

WRT54G WRT54G Serial # Hardware Version Serial # Hardware Version Operations Serial # Hardware Version Version Serial # Hardware Version Operations Serial # Hardware Version Operations Serial # Hardware Version Operations Serial # Mardware Version Operations Serial # Version Operations Operations Serial # Operations Serial <







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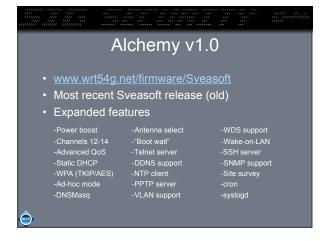
HyperWRT v2.0 • http://www.hyperwrt.org • Closely resembles official Linksys firmware • Few expanded features • Power boost - Antenna select • Channels 12 & 13 - "Boot wait" • Telnet daemon/shell - Startup & firewall scripts • Reboot button - Startup & firewall scripts • More port forwarding/triggering • More QoS options - More access restriction options

HyperWRT v2.0
 Supported hardware versions lacking

 WRT54G
 Versions 1, 1.1, 2, 2.2, 3
 WRT54GS
 Versions 1, 1.1, 2

 Flashing is done via the web interface
 [Demo – Flashing a WRT]





Alchemy v1.0 • Supported hardware versions lacking – WRT54G • Versions 1, 1.1, 2, 2.2, 3, 3.1 – WRT54GS • Versions 1, 1.1, 2 • Flashing is done via the web interface • [Demo]





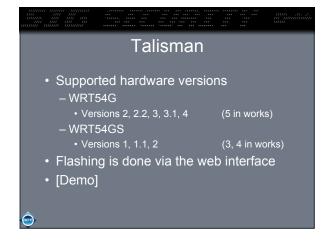
DD-WRT				
Expanded features				
-Power boost -Progressive port forw -Telnet daemon -Static DHCP -WPA2 support -NTP client -Remote syslog -JFFS2 support -Chilispot	-SSH server -DDNS support -Client bridge mode -Site survey -Wake-on-LAN	-Boot flash -Advanced QoS -Startup/FW script -WPA (TKIP/AES) -WLAN client isol. -SNMP -Samba client -WDS support upport		
-Antenna selection -PPTP client & server -DNSMasq support	-Ad-hoc mode	-Reboot scheduler -IPKG support -Other cool stuff!		

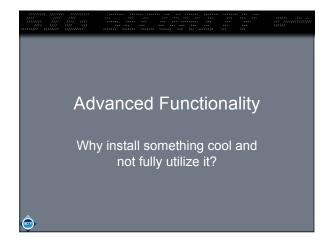




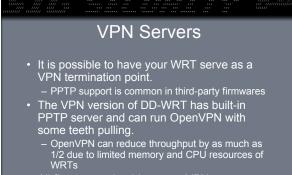


Talisman			
 Expanded feat 	ures		
-Power boost	-Channels 12-14	-Boot flash	
-Progressive port forwa	00 0	-Advanced QoS	
-Telnet daemon -Static DHCP	-SSH server	-Startup/FW script -WPA (TKIP/AES)	
-WPA2 support	-DDNS support -Client bridge mode	-WEA (TRIF/AES)	
-NTP client	-Site survey	-SNMP	
-Remote syslog	-Wake-on-LAN	-Samba client	
-JFFS2 support	-AP watchdog	-WDS support	
-Chilispot	-SD Card support -IPv6 support		
-Antenna selection	-Ad-hoc mode	-Reboot scheduler	
-PPTP client & server	-cron	-IPKG support	
-DNSMasq support	-VLAN support	-Other cool stuff!	
-v1.11.devsnap.20060111g has multiple SSIDs & encryption methods			









- All firmwares should support VPN passthrough if you want to run VPN server on a hex inside the private potwork.
- box inside the private network.

VLANs

- VLAN support is common in many third-party firmwares
- VLANs are virtual local area networks
- A router/switch puts a tag on traffic indicating which VLAN it belongs to
- Others routers/switches treat this traffic according to its assigned VLAN
- You can even police VLAN traffic differently at firewalls
- In WRTs, VLANs are nice to separate traffic by wireless entry or physical port

Wardriving with Your WRT

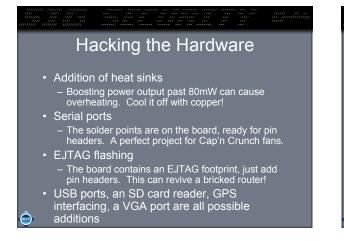
- Some firmwares can run kismet_drone, which you can connect to through the network and use for wardriving.
- See me personally for other details (because it's 6:20pm and this presentation isn't done yet)

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Hardware Hacks

Not for the weak of stomach (or shaky of hand)...

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WRT Autopsy

• We are gathered here today to celebrate the life of a bricked WRT. May it rest in peace in the future...but right now, let's cut it open and locate its vital organs!



