Exercise No. 1

Energy Informatics

Winter 2016

1. Exercise, submit your solution
Consider the following network tools:

1. ping
2. traceroute
3. ipconfig

Solve the following tasks for each of these tools.

1. What kind of information do you get from the tools.
2. Which networking layer is addressed by the tool.
3. When does it sense to use this tool
4. Use it and discuss the output.

2. Exercise for class
Install Wireshark.

1. How can you filter Web traffic (hint: TCP port)
2. Analyse a web traffic packet and classify the information according to the layer model.