

# DiffServ

## Differentiated Services (DiffServ)

From the IETF's Differentiated Services (DiffServ) Work Group's site:

The differentiated services approach to providing quality of service in networks employs a small, well-defined set of building blocks from which a variety of aggregate behaviors may be built. A small bit-pattern in each packet, in the IPv4 TOS octet or the IPv6 Traffic Class octet, is used to mark a packet to receive a particular forwarding treatment, or per-hop behavior, at each network node.

Examples of DiffServ-based services include the [Premium IP](#) and "[Less-than Best Effort](#)" (LBE) services available on GEANT/GN2 and some NRENs.

## References

- [DiffServ Charter](#) for more information, RFCs etc

– Main.TobyRodwell - 28 Feb 2005

-- Main.SimonLeinen - 15 Jul 2005