# Simple approach to merging two networks together
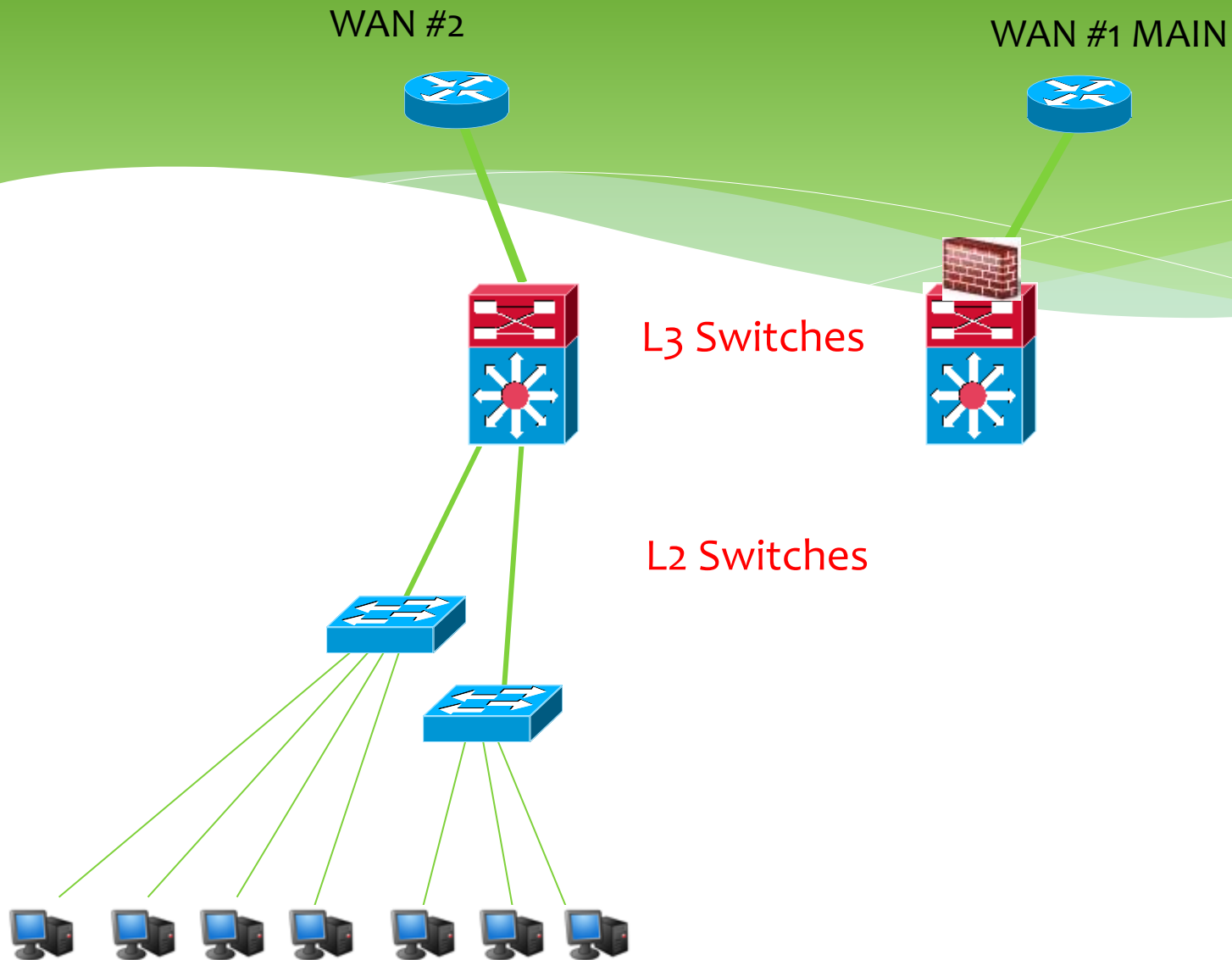
Main WAN Router

DHCP
Changes will need to be made to the DHCP scope
(WAN router GW to L3 switch GW for clients)

