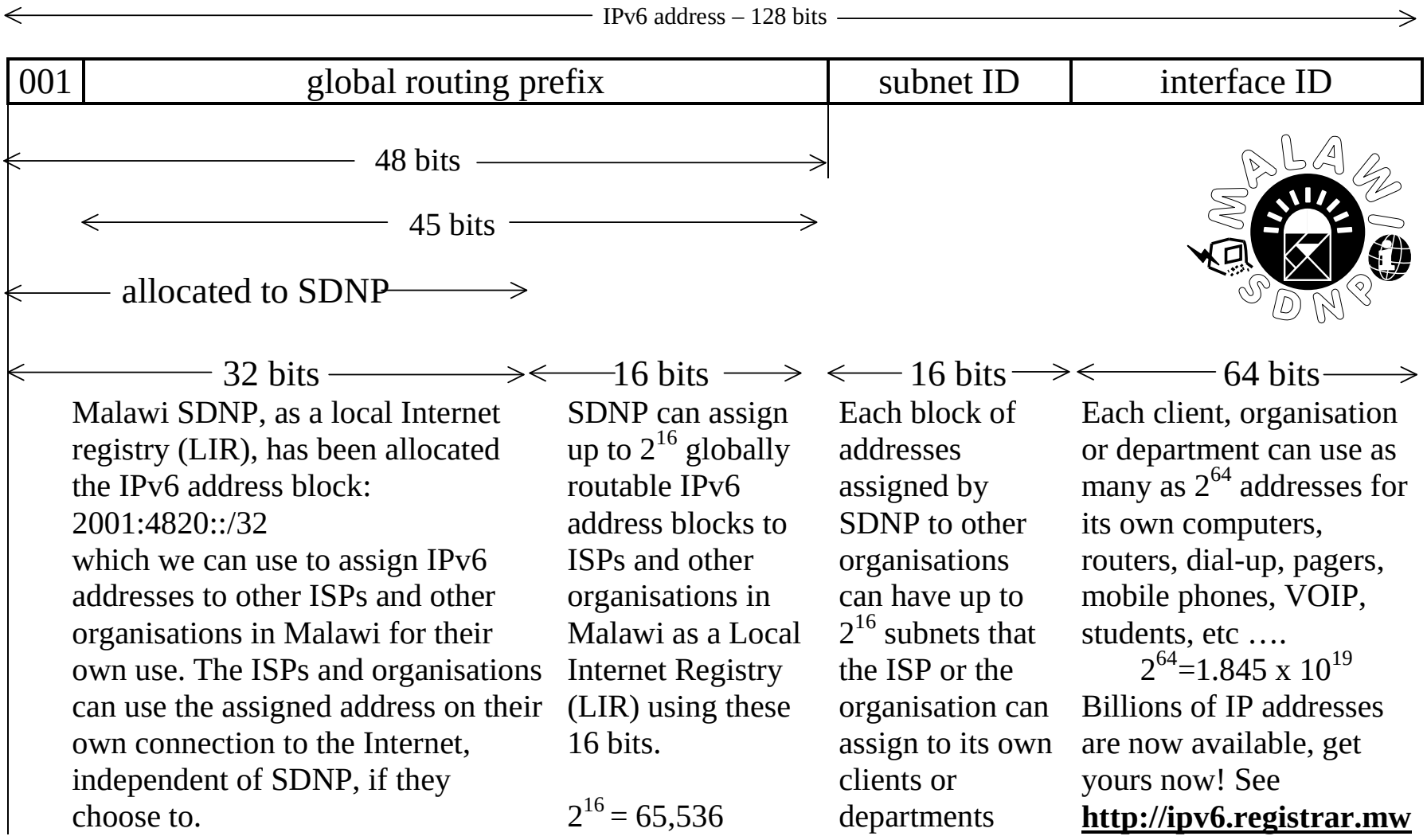
MALAWI SDNP: IPv6 for Malawi – billions of IP addresses – available now



Malawi SDNP, as a local Internet registry (LIR), has been allocated the IPv6 address block:
2001:4820::/32
which we can use to assign IPv6 addresses to other ISPs and other organisations in Malawi for their own use. The ISPs and organisations can use the assigned address on their own connection to the Internet, independent of SDNP, if they choose to.

SDNP can assign up to 2^{16} globally routable IPv6 address blocks to ISPs and other organisations in Malawi as a Local Internet Registry (LIR) using these 16 bits.

$2^{16} = 65{,}536$

Each block of addresses assigned by SDNP to other organisations can have up to 2^{16} subnets that the ISP or the organisation can assign to its own clients or departments

Each client, organisation or department can use as many as 2^{64} addresses for its own computers, routers, dial-up, pagers, mobile phones, VOIP, students, etc ….

$2^{64} = 1.845 \times 10^{19}$

Billions of IP addresses are now available, get yours now! See **http://ipv6.registrar.mw**

Malawi SDNP – advancing the future of the Internet in Malawi – & yours too!

Malawi SDNP is a UNDP supported Malawi Government Programme executed under the Office of President and Cabinet to assist with development of **Internet and information services** in Malawi with emphasis on sustainable development.

March 2005