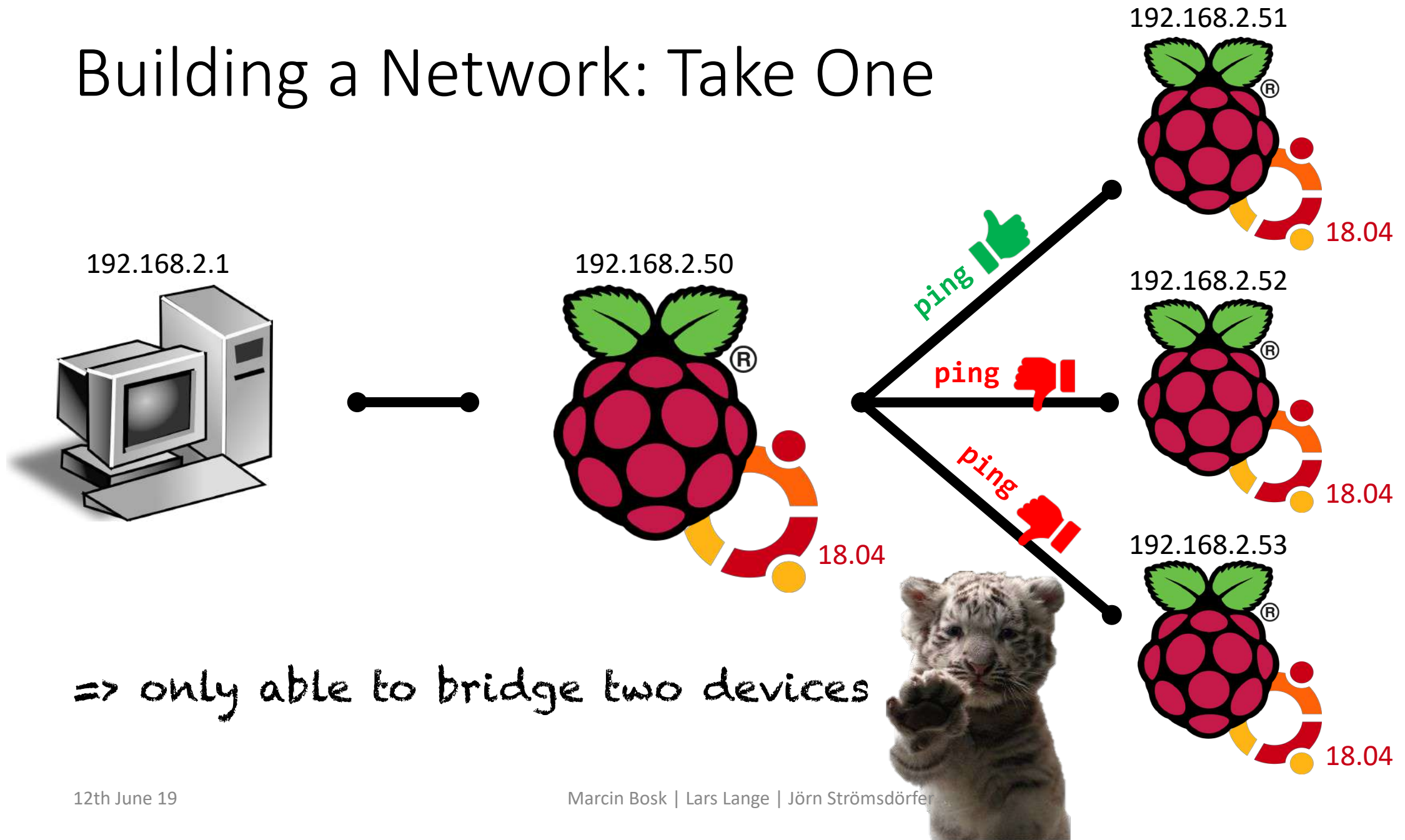


# Building a Network: Take One



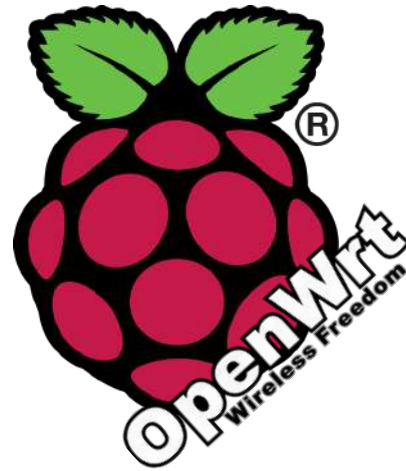


# Building a Network: Take One