Switch L3

VLANS A,B,C

Dot1Q Trunk

External SITES, move of default gateway from WAN router to L3 switch
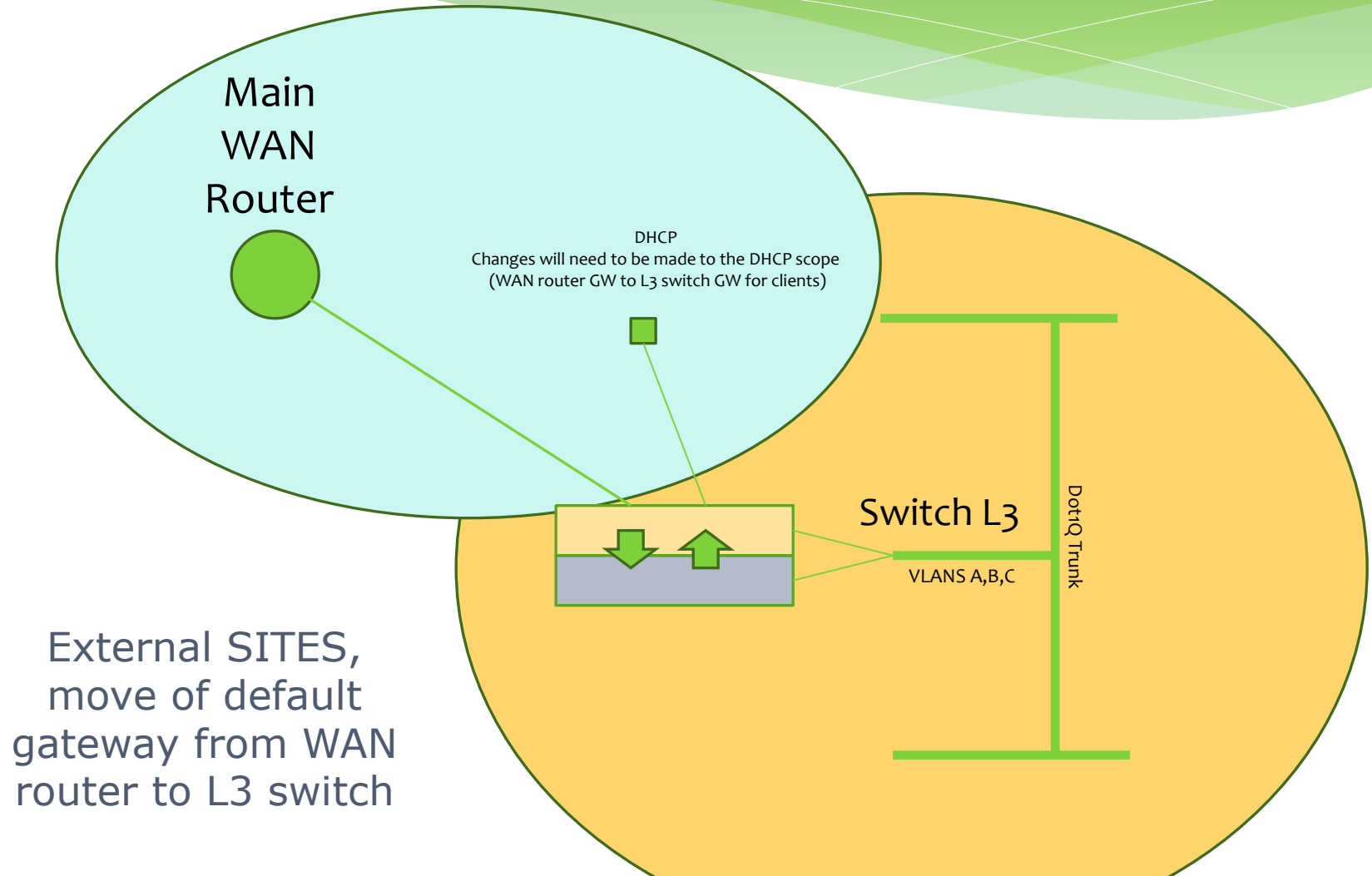
# 1. status today

