Contents

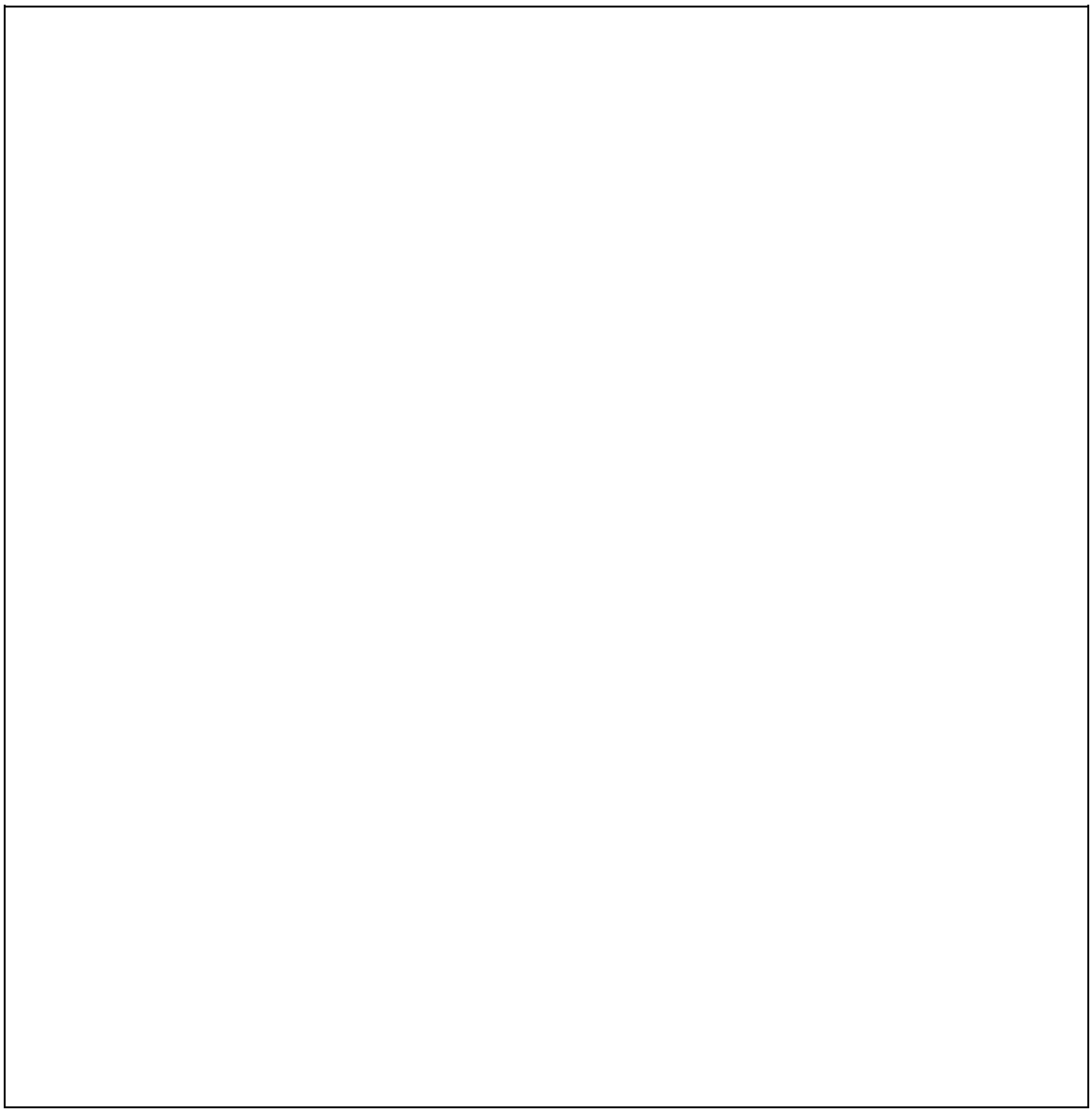
Introduction

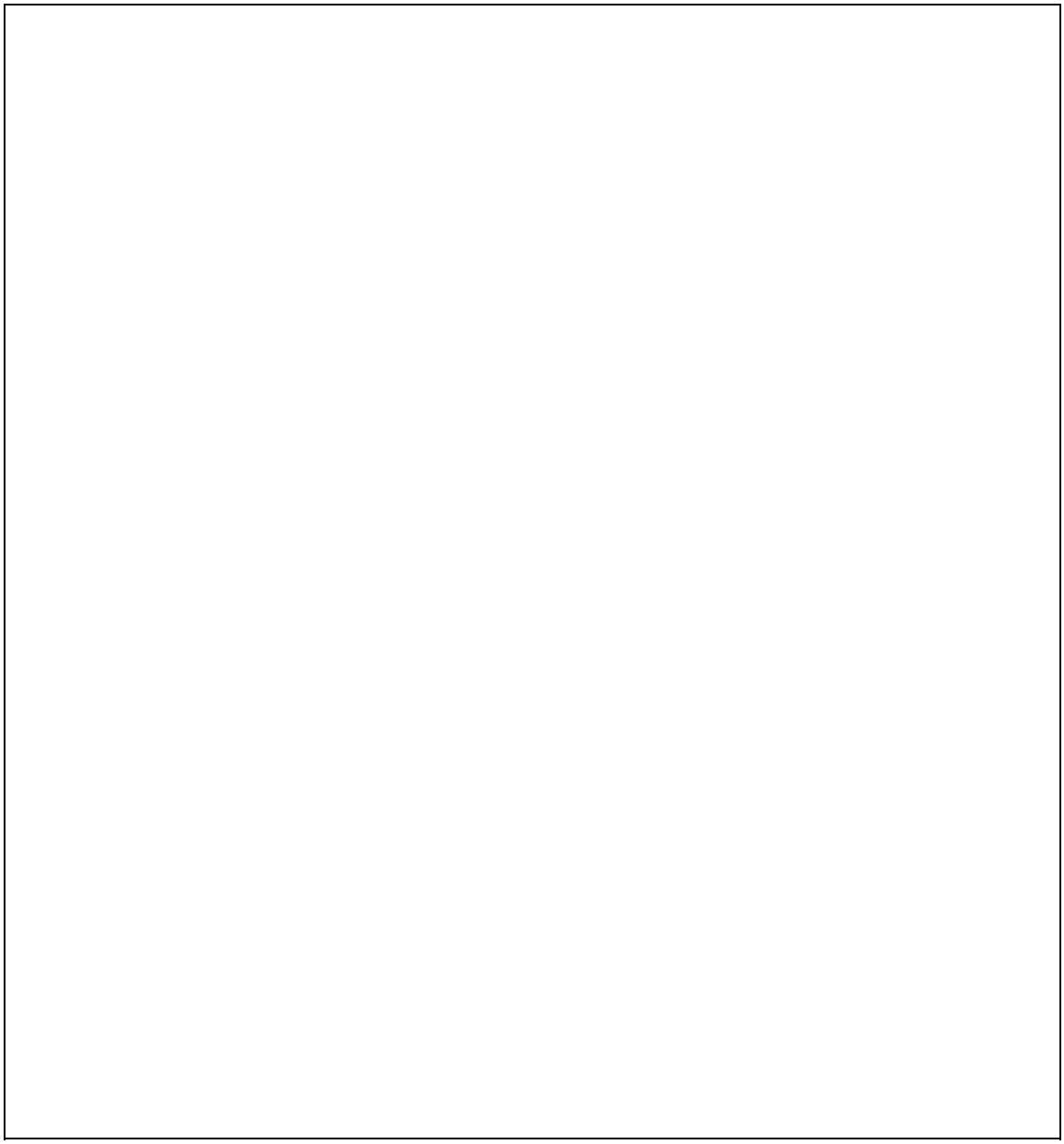
This is a 'light' version of Separate_LAN_and_WLAN, so if more detail is needed, refer there.

