

INTRODUCTION TO INTERNET NETWORKING

UNDERSTANDING INTERNET NETWORKING FOR RADIO AMATEURS 101

Bob Wisdom VK4YA

AMATEUR RADIO AND THE INTERNET

- From the mid 1990's the use of the Internet has now grown to be integrated into many of our daily lives. Amateur radio has grown with it, and many amateurs use it as part of their everyday hobby activities.
- The widespread Internet availability provides consumers a 'plug-in and play' solution.
 - But for their own hobby use, Amateurs often need to push the boundaries of what a normal consumer would need to know.
- By sharing knowledge, configuration settings and by copying / asking others , many have overcome these project barriers for specific project solutions.
- But: Only partial understanding and multiple opinions can lead to uncertainty, **confusion, frustration and misdirection**: also, what is actually learned?
- As the internet use in the hobby is increasing, might this be the right time for those interested to invest in building a stronger foundation of understanding?

WHAT'S ON OFFER

- A 30 minute presentation on Internet Protocol Version 4 (IPv4)
 - Learning terminology, addressing, routing and how ISP's work
- A demonstration of networking tools already on your home PC
 - Plus some additional useful tools and applications
- How to figure out more about your home network, and your Internet Service Provider (ISP)
- Further future optional sessions with a similar format and practicals covering:-
 - Port Forwarding , UPNP
 - WiFi, WiFi 6
 - Firewalls and attack vectors
 - Other Protocols including ICMP and RTP
 - Virtual Private Networks (VPN's)
 - Internet Protocol Version 6
 - The Amateur Radio Digital Communications 44Net

UNDERSTANDING INTERNET NETWORKING FOR RADIO AMATEURS 101

WHERE: AT OUR CLUBHOUSE

WHEN: FRIDAY 7th JUNE, 10 AM (9:30 ARRIVE)

ARE YOU ARE INTERESTED IN ATTENDING ?

RSVP: MAX 10 PEOPLE

Email: secretary@bdars.org.au

Bob Wisdom VK4YA