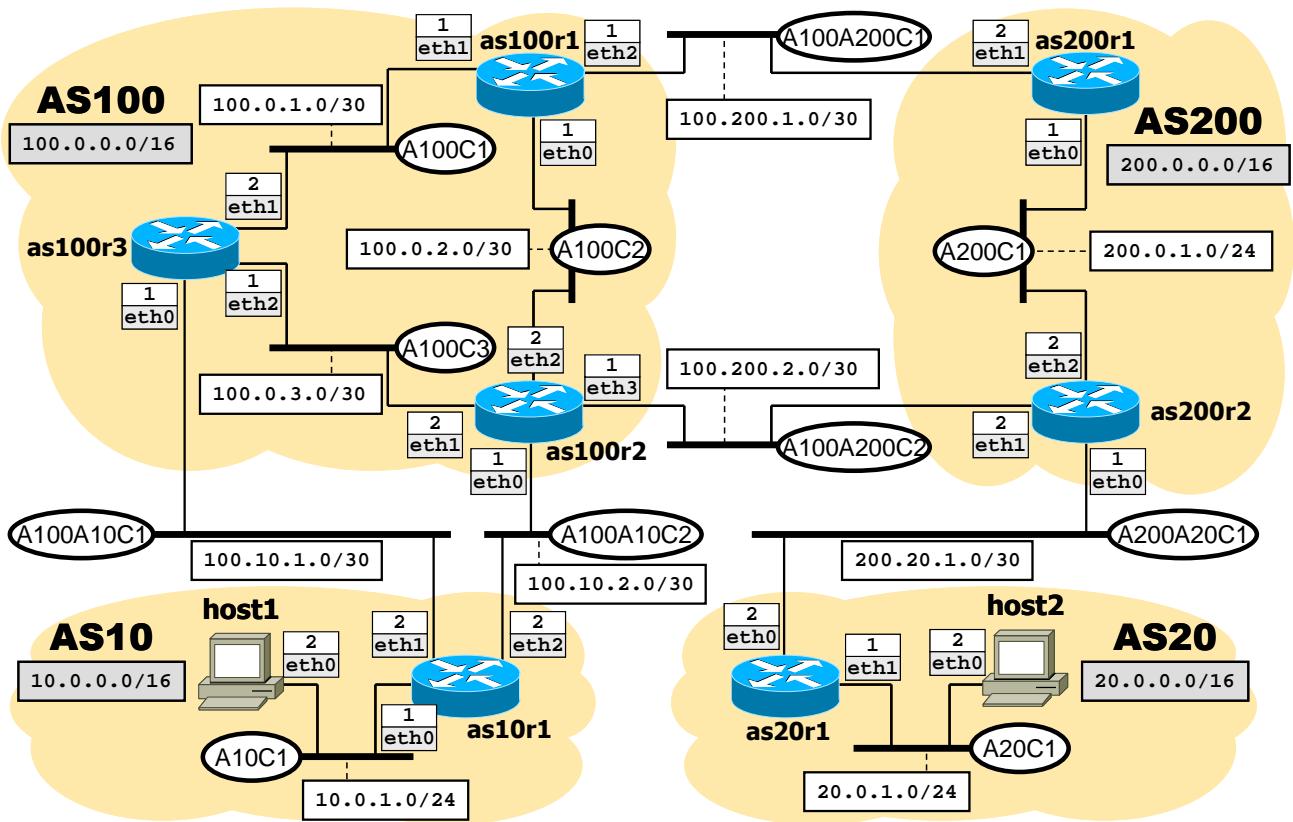




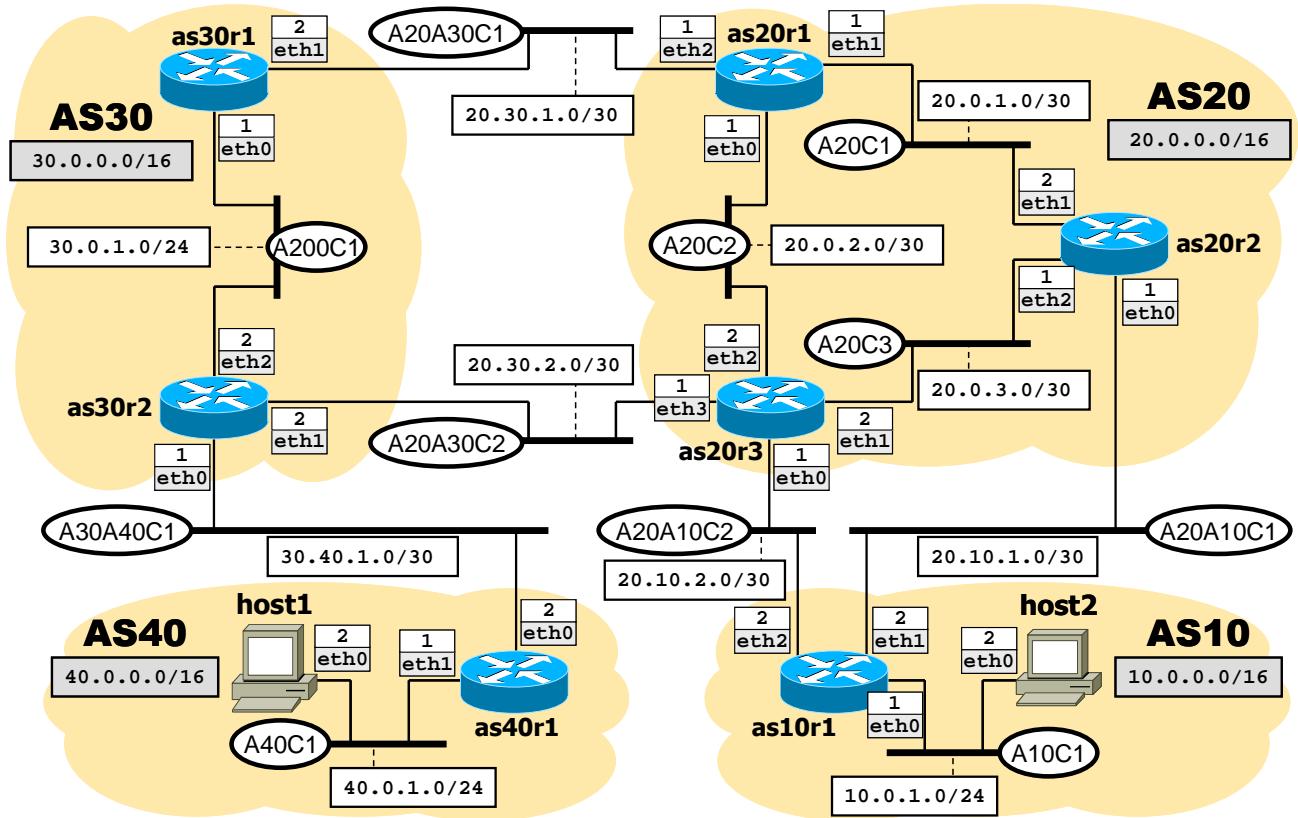
Using Netkit, implement the network depicted in the following figure.



- 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**.