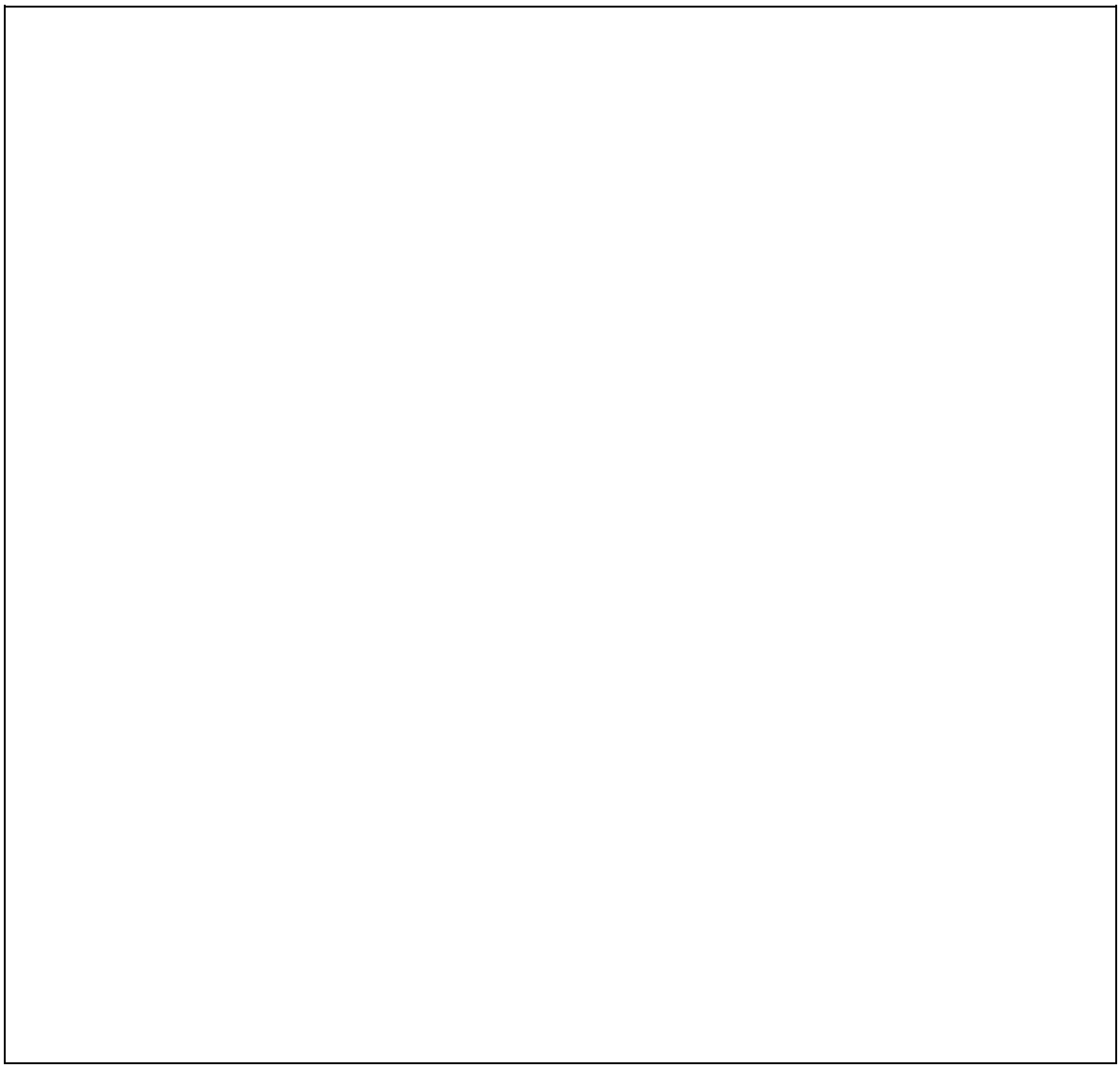
Device used

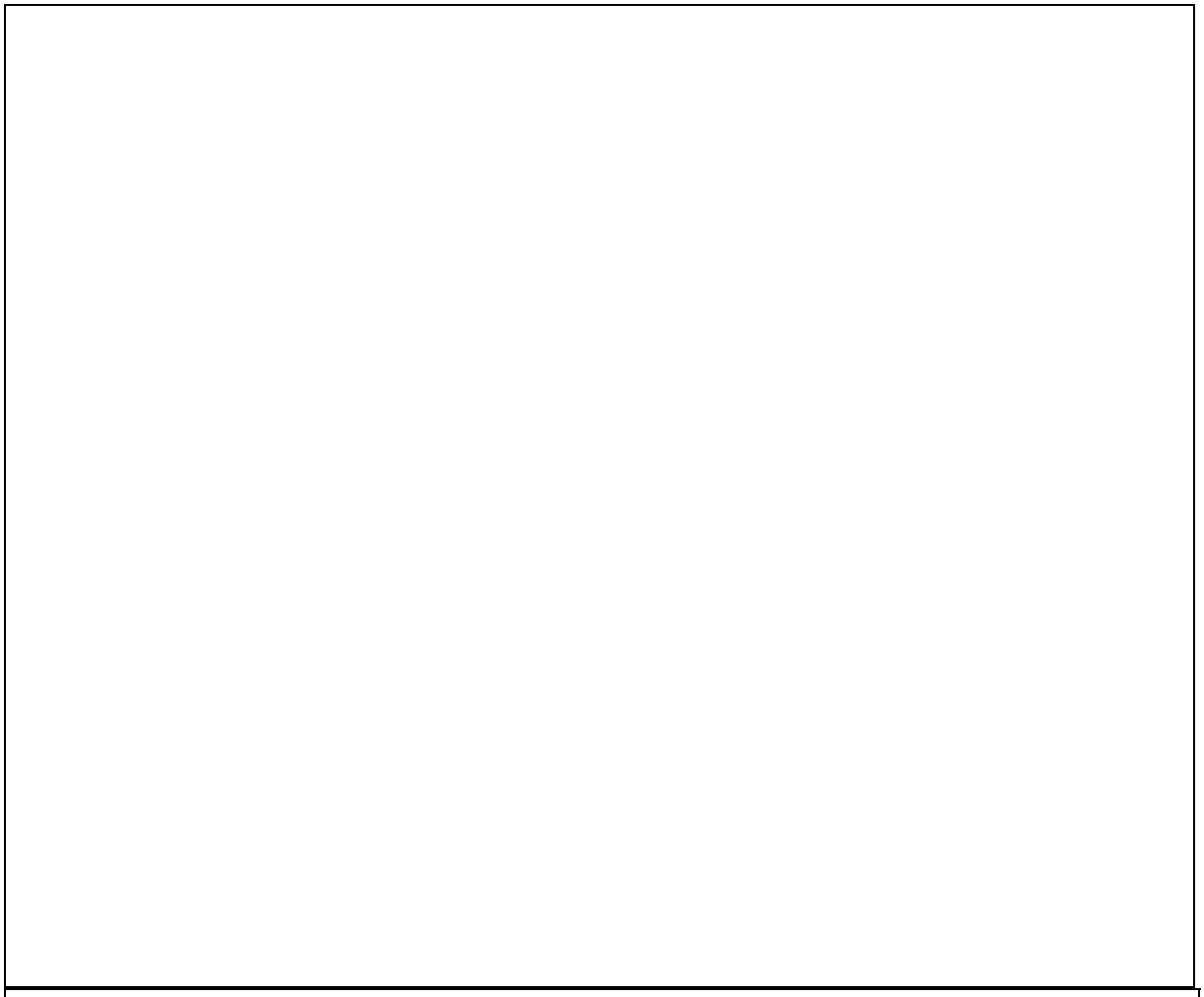
Buffalo WHR-HP-G300N (Atheros device: some menus may vary on Broadcom), build 27506 (07/09/15) std

