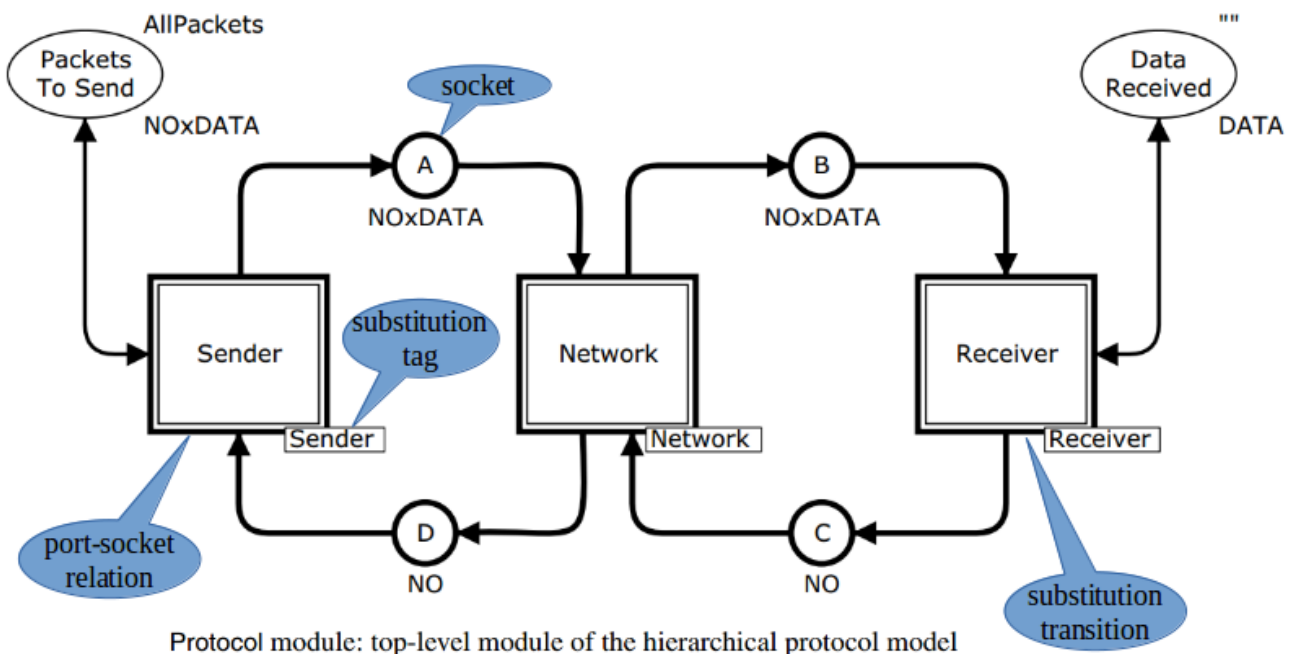


Exercise instructions

Please find one exercise partner for the small exercise. If you prefer to work alone, that is also acceptable for me.

Open in CPN tools (that you can download from cpntools.org) the example file named **SimpleProtocol.cpn** and introduce modules. The modified CPN model should resemble this depiction:

Modules and interfaces



Additionally, assume the packet transmission is under threat of attack. For details about security in computing, please [download and check this paper](#).

Extend the simple protocol examples that now has modules with extra nodes for securing the data packet transmission. You are free to assume a specific attack/mitigation scenario of your own choice. Allegorically, your approach in the CPN example can be similar as in [this research paper](#) where I use more ambiguous BPMN.

Send me an email at the latest on **August 13th, 2016** with your attached CPN file and CC yourself and your partner too so that I know who is in one group. Also mention your names in the body of the email. If I can successfully simulate in CPN tools the extended model you send me then the 1 ECTS point is yours.

Many thanks for your attention and effort.

Alex