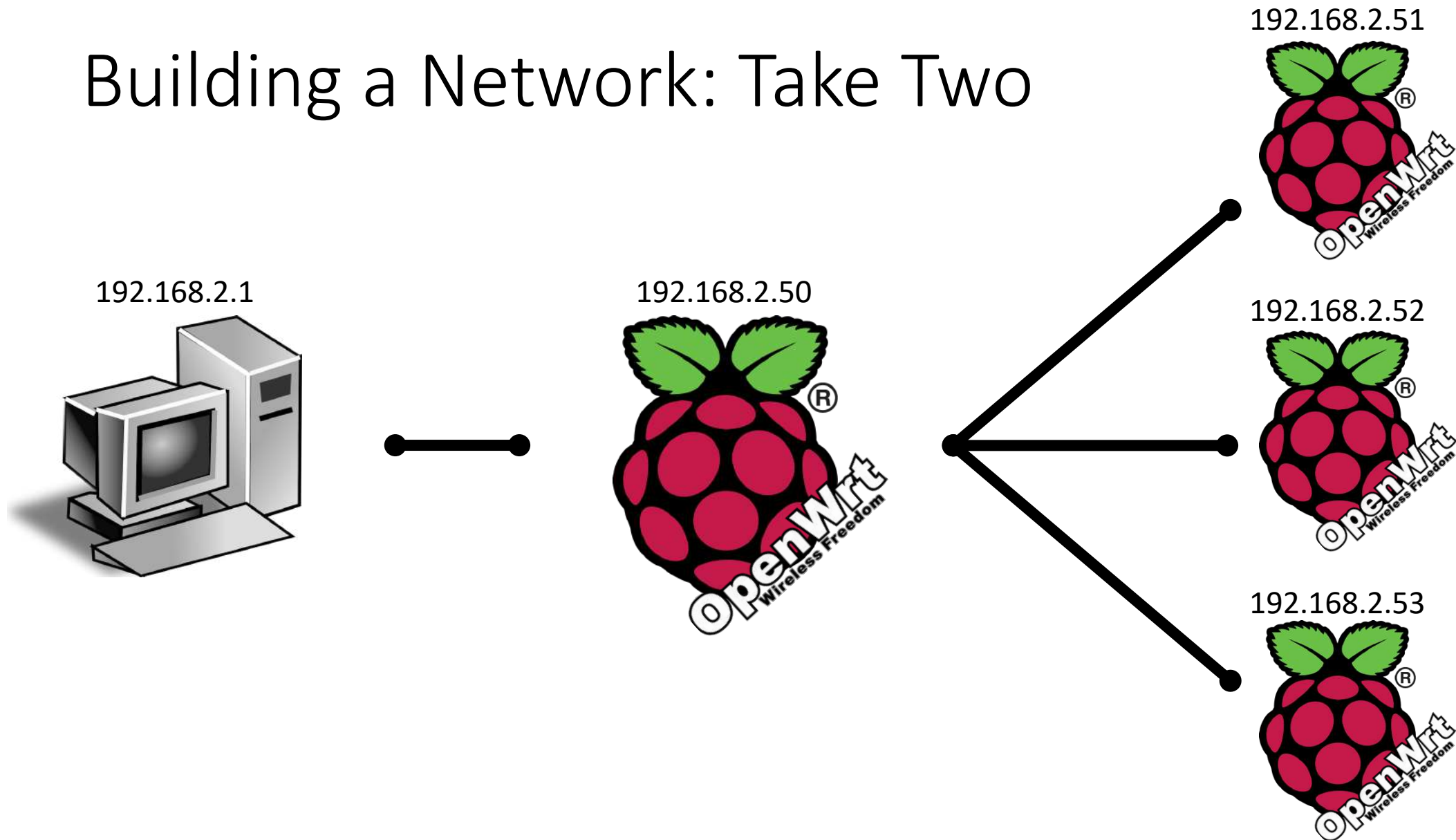




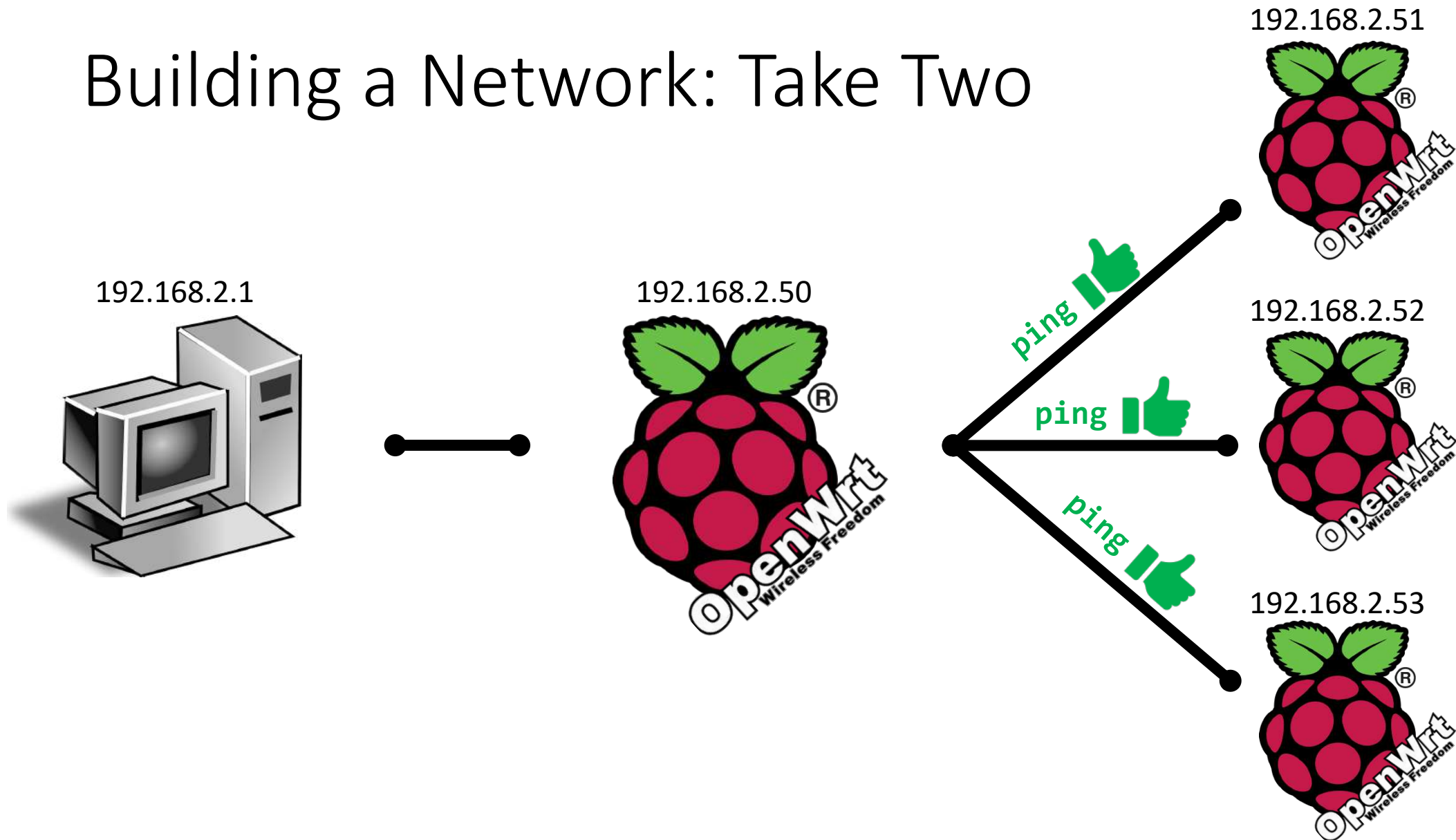
# Building a Network: Take Two



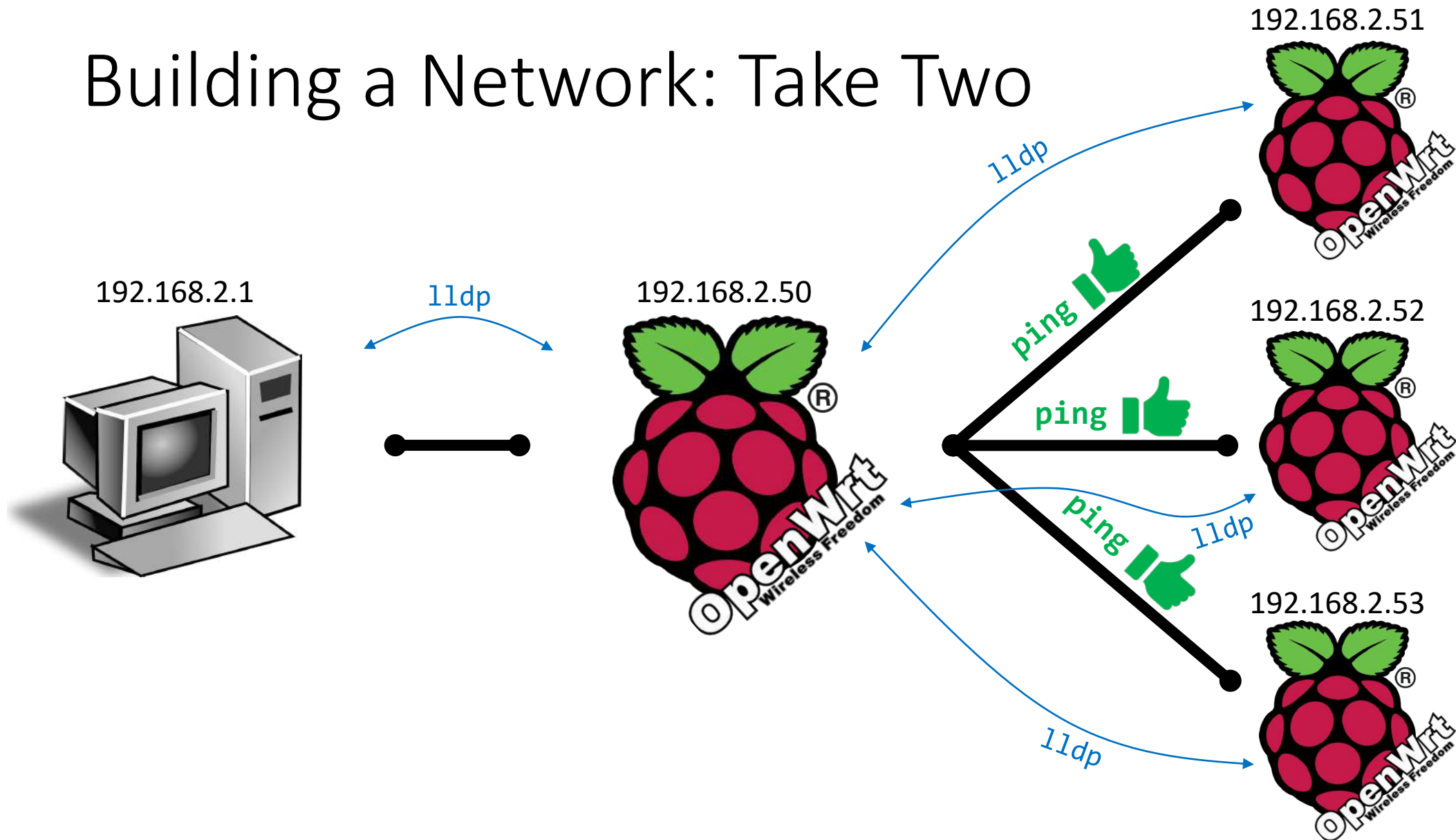
