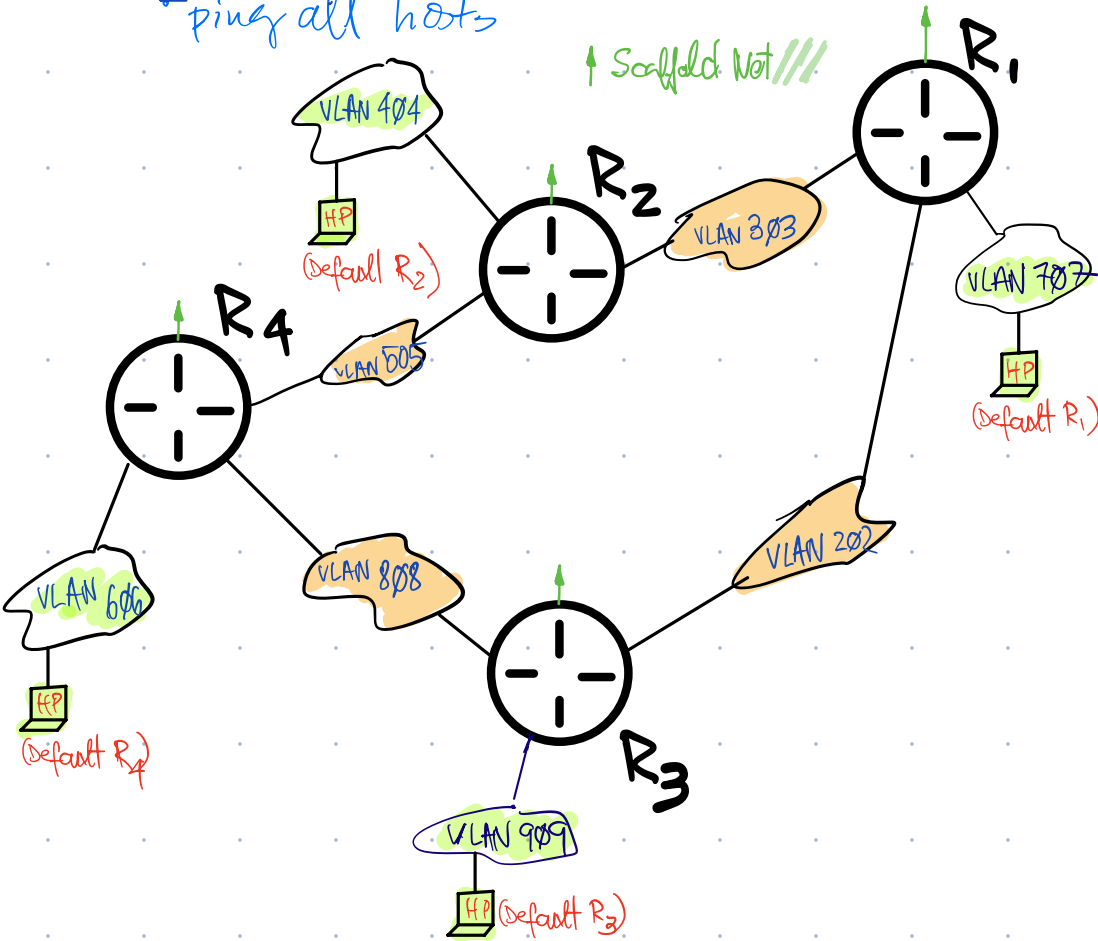# 0. Design/numbering/IP calc [Tentative design; next week, definitive]

1. Build R_x ☐ Demonstrate

2. Routing Table at all R_x ⌐ manual bootup
- set H_x default router (local!)
- ping all hosts

↑ Scaffold Net ///

VLAN 404

HP (Default R_2)

R_2

VLAN 303

R_1

VLAN 707

HP (Default R_1)

R_4

VLAN 505

VLAN 808

VLAN 606

HP (Default R_4)

VLAN 202

R_3

VLAN 909

HP (Default R_3)

IP range	Assignment
192.168.0.0/24	Not assigned yet
192.168.0.255	
192.168.1.0/24	VLAN 1
192.168.1.255	↑ Scaffold Net
192.168.2.0/25	VLAN 202
192.168.2.127	
192.168.2.128/25	VLAN 303
192.168.2.255	
192.168.3.0/26	VLAN 404
192.168.3.63	
192.168.3.64/26	VLAN 505
192.168.3.127	
192.168.3.128/26	VLAN 606
192.168.3.191	
192.168.3.192/27	VLAN 808
192.168.3.224/28	VLAN 707
192.168.3.240/28	VLAN 909