

1. [GNS3](#) Download

Go to <https://gns3.com/software> and download the latest version of [GNS3](#)

Choose [GNS3](#) for the operating of your choice

You can find guide and references, troubleshooting, videos, training at [Documentation](#) page.

Make sure you download the necessary, supporting pieces, interfaces, and libraries, and test it running

2. Lab 2: [Your First GNS3 Topology](#)

Extend the 3-node topology to 4 node configuration (3 PC's and 1 Ethernet switch)

Measure the delay between pairs of PC's

Answer the following questions:

- Are the delays identical? if yes how? if no why?
- Are the delays symmetric? if yes how? if no why?

What to submit

For each case submit the screen snapshot showing the command used and the output

Explanation of your delay analysis