# Building a Network: Take Two



# Building a Network: Take Two

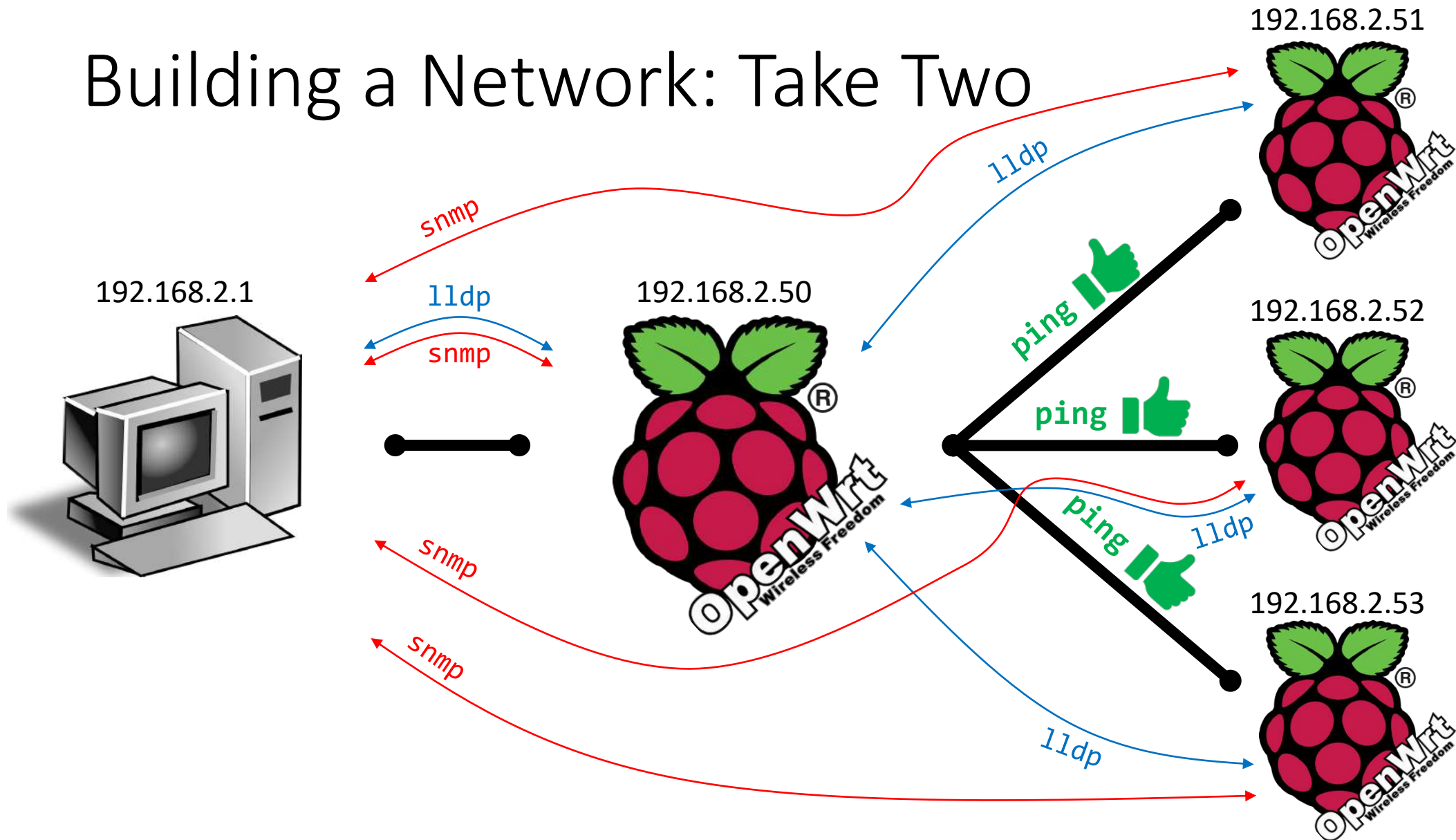


# Building a Network: Take Two