WAN #2

WAN #1 MAIN

L3 Switches
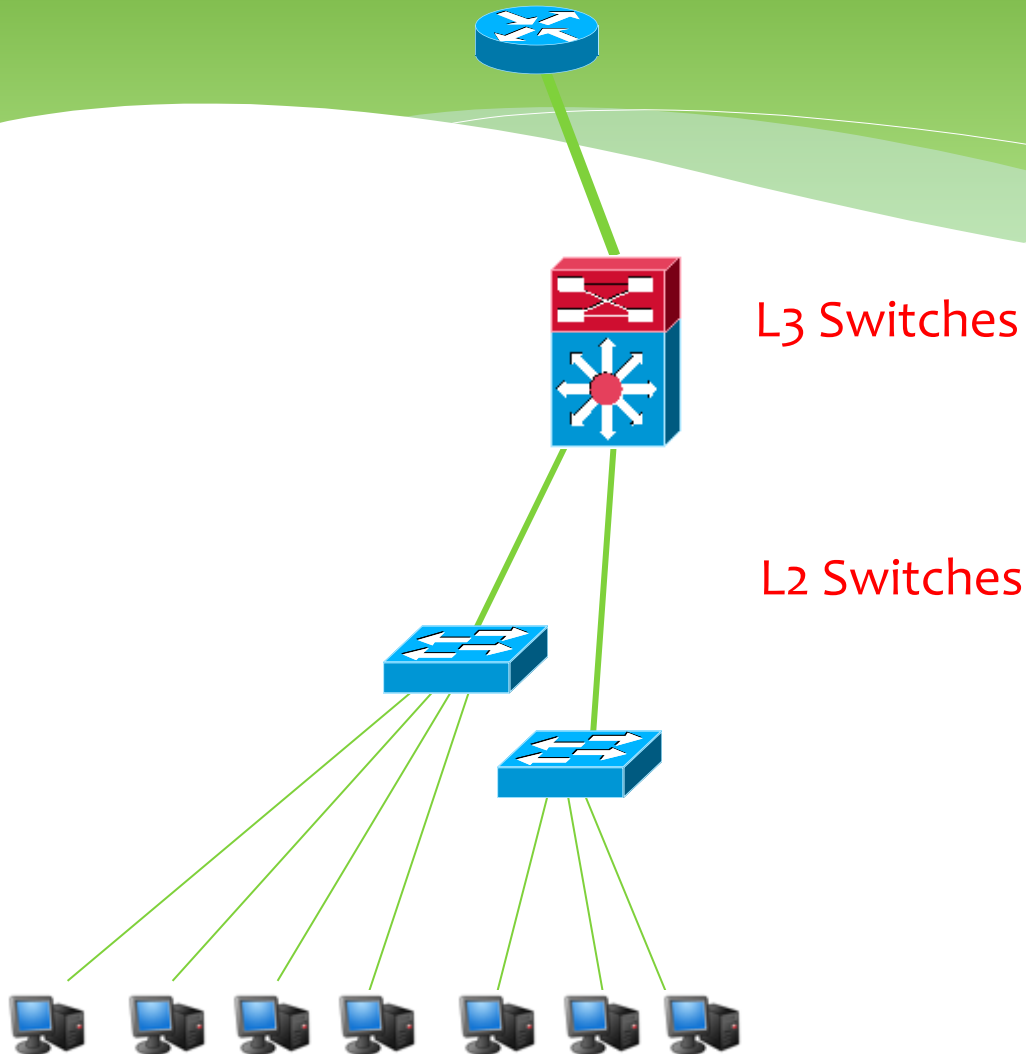
L2 Switches

# 2. Introduction of a fortinet FW and L3 switching

WAN #2

WAN #1 MAIN

L3 Switches

L2 Switches

# 3. Build up network infrastructure with a new VLAN on the existing switches

WAN #2

WAN #1 MAIN

L3 Switches

L2 Switches
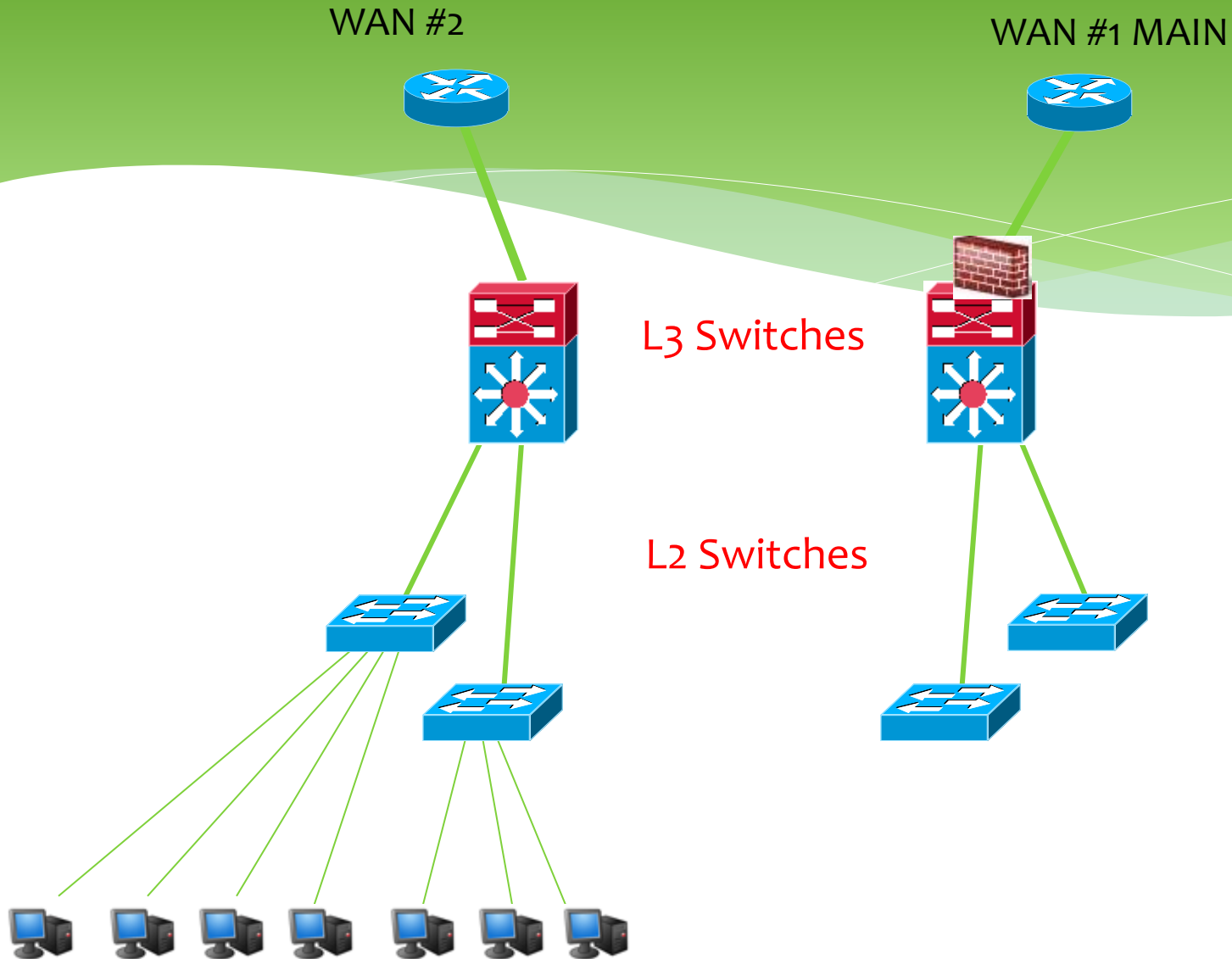
# 4. Create an active link between #2 local and #1 Local

