Martin Przyjaciel-Zablocki

Christian Schindelhauer

Peter Thiemann

Freiburg

January 26, 2017

Anas Alzoghbi

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.