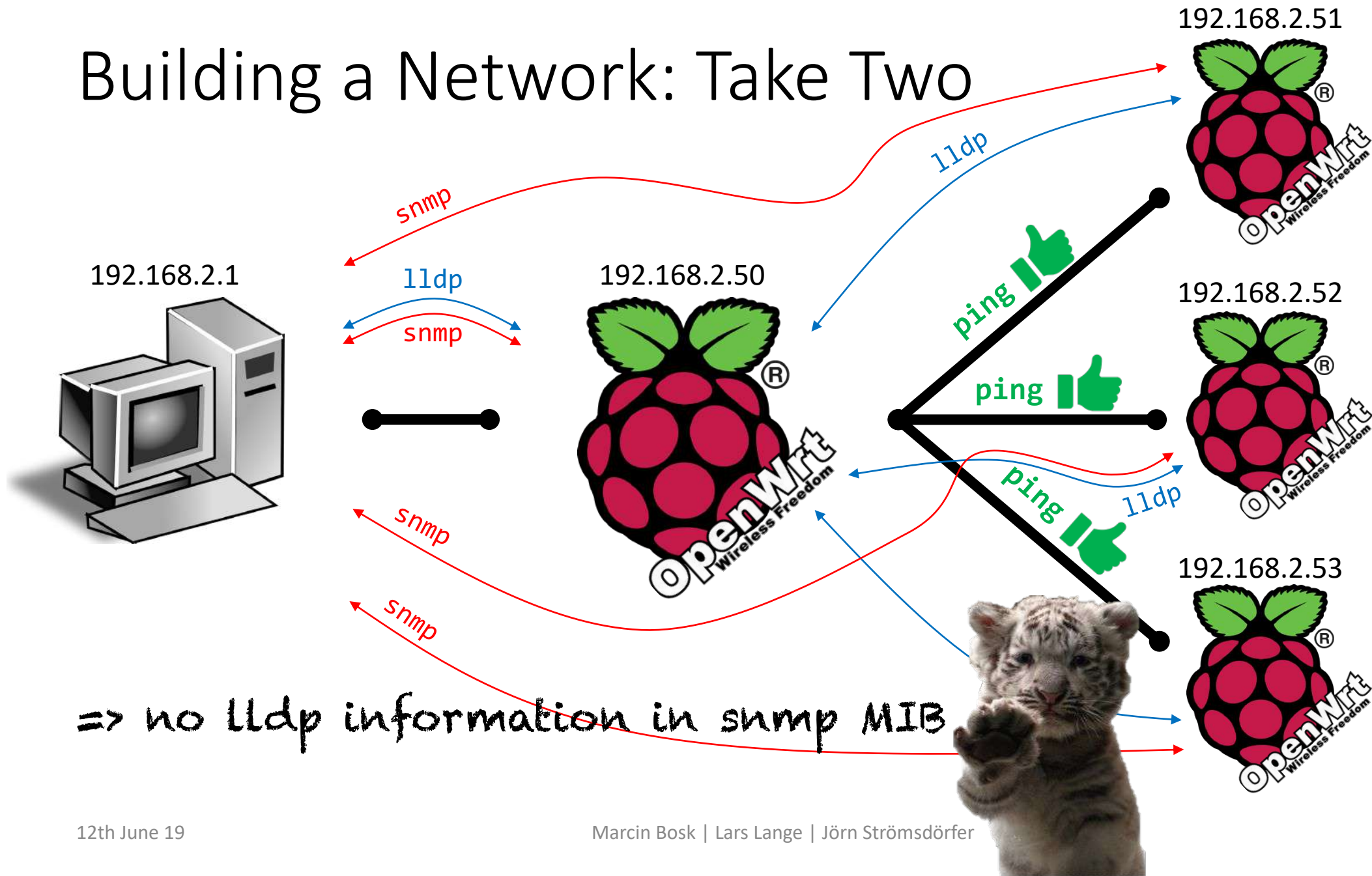




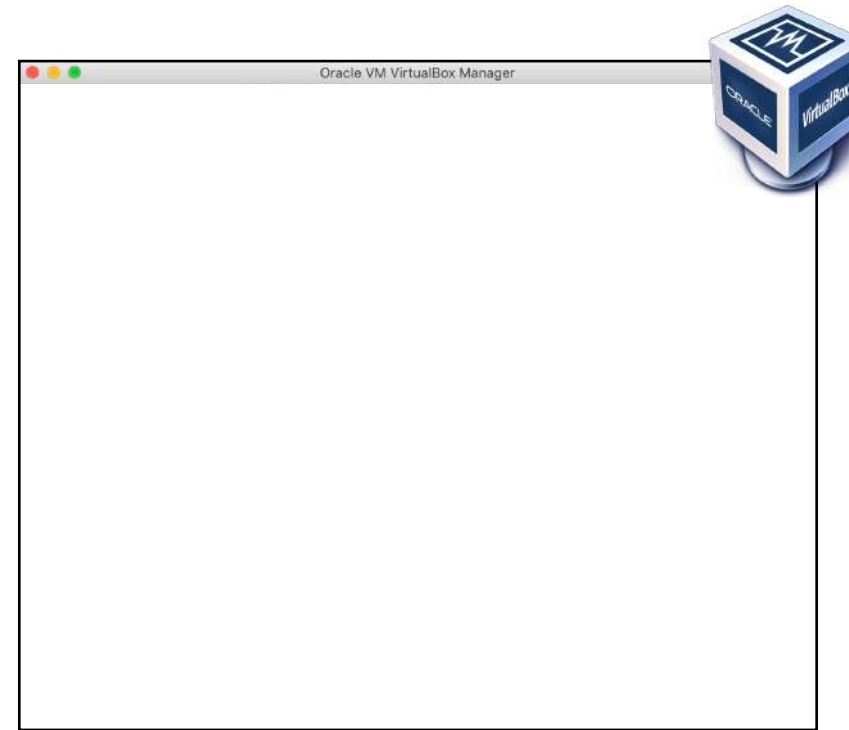
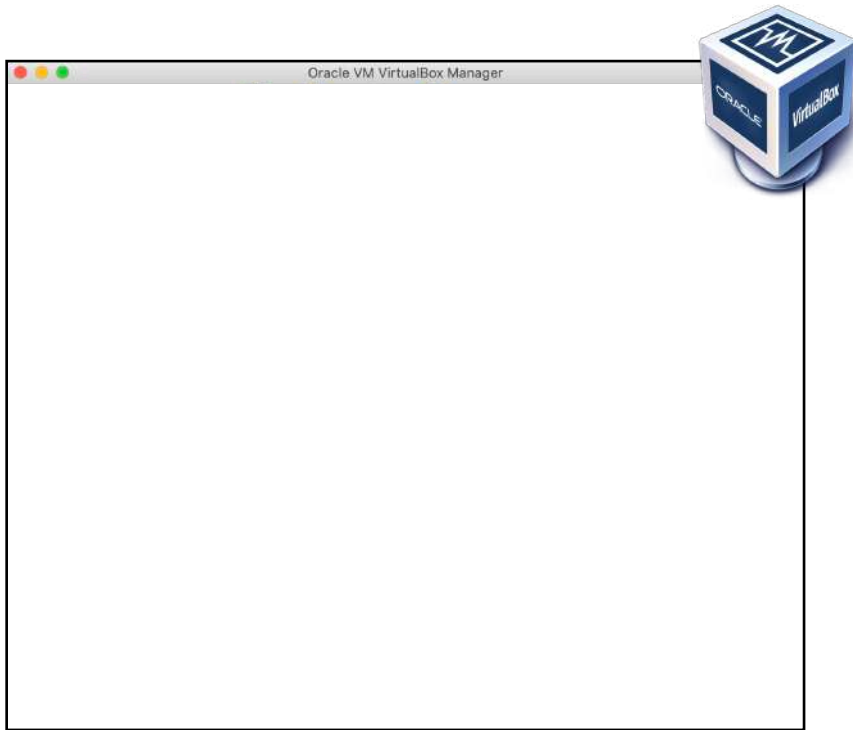
# Building a Network: Take Two



