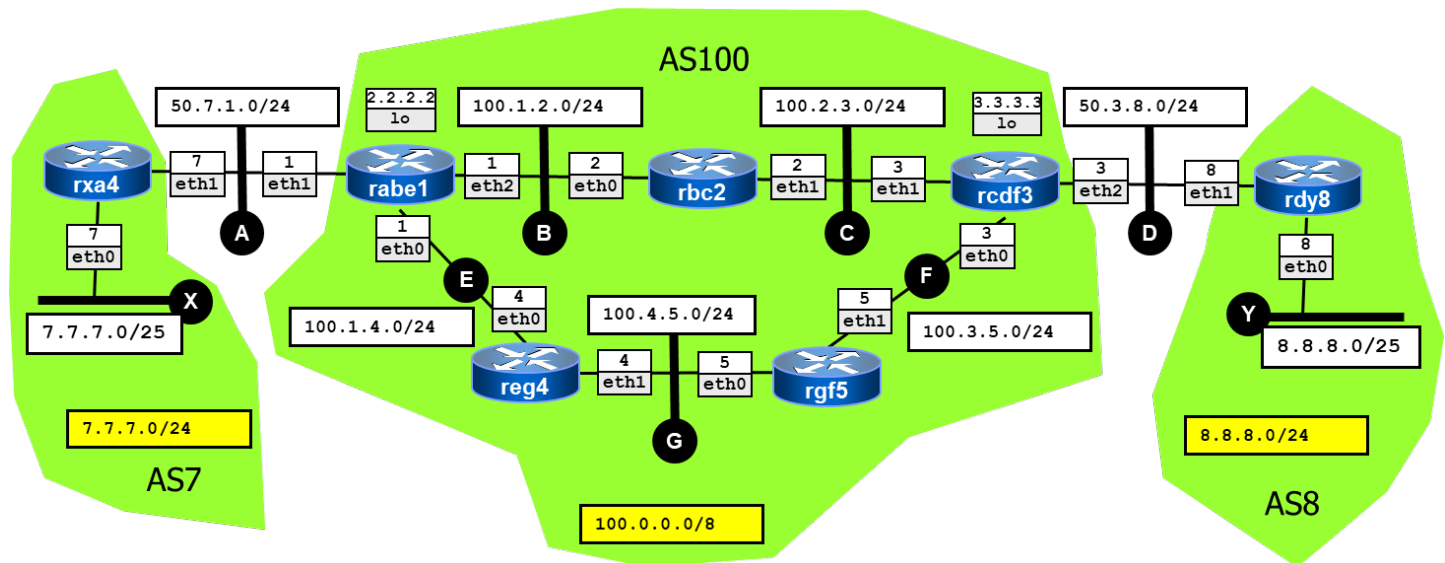


Regole del gioco: 1) Si può accedere a tutto il materiale del corso. 2) Non si può interagire in alcun modo con altri. Se ciò dovesse avvenire sarebbe considerato un fatto gravissimo.



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

- AS100 is a transit autonomous system. It owns the 100.0.0.0/8 prefix (!).
- AS7 and AS8 exploit AS100 to reach each other. They own the 7.7.7.0/24 and the 8.8.8.0/24 prefixes, respectively.

Tasks:

1. Configure the network in such a way that all interfaces are reachable from all routers.
2. Do **not** use the 0/0.
3. The prefixes of the peering LANs can be announced by any of the peers.
4. Do not use tunnels, just redistribute.
5. Use RIP as IGP for AS100.
6. Since FRR redistributes both iBGP and eBGP, use the following pattern of configuration, where appropriate, for RIP:

```
ip prefix-list myNeighbors permit <appropriate-prefix> le 32
route-map eBGP permit 10
  match ip next-hop prefix-list myNeighbors
!
router rip
  network <appropriate-network-or-interface>
  redistribute connected
  redistribute bgp route-map eBGP
```