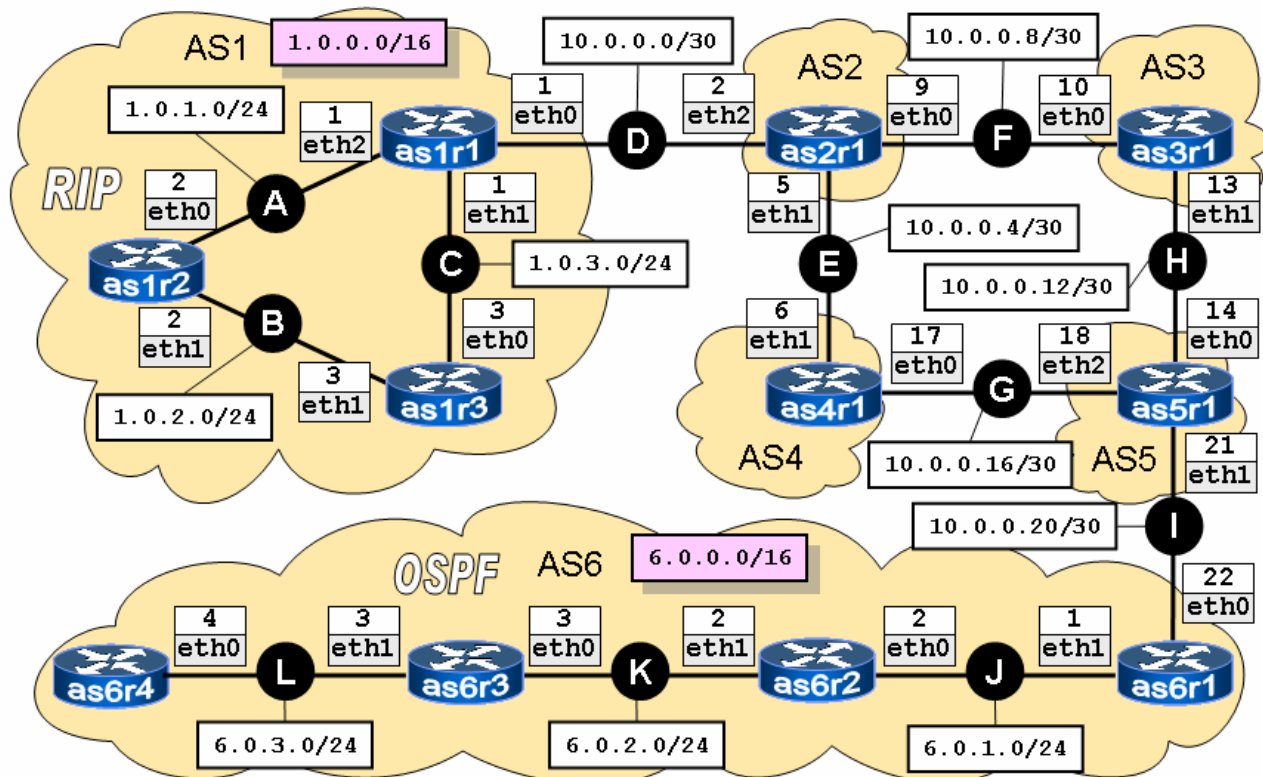


IRC – Prova intermedia del 13-12-2019 – “CICLO”

Regole del gioco: 1) Indicare su questo foglio cognome, nome e numero di matricola e il PC usato. 2) Si può accedere a tutto il materiale del corso. 3) Non si può interagire in alcun modo con altri. Se ciò dovesse avvenire sarebbe considerato un fatto gravissimo.



Using Kathará, implement the network depicted in the above figure and described below.

- ☐ AS1, marked with RIP, runs RIPv2 in all its internal interfaces (redistributing all connected LANs).
- ☐ AS6, marked with OSPF, runs OSPF (a single backbone area 0.0.0.0) in all internal interfaces, redistributing all connected LANs.
- ☐ All ASes announce in BGP the /30 networks they are adjacent to. AS1 also announces the aggregate 1.0.0.0/16 (but not the more specific prefixes of it). AS6 also announces the aggregate 6.0.0.0/16 (but not the more specific prefixes of it).
- ☐ No router has the default route. No RIPv2 or OSPF packet is sent between routers of different ASes. Routers outside AS1 and outside AS6 do not know the more specific prefixes of 1.0.0.0/16 and 6.0.0.0/16, respectively.

Goals:

- All routers can ping each other.

Submitting procedure:

- Follow the instructions on the submission system available at <http://esame.inf.uniroma3.it/>