# Building a Network: Take Two



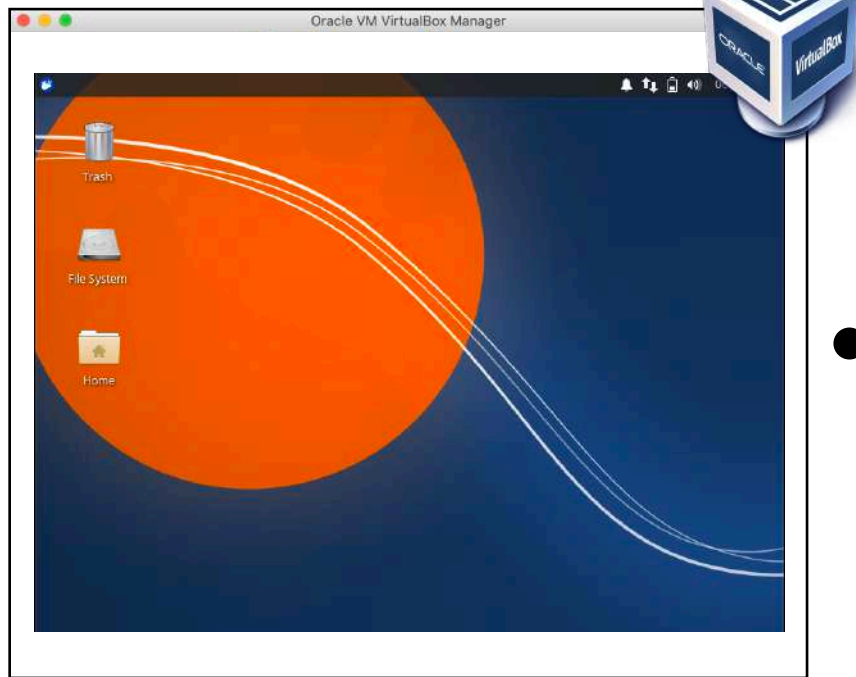
# Building a Network: Take Two and a Half



