

## 2.1 Routing Technologies

RIPv1 and IGRP doesn't support VLSM

OSPF uses Dijkstra's Algo

### Routing Headers

RIP	Route Tag
BGP	Communities, Extended Communities   It is mainly focused on Path Attributes
OSPF	LSA
EIGRP	TLV(Type Length Value)

**Rate Limiting**- Setting restrictions for sending systems

DiffServ, CoS- Integrating Network Devices

If there is no protocol, routing is defined using <b>Admin Distance</b>	Incase subnet is same
If there is no protocol, Using <b>Longest Prefix length</b>	Varying subnet
Protocol exists and same protocol, then	<b>Metrics</b>

`route` and `ip` are for routing

VPN Headend - Remote Router

