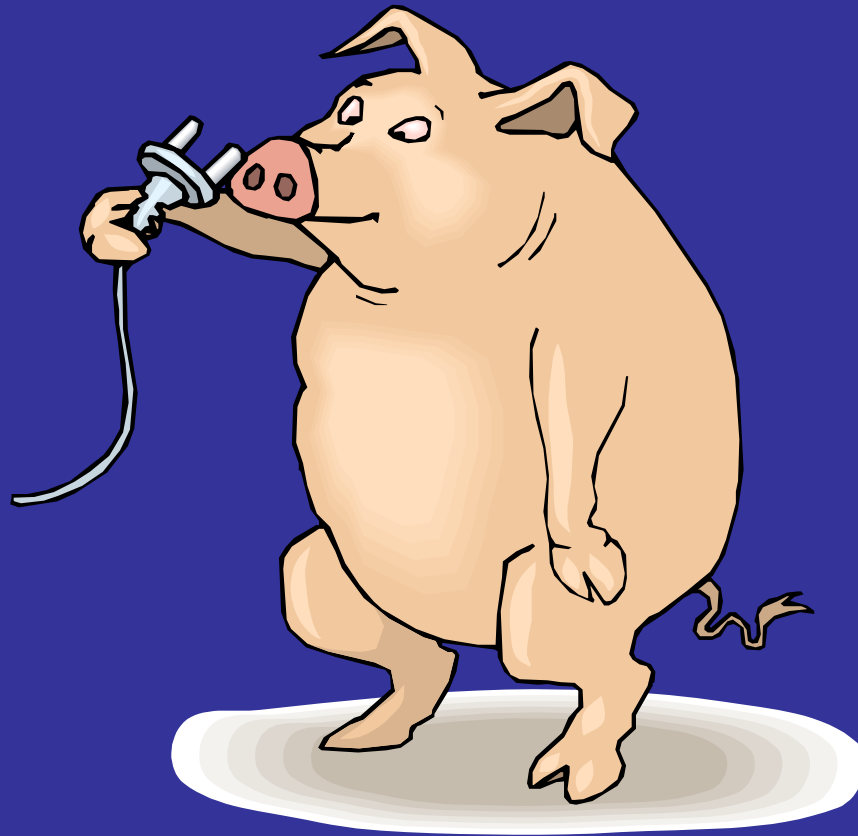




Hello CQ...CQ...CQ





VillageTelco

How Did It Come About

Initiative to build a low-cost phone net that is easy to set up especially to meet the needs for service in developing countries.

In some parts of Africa a person can spend in excess of 50% of disposable daily income on mobile service which is not realistic.

Village Telco

- A fairly unique wireless phone system!!
- Mesh Potato – whats in a name and how did it happen??

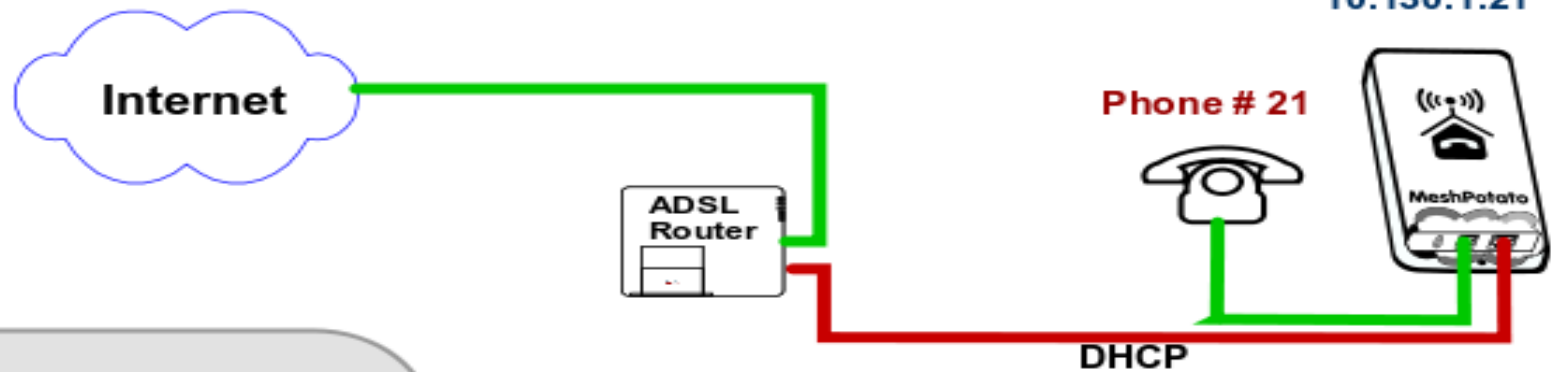
POTs Plain Old Telephone system

+ ATA - Analog Telephone Adapter

= POTATA which is Spanish for potato!!