# Building a Network: Take Two and a Half

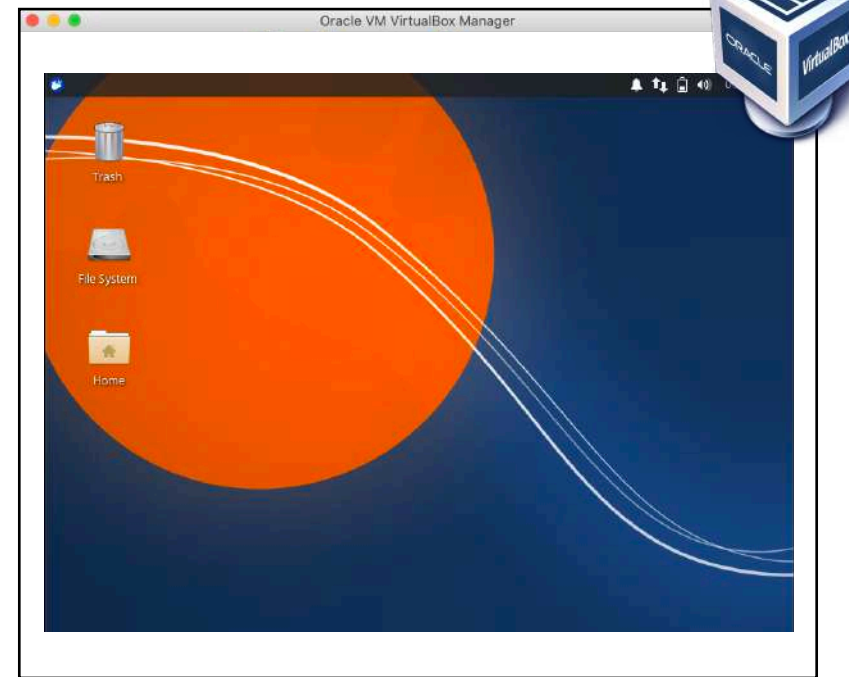


xubuntu 19.04

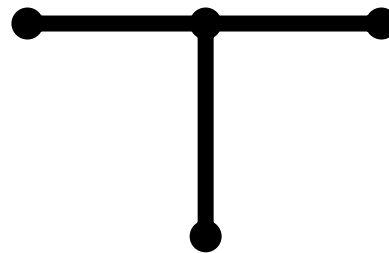


192.168.2.104

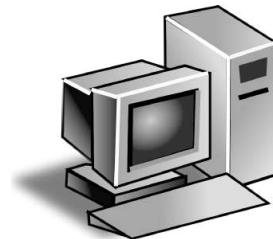
xubuntu 19.04



192.168.2.105



192.168.2.1

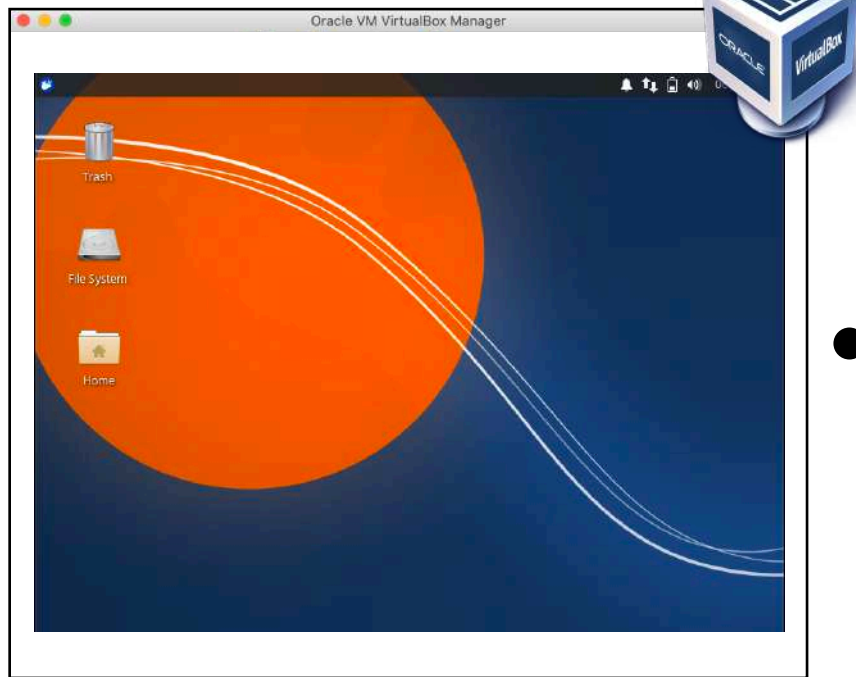




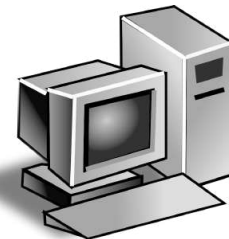
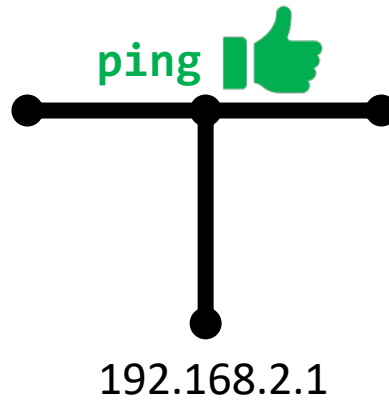
# Building a Network: Take Two and a Half