WAN #2

WAN #1 MAIN

#2 Gateway
(VlanA)

L3 Switches

#1 Gateway (VlanB)

L2 Switches
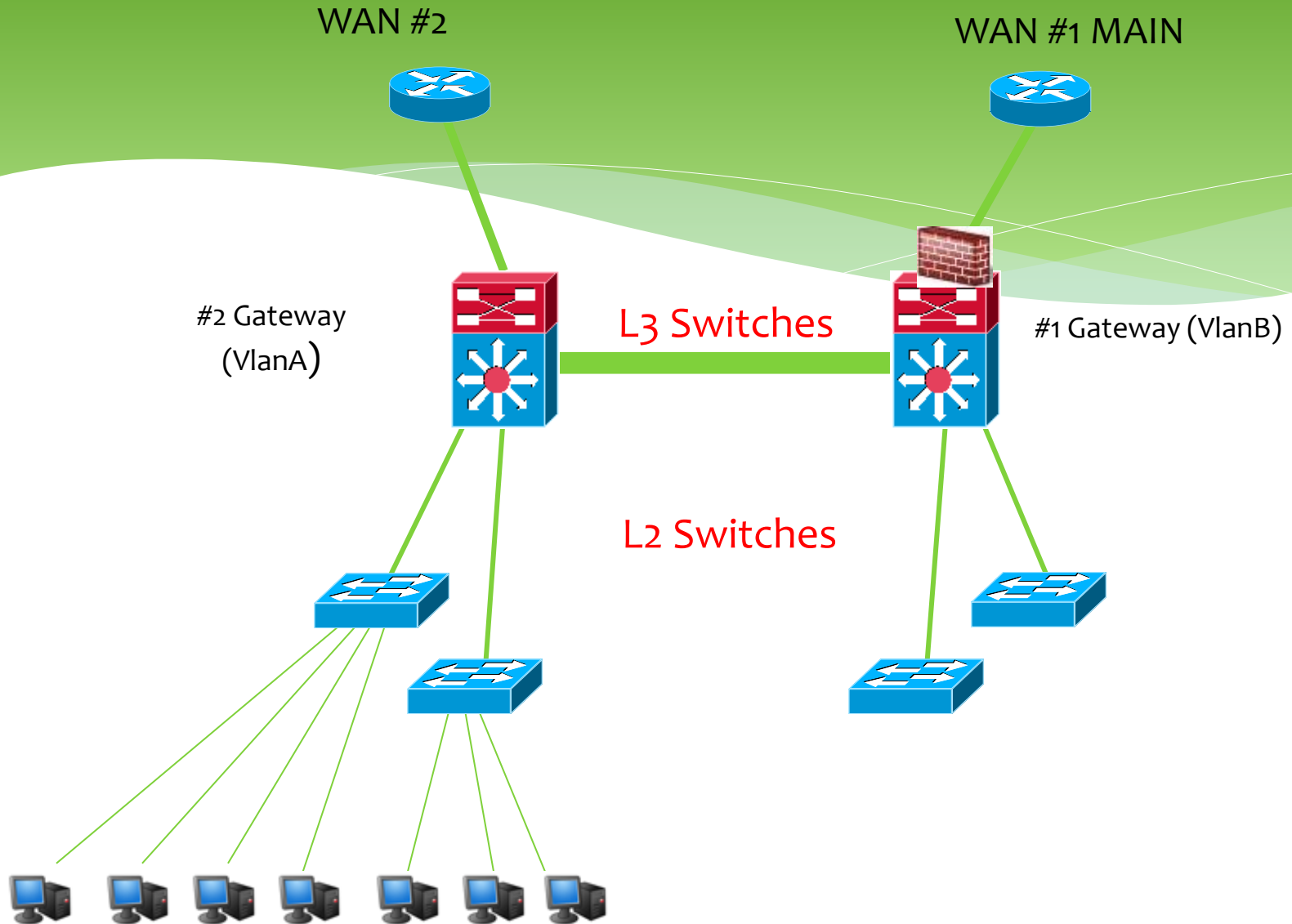
# 5. Start to move the LU computer and devices over to the Kraft world