M(esh) P(otato) 2



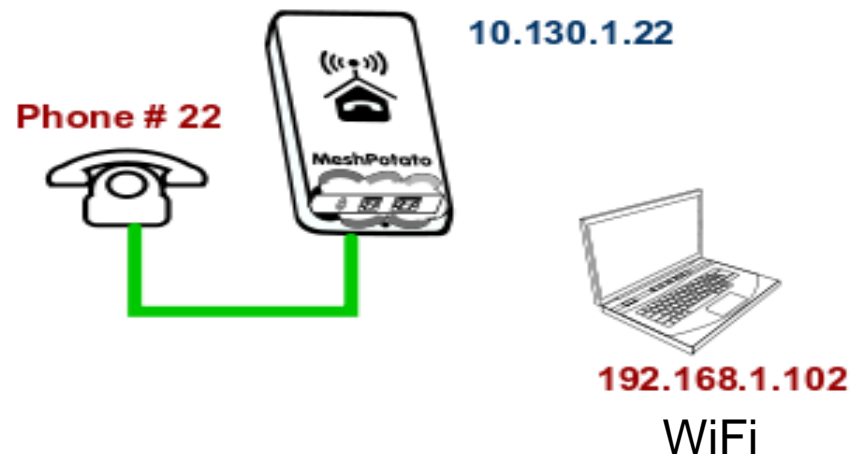


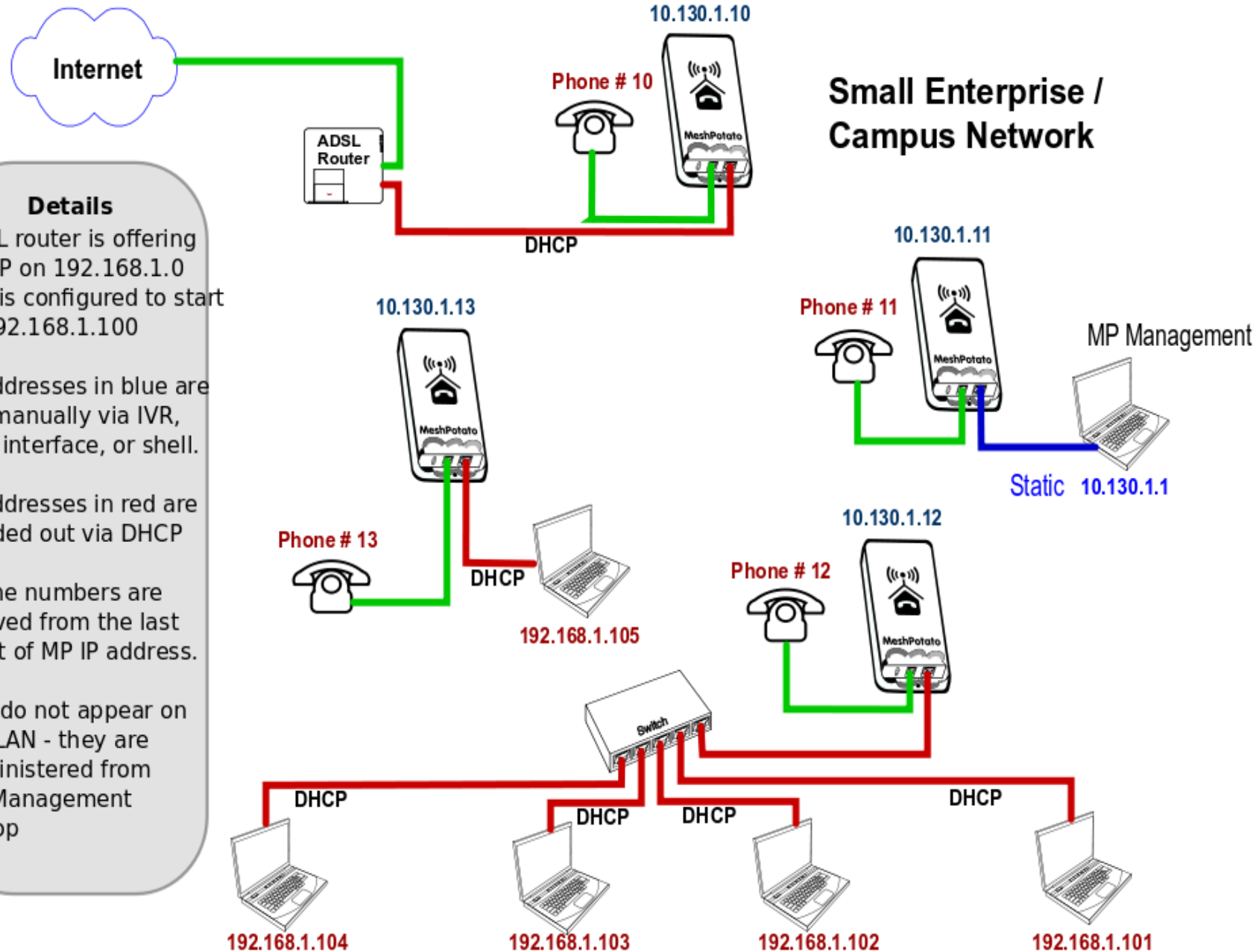
ADSL router is offering DHCP on 192.168.1.0 and is configured to start at 192.168.1.100

IP addresses in blue are set manually via IVR, web interface, or shell.

IP addresses in red are handed out via DHCP

Phone numbers are derived from the last octet of MP IP address.





Details

ADSL router is offering DHCP on 192.168.1.0 and is configured to start at 192.168.1.100

IP addresses in blue are set manually via IVR, web interface, or shell.

IP addresses in red are handed out via DHCP

Phone numbers are derived from the last octet of MP IP address.

MPs do not appear on the LAN - they are administered from MP Management laptop



Telco Emergency Use


- Used in a Wildfire Exercise in Maine
- Participants spread over a large area
- MeshPotato phone system used to allow communications with a number of users



PLANNING

CHECK IN





*Operated by
Waldo County
EMCOMM / ARES
RACES / CERT*



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