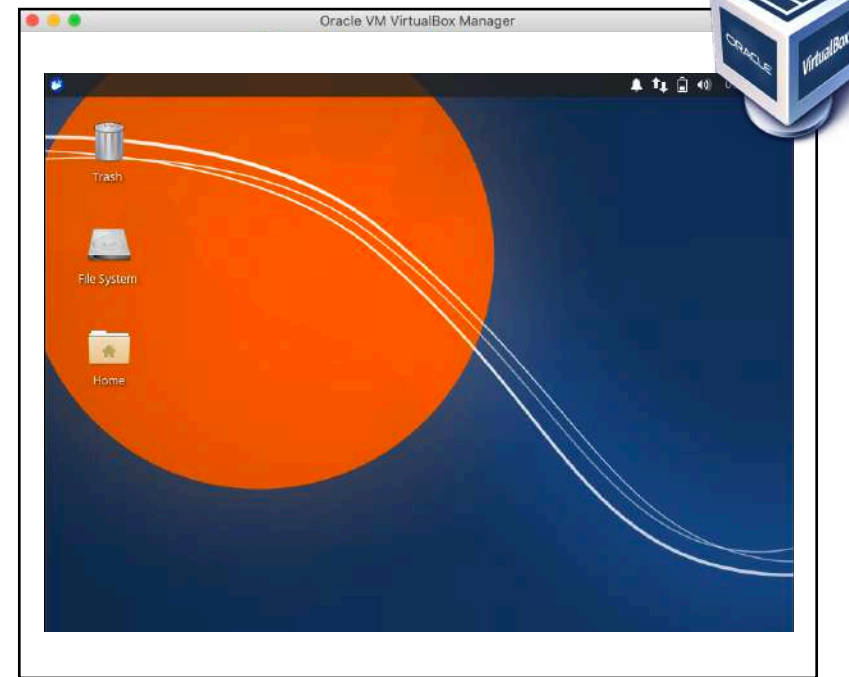
xubuntu 19.04



192.168.2.104

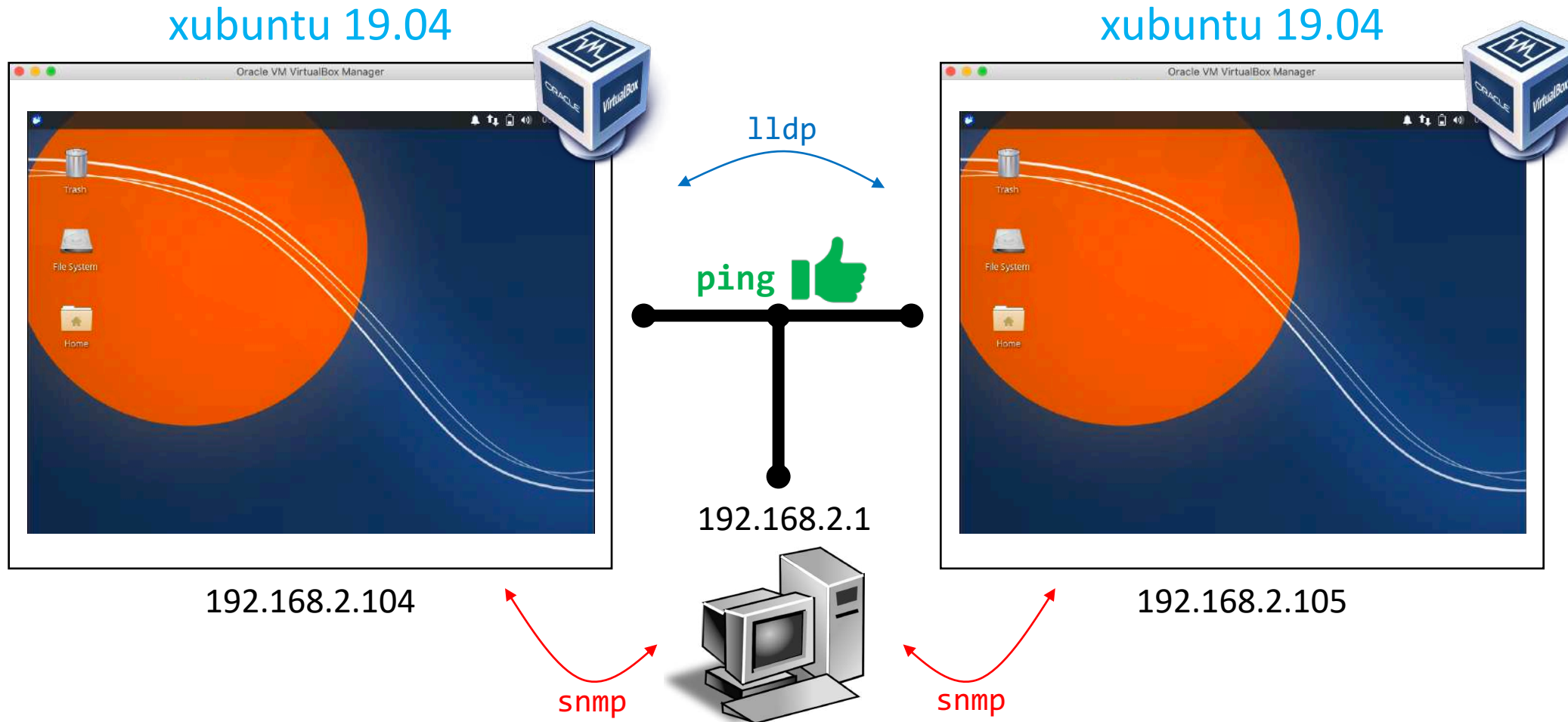


xubuntu 19.04



192.168.2.105

# Building a Network: Take Two and a Half

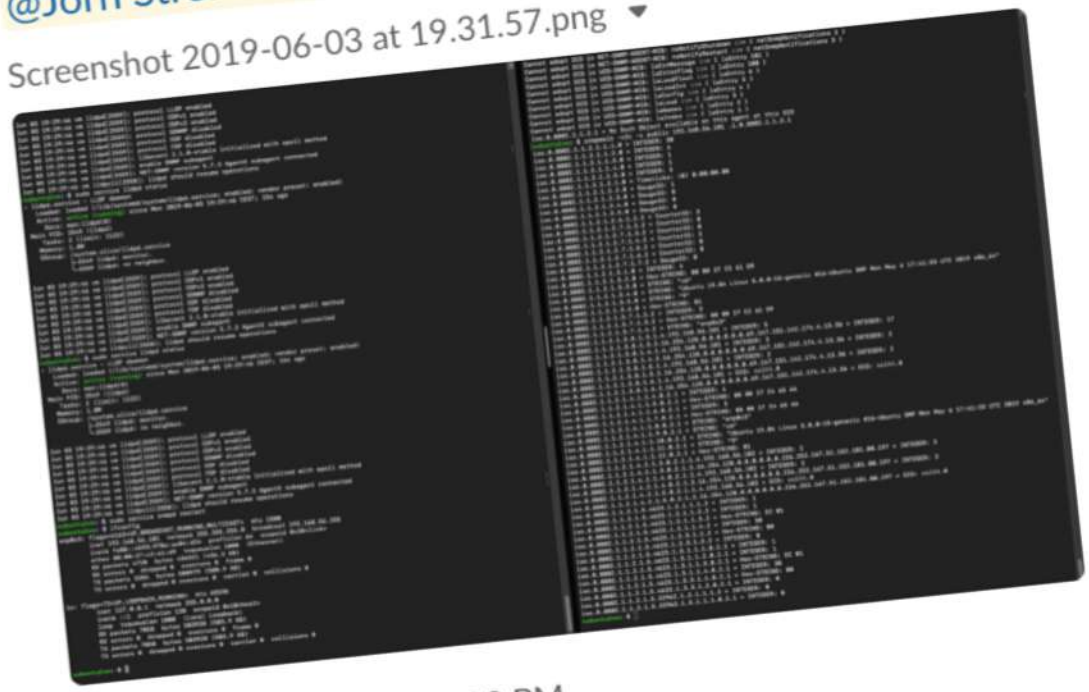


Part 1

half



**Marcin Bosk** 7:32 PM  
**@Jörn Strömsdörfer** 🤖 (edited)  
Screenshot 2019-06-03 at 19.31.57.png ▼

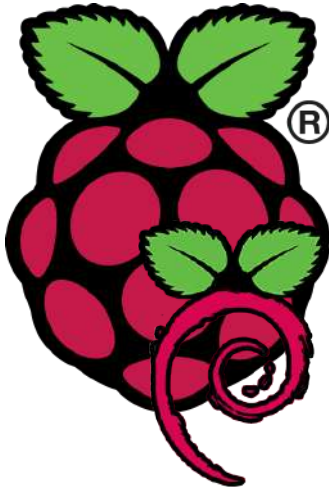


**Jörn Strömsdörfer** 7:33 PM  
Aaaaaaaaaaaaaah!!!!!!!  