WAN #2

WAN #1 MAIN

#2 Gateway
(VlanA)

L3 Switches

#1 Gateway (VlanB)

L2 Switches

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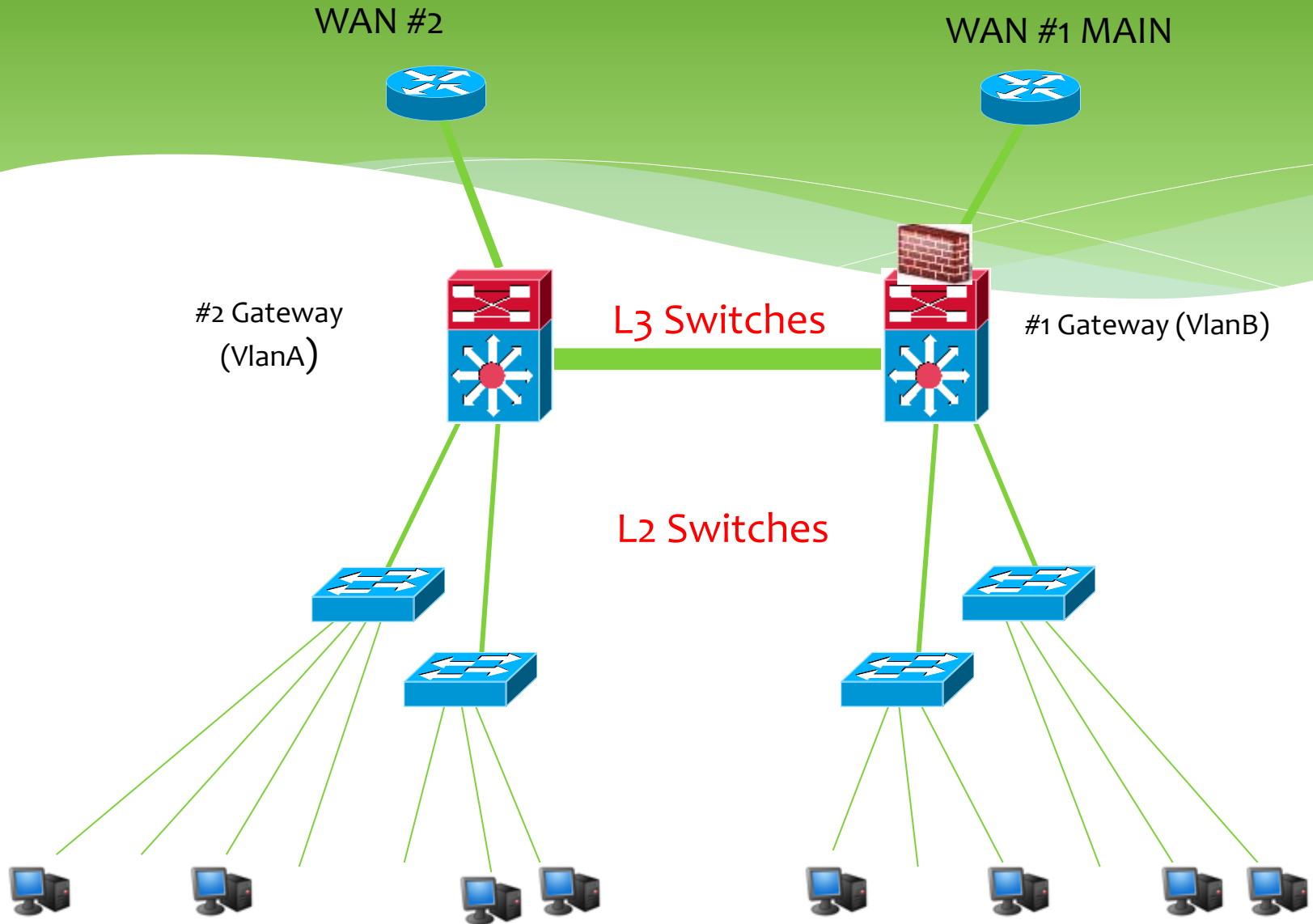
# 6. Complete the move across

WAN #2

WAN #1 MAIN

#2 Gateway
(VlanA)

L3 Switches

#1 Gateway (VlanB)

