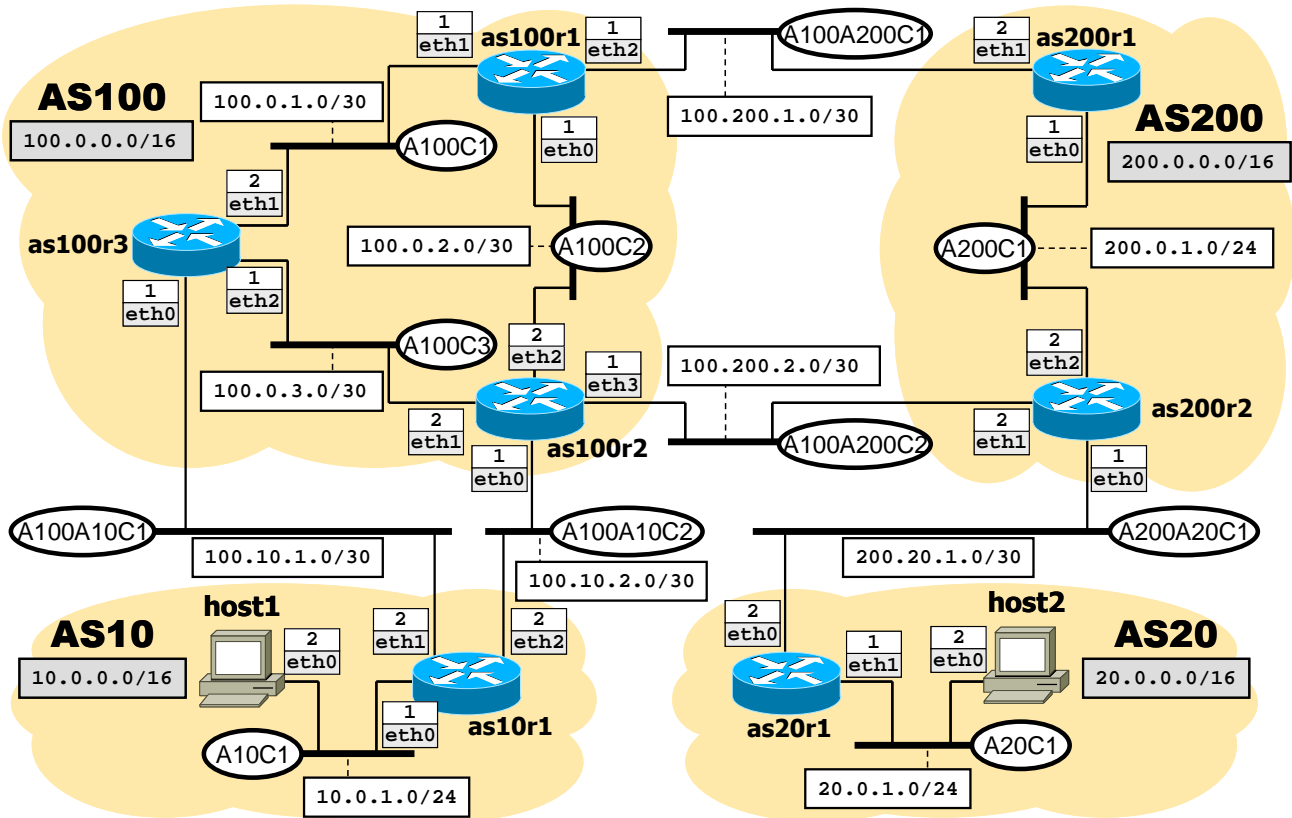


ICN – Examination date: 10-12-2012 – Round 1 – “Sidecar”  
Available time: 100 minutes.



Using Netkit, implement the network depicted in the following figure.



- All the internal networks (in grey) of the ASes must be visible by all BGP routers.
- All the internal networks of the ASes must be reachable from any network nodes.
- Inter-AS peering subnets must be announced in BGP as well.
- No router announces 0/0.
- By altering solely the configuration of **as200r1**, implement the following routing policy:
  - Traffic from **AS200** to **AS100** should favour using link **A100A200C1**.
  - Traffic from **AS100** to **AS200** should favour using link **A100A200C2**.