You've fucking done it!!!

**Marcin Bosk** 7:34 PM  
Ich habe aber keine Ahnung was ich so gemacht habe das es jetzt funktioniert 🤔

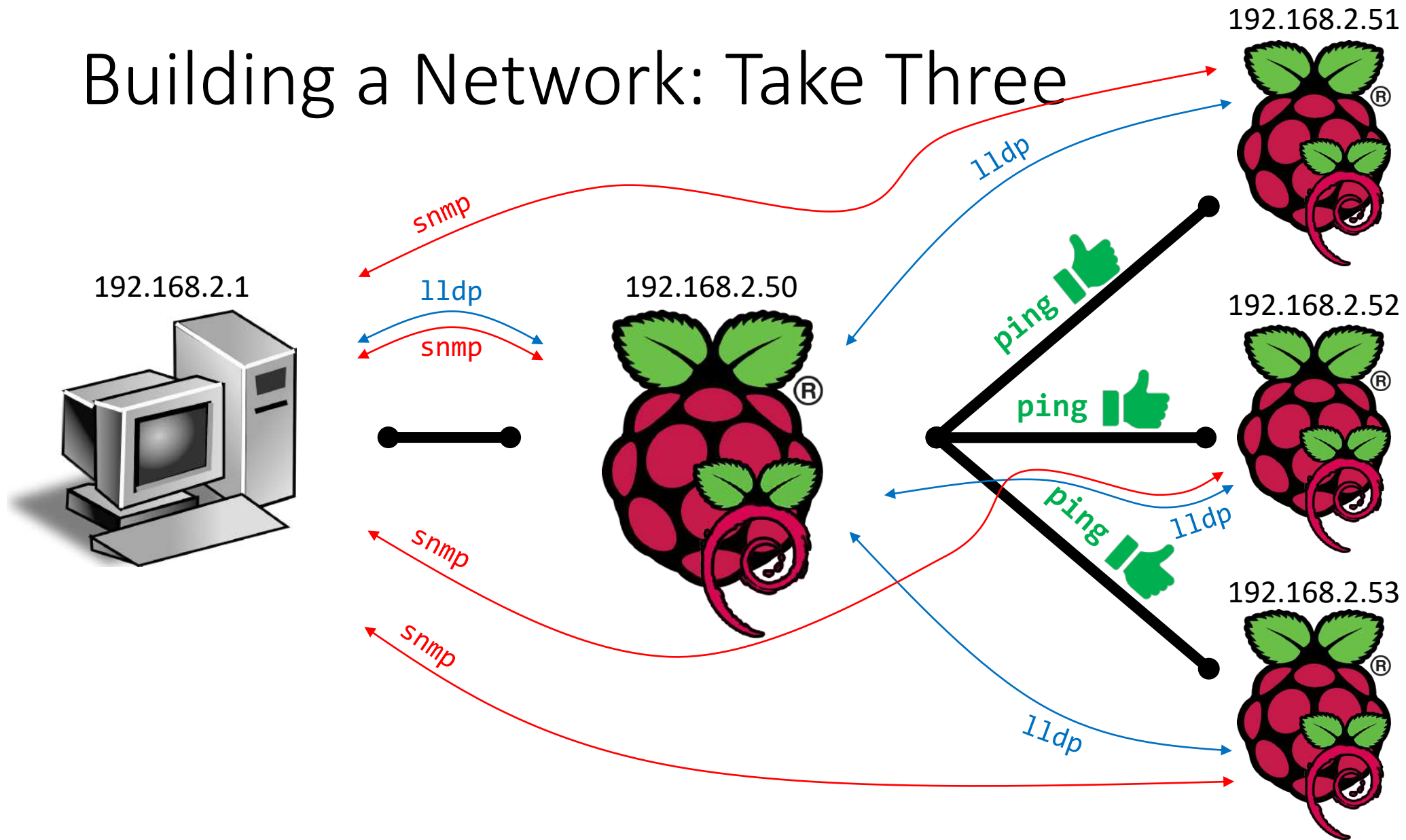


# Building a Network: Take Three

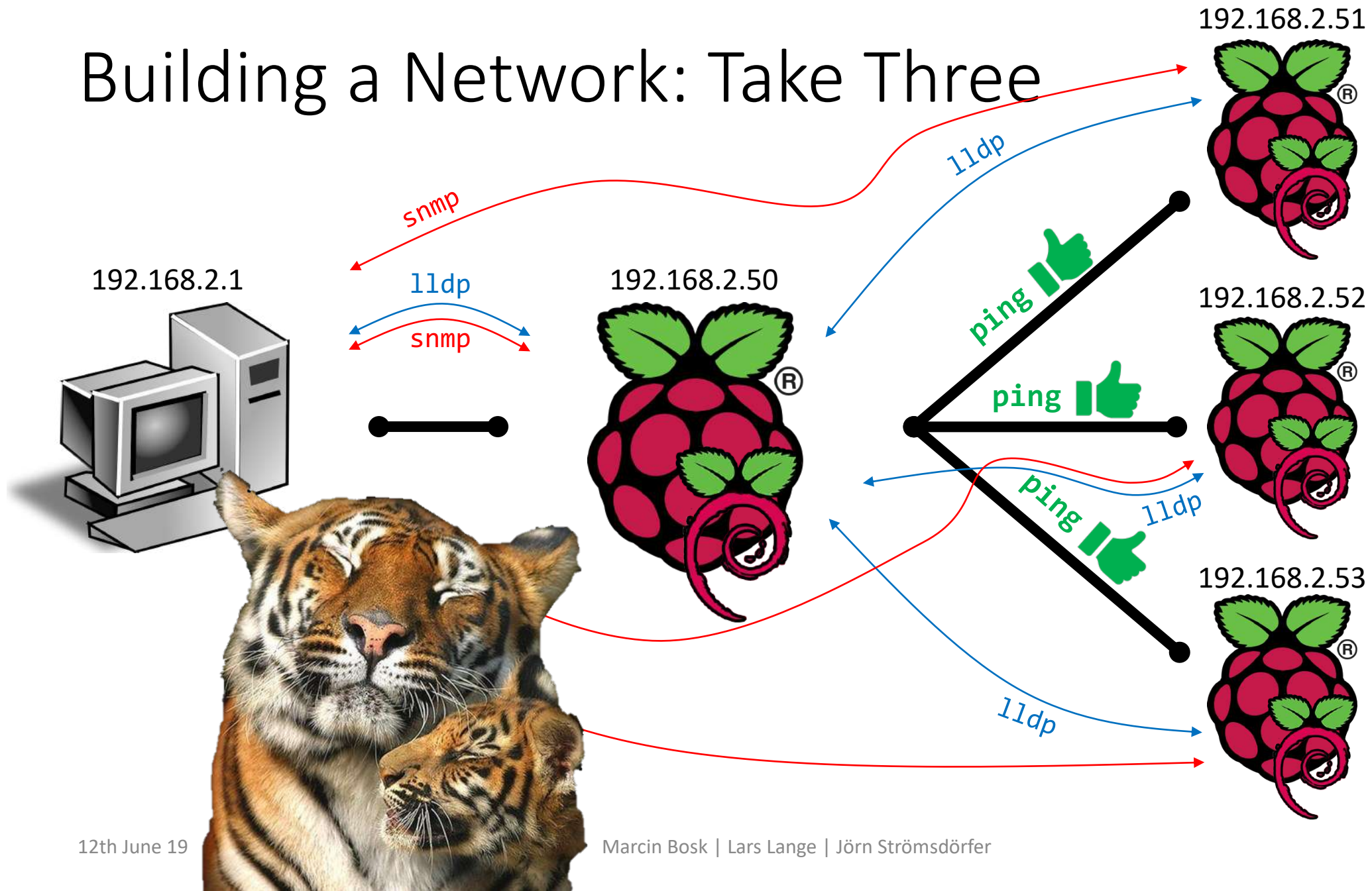




# Building a Network: Take Three



# Building a Network: Take Three





# Project Plan

1. Building a Network
2. Detecting the Topology
3. Packaging the Topology



# Demo