

2.9. Switch between WAN and PPP

Switching between WAN and PPP. PPP connection is active, if PING on the defined IP address does not pass through.

Startup Script

```
WAN_PING=192.168.2.1
WAN_GATEWAY=192.168.2.1
WAN_DNS=192.168.2.1

./etc/settings.eth

/sbin/route add $WAN_PING gw $WAN_GATEWAY
/sbin/iptables -t nat -A PREROUTING -i eth1 -j napt
/sbin/iptables -t nat -A POSTROUTING -o eth1 -p ! esp -j MASQUERADE

LAST=1
while true
do
  ping -c 1 $WAN_PING
  PING=$?
  if [ $PING != $LAST ]; then
    LAST=$PING
    if [ $PING = 0 ]; then
      /etc/init.d/ppp stop
      sleep 3
      /sbin/route add default gw $WAN_GATEWAY
      echo "nameserver $WAN_DNS" > /etc/resolv.conf
      /usr/sbin/conntrack -F
      /etc/scripts/ip-up --- $ETH2_IPADDR
    else
      /etc/scripts/ip-down --- $ETH2_IPADDR
      /usr/sbin/conntrack -F
      /sbin/route del default gw $WAN_GATEWAY
      /etc/init.d/ppp start
    fi
  fi
  sleep 1
done
```