



## 8th Assignment: Network Protocols and Architectures WS 10/11

**Question 1:** (10 + 15 + 5 + 0 + 0 = 30 points) *TCP Option to Denote Packet Mood*

Read RFC 5841<sup>1</sup> released on April, 1st 2010 and answer the following questions.

- Briefly outline the key ideas presented in the RFC.
- Sketch the idea of how packet moods can be used in firewalls.
- Suggest a packet mood that is not included in the RFC and sketch its purpose.
- Implement the RFC in the TCP stack of your operating system.
- Suggest a novel application of packet moods.

**Due Date: Thursday, January, 6th 2011 only until 13:55 h s. t.**

- **As PDF files (no MS Office or OpenOffice files):** Uploaded via ISIS (<https://www.isis.tu-berlin.de/course/view.php?id=3584>)
- **On paper:** Postbox in the Telefunkenhochhaus (basement, behind the doorman right)
- Put your name, StudentID number (Matrikelnummer) **and** the name of your tutor on your solution.

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<sup>1</sup><http://www.rfc-editor.org/rfc/rfc5841.txt>