L2 Switches

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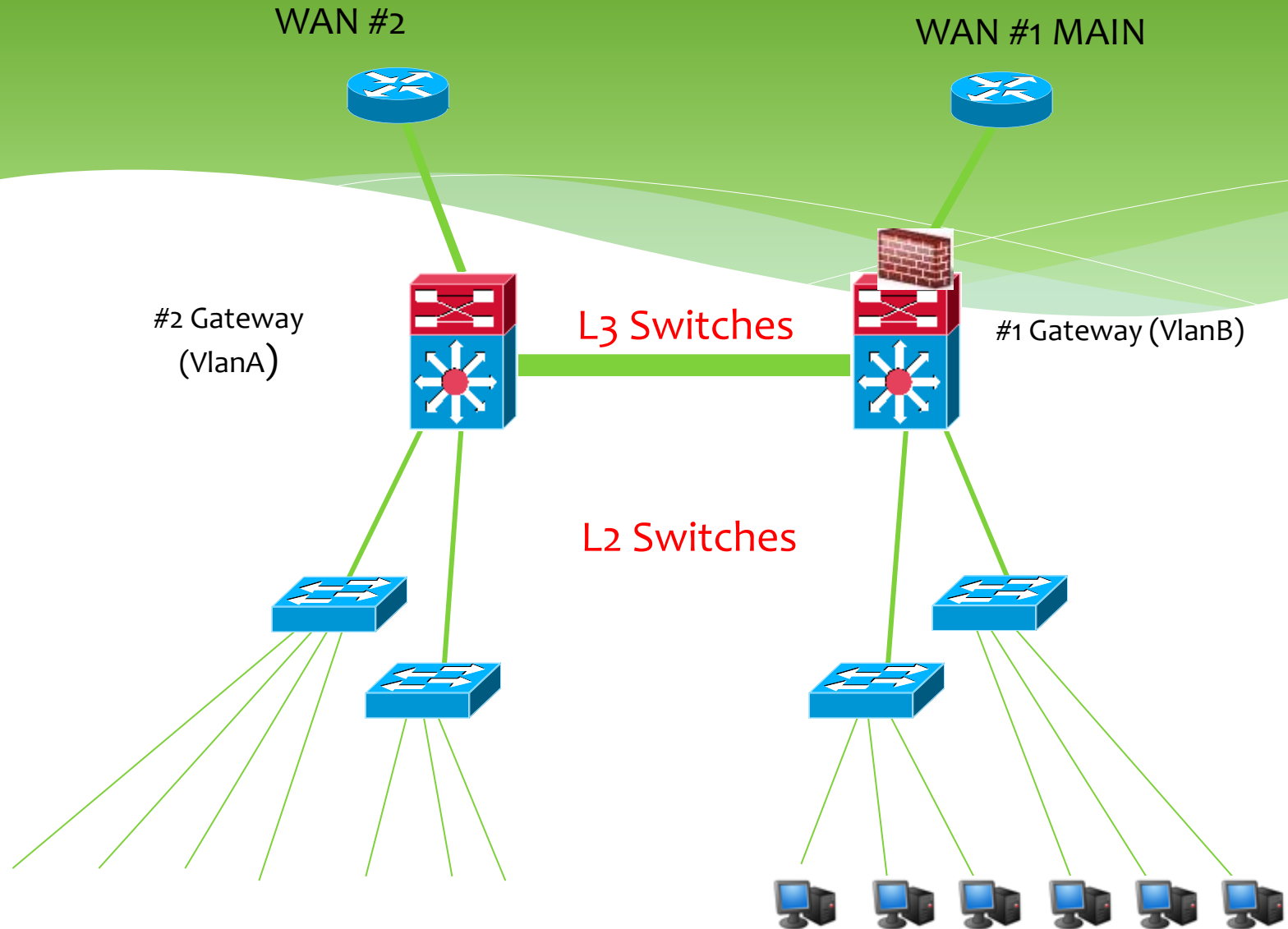
# 7. Decommission the old #2 LAN