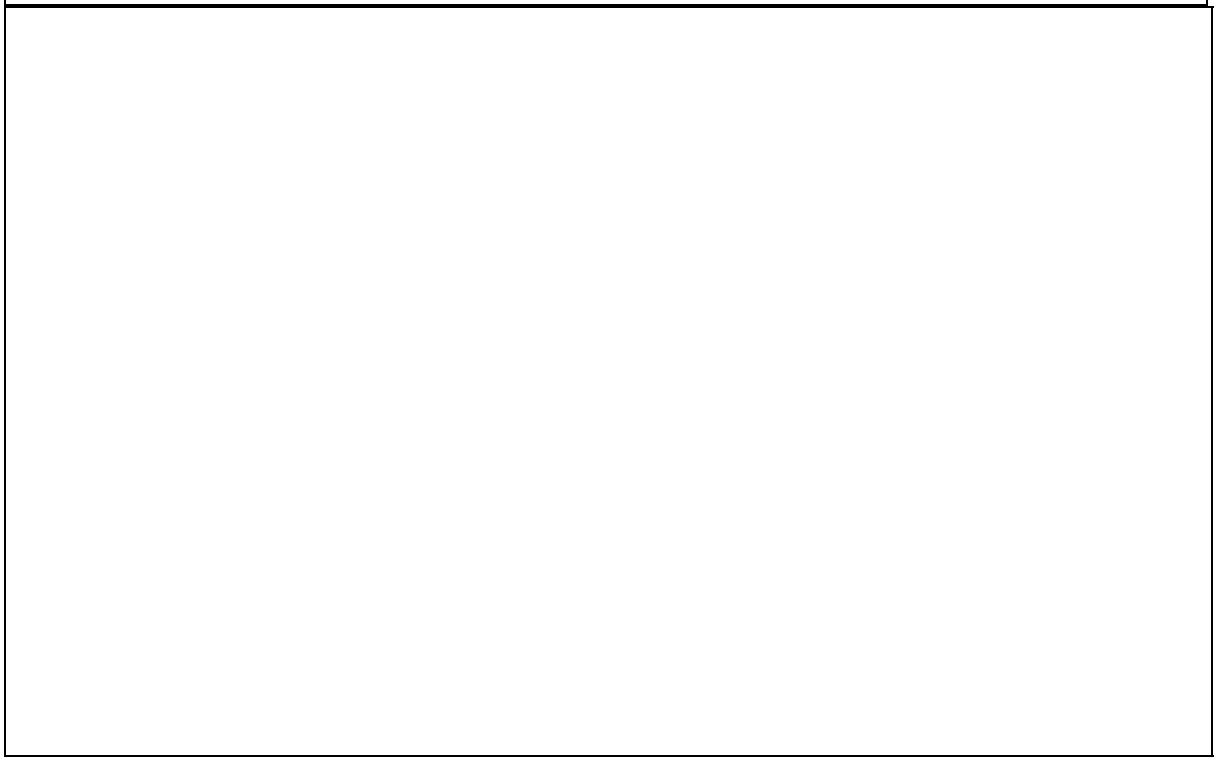
Screenshots











Firewall Script

Finally, copy and paste this to the *Admin->Commands* section, then click *Save Firewall*:

```
#Allow guest bridge access to Internet
 iptables -I FORWARD -i br1 -m state --state NEW -j ACCEPT
 iptables -I FORWARD -p tcp --tcp-flags SYN,RST SYN -j TCPMSS --clamp-mss-to-pmtu
#Allow br0 (LAN) access to br1 (WLAN)
iptables -I FORWARD -i br0 -o br1 -m state --state NEW -j ACCEPT
#Block access from br1 (WIRELESS) to br0 (LAN)
iptables -I FORWARD -i br1 -o br0 -m state --state NEW -j DROP
#NAT to make Internet work
 iptables -t nat -I POSTROUTING -o br0 -j SNAT --to `nvram get lan_ipaddr`
#Enable NAT on the WAN port to correct a bug in builds over 17000
iptables -t nat -I POSTROUTING -o `get_wanface` -j SNAT --to `nvram get wan_ipaddr`
#Deny access to local router services from Guest (240.x br1) network
iptables -I INPUT -i br1 -p tcp --dport telnet -j REJECT --reject-with tcp-reset
iptables -I INPUT -i br1 -p tcp --dport ssh -j REJECT --reject-with tcp-reset
#iptables -I INPUT -i br1 -p tcp --dport www -j REJECT --reject-with tcp-reset
iptables -I INPUT -i br1 -p tcp --dport https -j REJECT --reject-with tcp-reset
```

References & Credits

- Separate_LAN_and_WLAN - The existing guide
- V24: WLAN separate from LAN, with independent DHCP - A similar guide, updated for build v24
- WLAN separate from LAN, with independent dhcp, etc - Command line method (old)
- Multiple WLANs - For unbridging virtual wireless interfaces