

Internet



192.168.1.111

.1.

BORDER

Switch0 VLAN aware on eth2 (PVID:66), eth3, eth4
DNS on eth0, switch0, switch0.66
Eth0 10.22.22.1/24

Routeur 1 – 5 ports

eth0 PoE eth1 eth2 eth3 eth4 PoE

NAT: masquerade on eth1

Firewall Policies

WAN_IN	DROP, eth1, IN	Accept E/R,	Drop I
WAN_LOCAL	DROP, eth1, local	Accept E/R,	Drop I
LOCK_BORDER	DROP, switch0, OUT	Accept E/R, Accept 10.6.7.0/24, Drop I	
LOCK_DMZ	DROP, switch0.66, OUT	Accept E/R, Accept 10.6.7.0/24, Drop I	
LOCK_MAINTENANCE	DROP, eth0, OUT	Accept E/R, Accept 10.6.7.0/24, Drop I	

.6.6.
10.6.6.1
BORDER

DHCP

Border	10.6.6.0/24,	21-240	10.6.6.1
Future_DMZ	10.6.66.0/24,	21-240	10.6.66.1
Maintenance_22	10.22.22.0/24,	21-240	10.22.22.1

Routing

To Internet	1	Gateway	0.0.0.0/24	192.168.1.1	eth1
To IoT	1	interface	10.6.107.0/24		eth3

Automatic routes

192.168.1.0/24	eth1
10.6.6.0/24	switch0
10.6.66.0/24	switch0.66
127.0.0.0/8	io

DHCP

Cloud_81	10.7.81.0/24,	21-240	10.7.81.1
CNC_26	10.7.26.0/24,	21-240	10.7.26.1
Office_7	10.6.7.0/24,	21-240	10.6.7.1
Maintenance_22	10.22.22.0/24,	21-240	10.22.22.1

IoT

DHCP
IoT 10.6.107.0/24, 21-240 10.6.107.1
Maintenance_22 10.22.22.0/24, 21-240 10.22.22.1

Switch0 NO VLAN on eth2, eth3, eth4
DNS on eth0, switch0
Eth0 10.22.22.1/24

Routeur 2 – 5 ports

eth0 PoE eth1 eth2 eth3 eth4 PoE

.6.107.
10.6.107.1
IoT

Firewall Policies

WAN_IN	DROP, eth1, IN	Accept E/R,	Drop I
WAN_LOCAL	DROP, eth1, local	Accept E/R,	Drop I
LOCK_IOTLABS	DROP, switch0, OUT	Accept E/R, Accept 10.6.7.0/24, Drop I	
LOCK_MAINTENANCE	DROP, eth0, OUT	Accept E/R, Accept 10.6.7.0/24, Drop I	

Automatic routes

0.0.0.0/24	10.6.6.1	eth1
10.6.6.0/24		eth1
10.6.107.0/24		switch0
127.0.0.0/8		io

NAT: masquerade on eth1

eth1

LABS

.107.148.
10.107.148.1

Routeur 4 – 10 ports

Eth0 PoE eth2 eth3 eth4 eth5 eth6 eth7 eth8 eth9 PoE

SECURE LAN

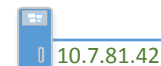
Switch0 VLAN aware on eth2 (PVID:81), eth3 (26), eth4
DNS on eth0, switch0, switch0.26, switch0.81
Eth0 10.22.22.1/24

Routeur 3 – 5 ports

eth0 PoE eth1 eth2 eth3 eth4 PoE

.6.7.
10.6.7.1
OFFICE

NAT: masquerade on eth1



CNCproCutsCLOUD
3 Tb

Firewall Policies

WAN_IN	DROP, eth1, IN	Accept E/R,	Drop I
WAN_LOCAL	DROP, eth1, local	Accept E/R,	Drop I
LOCK_OFFICE	DROP, switch0, OUT	Accept E/R, Accept 10.6.7.0/24, Drop I	
LOCK_CNC	DROP, switch0.26, OUT	Accept E/R, Accept 10.6.7.0/24, Drop I	
LOCK_CLOUD	DROP, switch0.81, OUT	Accept E/R, Accept 10.6.7.0/24, Drop I	
LOCK_MAINTENANCE	DROP, eth0, OUT	Accept E/R, Accept 10.6.7.0/24, Drop I	

Routing

To Parent Router	1	Gateway	0.0.0.0/24	10.6.6.1	eth1
To IoT	1	interface	10.6.107.0/24		eth1

Automatic routes

10.6.6.0/24	eth1
10.6.7.0/24	switch0
10.7.26.0/24	switch0.26
10.7.81.0/24	switch0.81
127.0.0.0/8	io

CNC LAN

Switch – 8 ports

Port 1 Port 2 Port 3 Port 4 Port 5 Port 6 Port 7 Port 8

.7.26.

OFFICE LAN

Switch – 8 ports

Port 1 Port 2 Port 3 Port 4 Port 5 Port 6 Port 7 Port 8

.6.7.



Portable 10.6.7.42 Linux-AI 10.6.7.142

.7.26. CNC Zone

Switch – 5 ports

Port 1 Port 2 Port 3 Port 4 Port 5



LinuxCNC 10.7.26.42 Multicam GraphiX Cutter 10.7.26.142