

Comandi Routing

Gateway	GEN: ip route add <u>default</u> via <u>192.168.0.1</u> dev <u>eth0</u>
	SPEC: ip route add <u>192.168.1.0/24</u> via <u>192.168.0.1</u> dev <u>eth0</u>

IP Forward	IPV4: echo <u>1</u> > /proc/sys/net/ipv4/ip_forward
	IPV6: echo <u>1</u> > /proc/sys/net/ipv6/conf/all/forwarding

Check IP Forward	IPV4: cat /proc/sys/net/ipv4/ip_forward
	IPV6: cat /proc/sys/net/ipv6/conf/all/forwarding

NAT	iptables -t nat -A POSTROUTING -o <u>eth0</u> -j MASQUERADE (internet) iptables -A FORWARD -i <u>eth1</u> -j ACCEPT (lan 1) iptables -A FORWARD -i <u>ethX</u> -j ACCEPT (lan X)
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Config Permanente

IP & Gateway: Editare /etc/network/interfaces

DHCP	auto <u>eth0</u> allow-hotplug <u>eth0</u> iface <u>eth0</u> inet dhcp
STATIC IP	auto <u>eth0</u> iface <u>eth0</u> inet static address <u>192.168.0.3</u> netmask <u>255.255.255.0</u> gateway <u>192.168.0.1</u> (GEN GW) post-up ip route add <u>192.168.1.0/24</u> via <u>192.168.0.1</u> dev <u>eth0</u> (SPEC GW)

IP Forward: Editare /etc/sysctl.conf

IP Forward	IPV4: decommentare <u>net.ipv4.ip_forward=1</u>
	IPV6: decommentare <u>net.ipv6.conf.all.forwarding=1</u>

Nat: Salvare le regole

NAT	SAVE: iptables-save > <u>file</u>
	LOAD: iptables-restore < <u>file</u>

Riavvio interfacce

service networking restart