WAN #1 MAIN

#1 Gateway (VlanB)
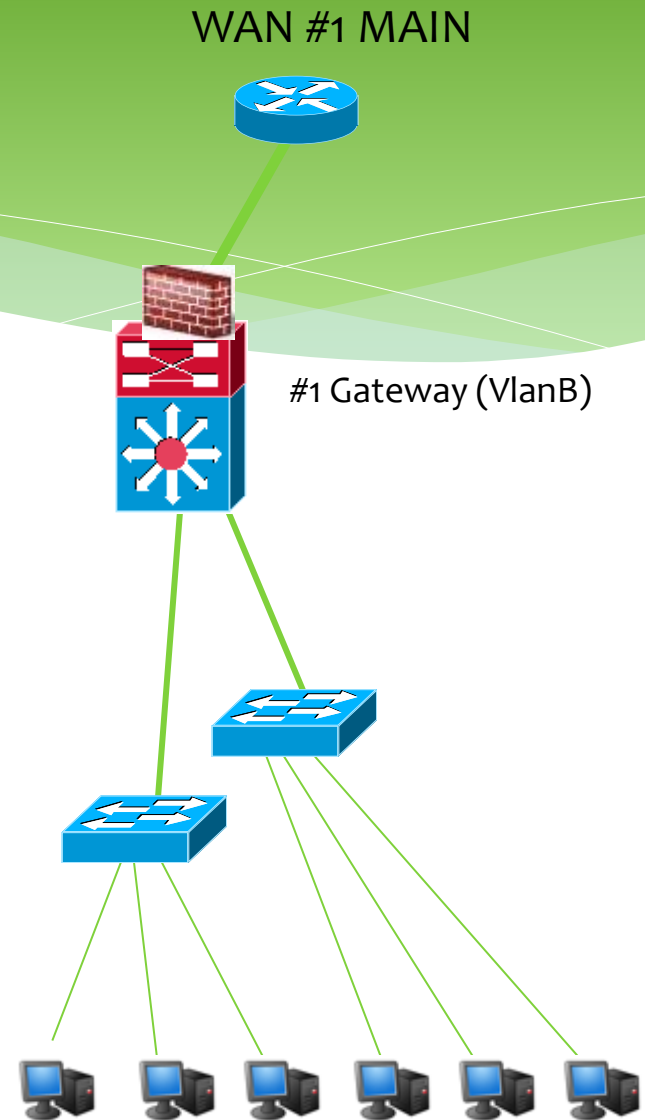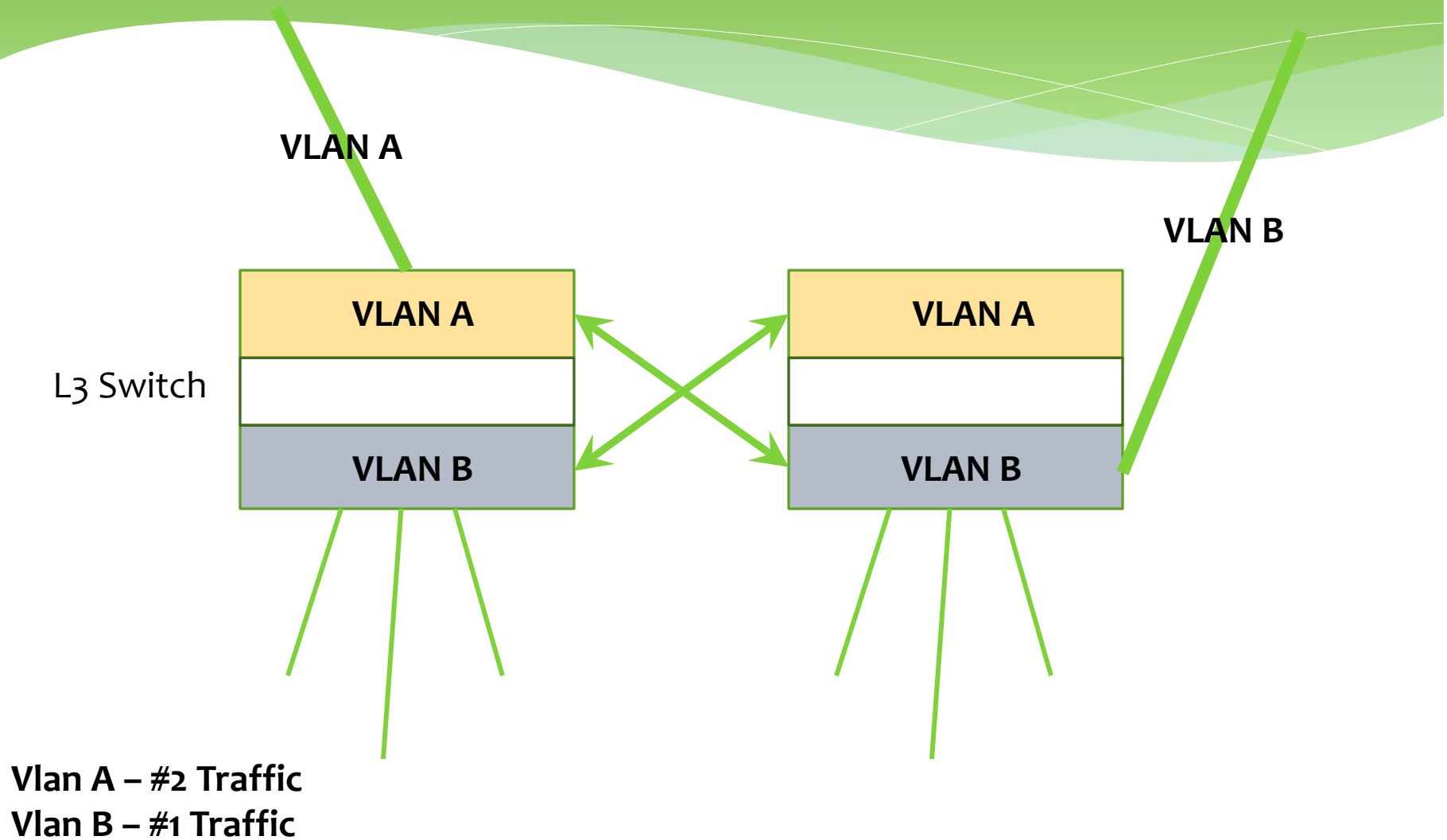
**8.** Once every machine is setup running complaint software and we are satisfied the security for the all other devices meets the new standards then the Fortinet could be reused as a protection for anything else which cannot fit to the new standard, e.g. a firewall within the factory.



