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:
  - **root-ns** is the root name server;
  - **srv-ns** is the authority for **srv**;
  - **ns** is the local name server for **user-pc** (it is not authoritative for any zones).
- There is also a Web server on this network, implemented by **websrv**:
  - this node has DNS name **web.srv**;
  - this node serves a web page for the **guest** user, [http://web.srv/~guest/](http://web.srv/~guest/), which contains an HTML redirect to a global page [http://web.srv/real_index.html](http://web.srv/real_index.html) (with arbitrary contents), implemented by the following code fragment:
    ```html
    <head>
      <meta http-equiv="refresh" content="0;URL=http://web.srv/real_index.html">
    </head>
    ```

**Goal**: **user-pc** must be able to access the Web page published by user **guest** on **web.srv** using **links**. Users must be presented with a redirect towards the global page **real_index.html**.
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:
  - `rootns` is the root name server;
  - `itns` is the authority for `it`;
  - `localsns` is the local name server for `client` (it is not authoritative for any zones).

- There is also a Web server on this network, implemented by `webserver`:
  - this node has DNS name `sito.it`;
  - this node serves a web page for the `guest` user, `http://sito.it/~guest/`, which contains an HTML redirect to a global page `http://sito.it/global_index.html` (with arbitrary contents), implemented by the following code fragment:

  ```html
  <head>
    <meta http-equiv="refresh" content="0;URL=http://sito.it/global_index.html">
  </head>
  ```

**Goal:** `client` must be able to access the Web page published by user `guest` on `sito.it` using links. Users must be presented with a redirect towards the global page `global_index.html`. 

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**Available time:** 90 minutes.
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:
  - `dns2` is the root name server;
  - `dns3` is the authority for `site`;
  - `dns1` is the local name server for `laptop` (it is not authoritative for any zones).
- There is also a Web server on this network, implemented by `apache`:
  - this node has DNS name `my.site`;
  - this node serves a web page for the `guest` user, `http://my.site/~guest/`, which contains an HTML redirect to a global page `http://my.site/index2.html` (with arbitrary contents), implemented by the following code fragment:
    
    ```html
    <head>
    <meta http-equiv="refresh" content="0;URL=http://my.site/index2.html">
    </head>
    ```

**Goal:** `client` must be able to access the Web page published by user `guest` on `my.site` using `links`. Users must be presented with a redirect towards the global page `index2.html`.
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/](http://open.me/~guest/), which contains an HTML redirect to a global page [http://open.me/index_global.html](http://open.me/index_global.html) (with arbitrary contents), implemented by the following code fragment:

```html
<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**.