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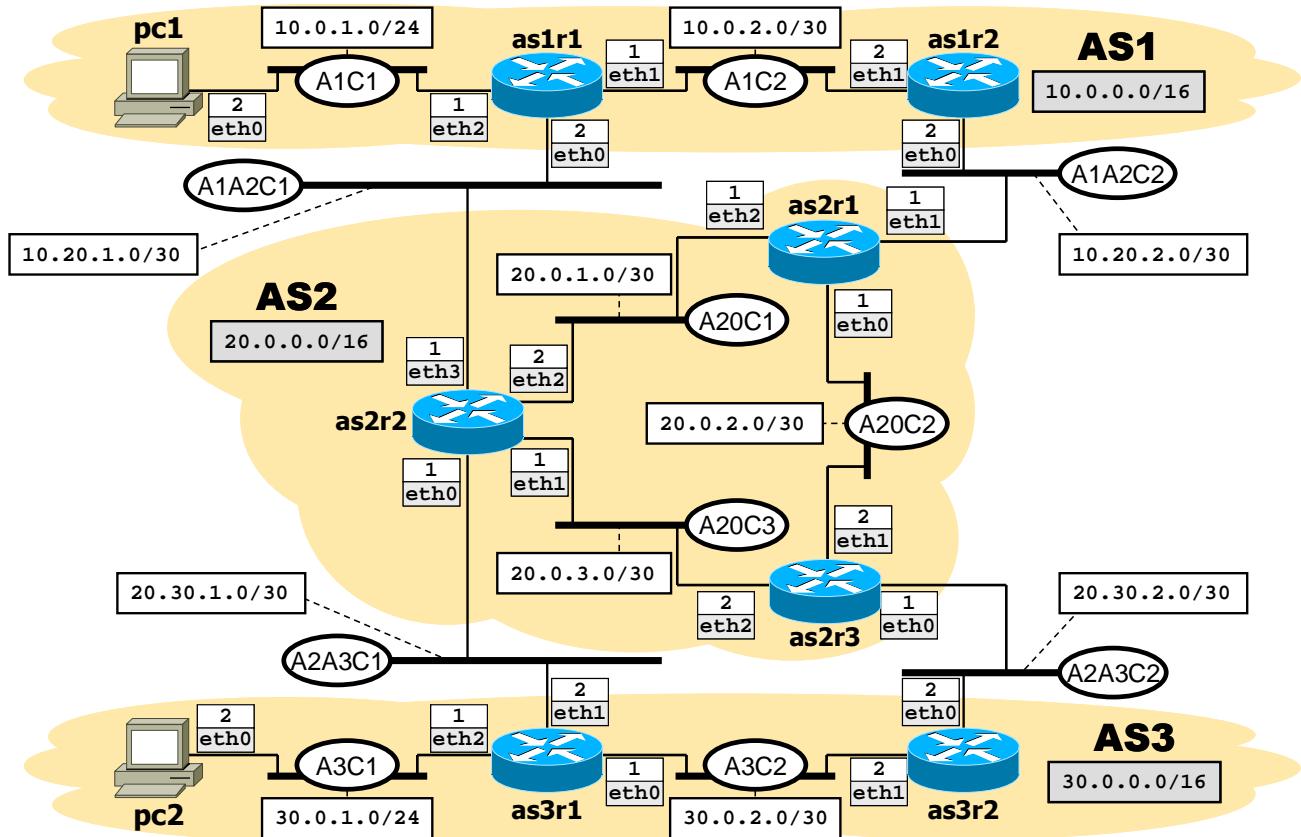
Using Netkit, implement the network depicted in the following figure.



