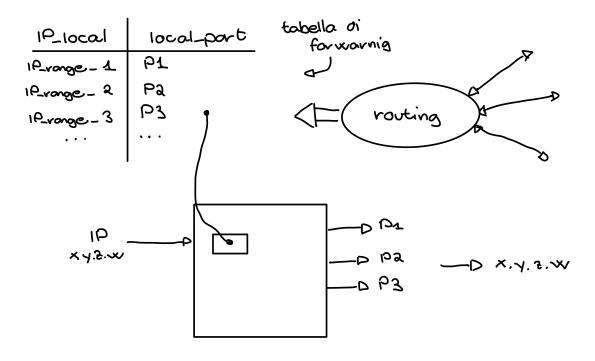
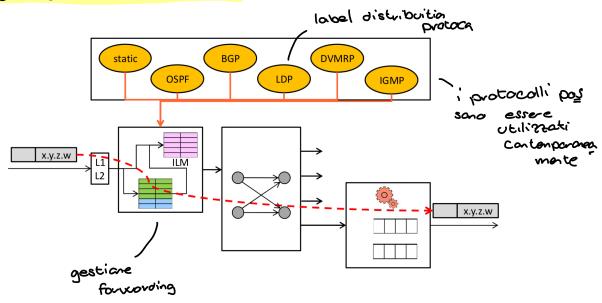
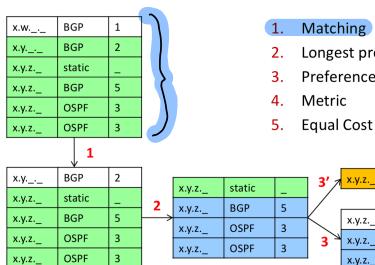
-D Router Ideale



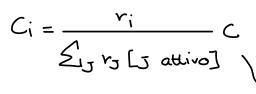
-D Un router meno ideale



-D II processo di forvioroing



Gestione delle code di uscita



Date n classi di traffico con quota r; i=1,...,n la capacità c del link si divide in quote

Matching

- Longest prefix
- Preference (e.g. static)
- **Equal Cost Multipath**

x.y.z._

x.y.z._

x.y.z._

D partizione del link con algoritmi di fair queving.

static

BGP

OSPF

OSPF

OSPF

OSPF

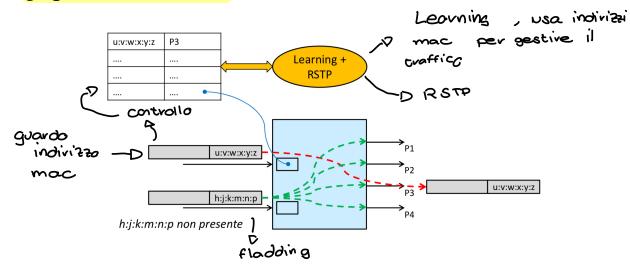
5

3

3

3

-D Una switch ideale



-D Switching moderno: TRILL

- · Transporent Interconnection of Lots of Links
- RFC 6325,6326 et al.
- · Topologia distribuita mediante 16-15
- · Equal Cost Mulbipath mediante hashing dell'header incapsulato.
- · Soluziani al ternativa: IE13802. Lag Shortest Path Bridging.

-D Middle boxes e Server

- · Ulteriori funzioni necessarie per l'infrastruttura di vette
 - Load Balancer
 - Firewall, anti-DDos 3 middle boxes

 - Nat IVPN
 - Server
 - Autenticazione (Radius)
 - DHCP
 - DNS
 - CDN