#1

WAN

Default Gateway

Factory

Office

# Bridging the gap



**VLAN A**

**VLAN B**

L3 Switch

| VLAN A | | VLAN A |
|--------|--|--------|
| | | |
| VLAN B | | VLAN B |

**Vlan A – #2 Traffic**
**Vlan B – #1 Traffic**
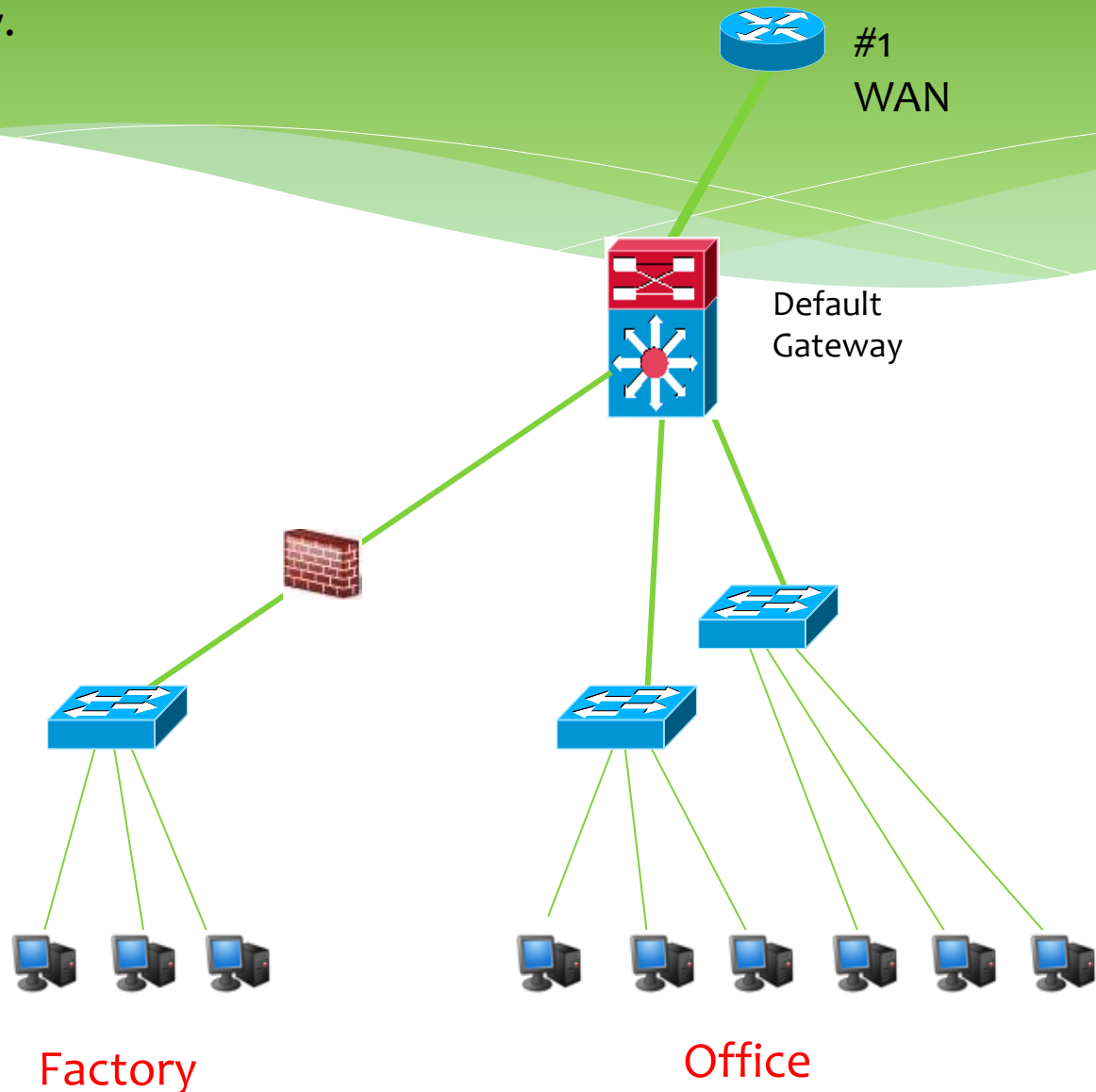
**Dependences:**

**AD/NDS** – How to handle each site separately even if they are interlinked on a level by the AD

**Radius** –Radius within the new environment will need to be setup for the new wifi connection.

**WIFI** –      Security

**SAP/Applicaition** s– Printers, we will need to coordinate  about the new IP addresses for printers.

**Others** - ?? VPN !!!!!

**Requirements:**

**Forinet FW** –2000 euros