- 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 **as10r1**, implement the following routing policy:
 - Link **A20A10C1** must be set up as a backup of **A20A10C2** for both inbound and outbound traffic.



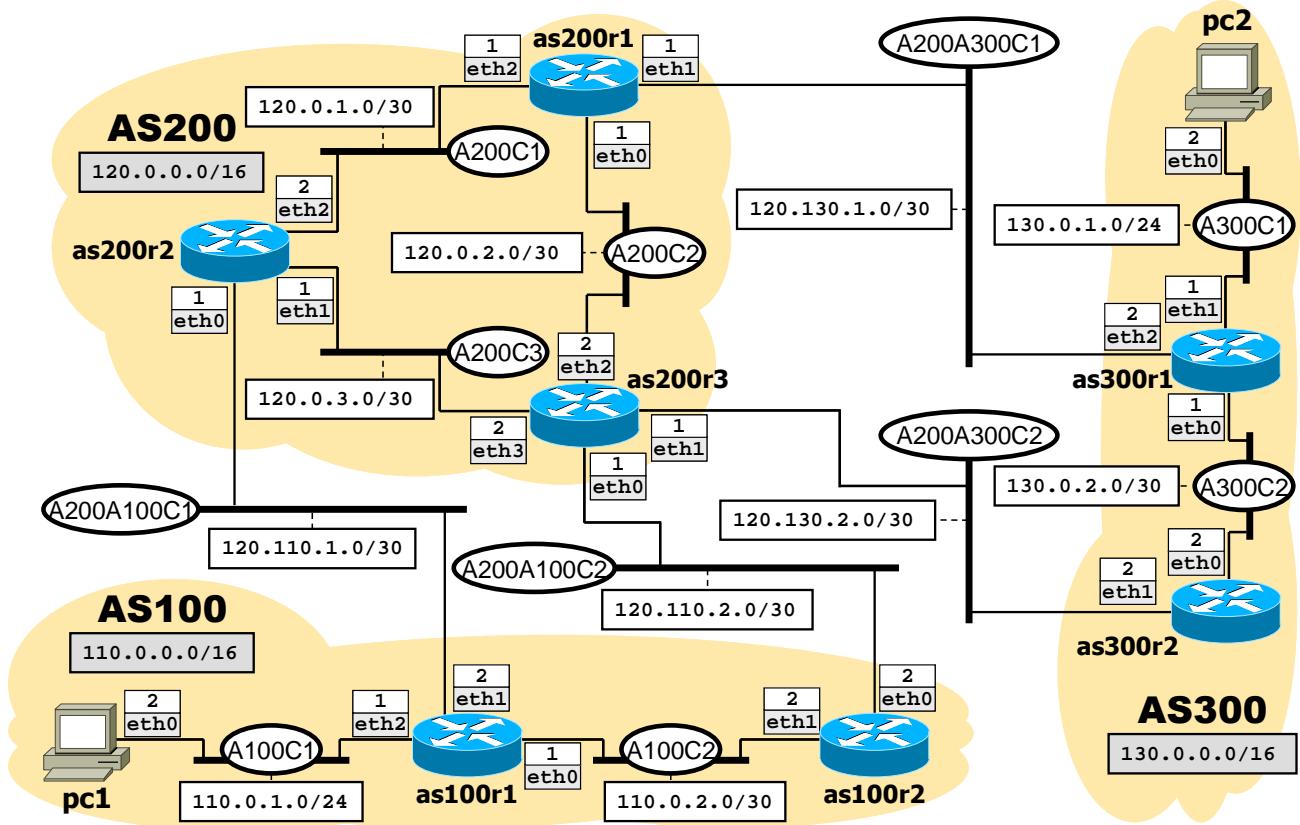
Using Netkit, implement the network depicted in the following figure.



- 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 **as3r2**, implement the following routing policy:
 - Traffic from **AS2** to **AS3** should favour using link **A2A3C2**.
 - Traffic from **AS2** to **AS3** should favour using link **A2A3C1**.



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 **as300r1**, implement the following routing policy:
 - Link **A200A300C1** should be set up as a backup of link **A200A300C2** for both inbound and outbound traffic.