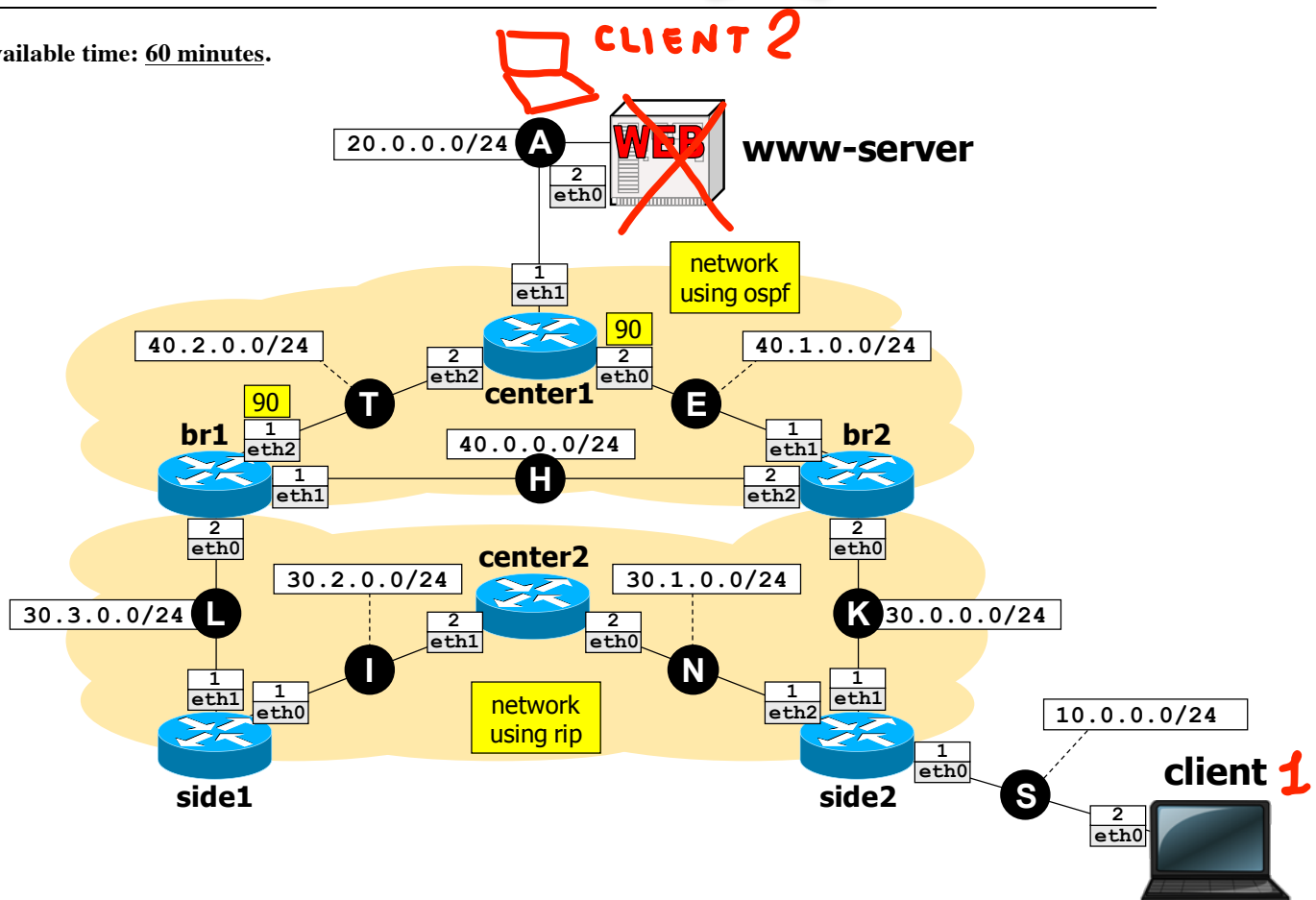


Available time: 60 minutes.



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

- The network consists of two zones (indicated by clouds in the figure) where OSPF and RIP are used as routing protocols, respectively.
- OSPF routers are set up as follows:
 - all OSPF-speaking interfaces belong to area 0.0.0.0.
 - OSPF-speaking interfaces are assigned the specified costs (the default cost is assumed where omitted).
- Routers **br1** and **br2** are placed across the two zones and perform the following operations:
 - on the OSPF side, they both redistribute all routes learned by RIP;
 - on the RIP side, **br2** does not redistribute any routes: instead it statically announces only the default route 0.0.0.0/0;
 - on the RIP side, **br1** does not redistribute any routes: instead it statically announces only route 20.0.0.0/24.
- Node **www-server** runs a Web server implemented using apache, which serves a default Web page available at <http://20.0.0.2/>.

Goal: Node **client** must be able to access the Web page available at <http://20.0.0.2/>. Moreover, verify that the routing path computed from **client** to **www-server** uses links **L** and **H**, and the path from **www-server** to **client** uses link **T**.