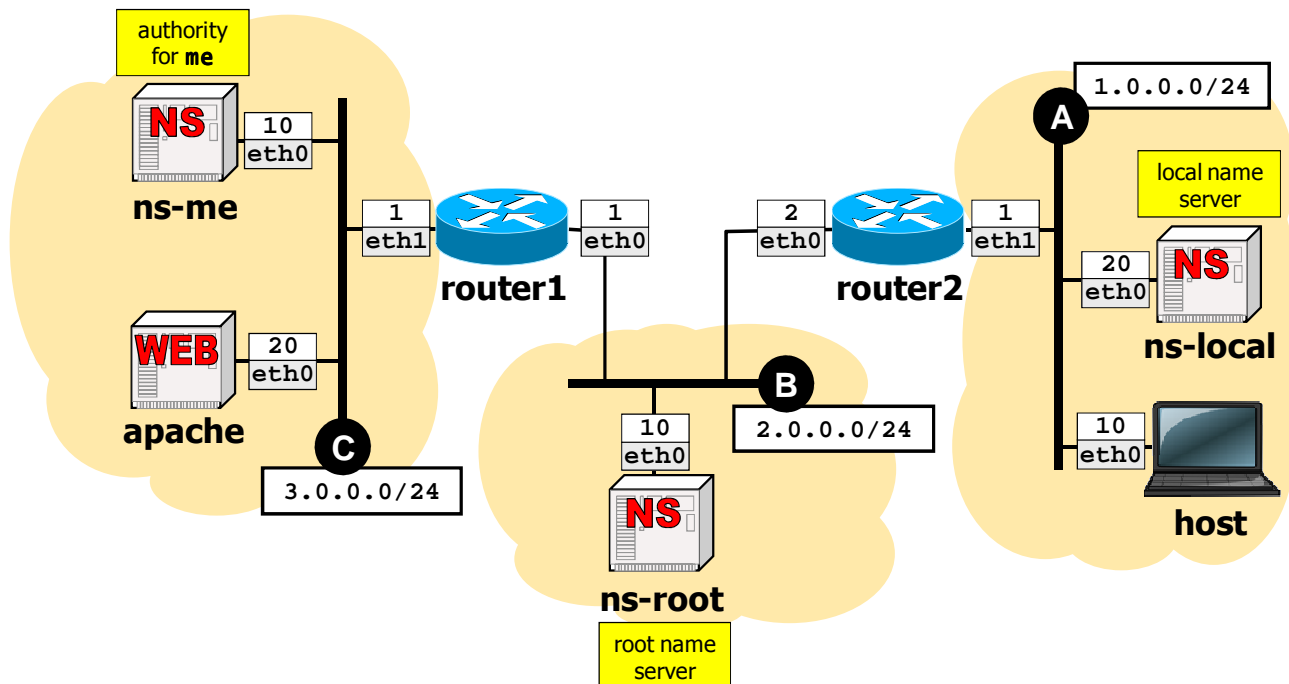**Available time: <u>90 minutes</u>.**

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

▪ Routing is configured by using static routes.

▪ There is a DNS service available on the network, structured as follows:
  • **ns-root** is the root name server;
  • **ns-me** is the authority for **me**;
  • **ns-local** is the local name server for **host** (it is not authoritative for any zones).

▪ There is also a Web server on this network, implemented by **apache**:
  • this node has DNS name **open.me**;
  • this node serves a web page for the *guest* user, **http://open.me/~guest/**, which contains an HTML redirect to a global page **http://open.me/index_global.html** (with arbitrary contents), implemented by the following code fragment:
    ```
    <head>
      <meta http-equiv="refresh" content="0;URL=http://open.me/index_global.html">
    </head>
    ```

Goal: **host** must be able to access the Web published by user *guest* on **open.me** using **links**. Users must be presented with a redirect towards the global page **index_global.html**.