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UNIVERSITÄT
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INF

FAKULTÄT FÜR
INFORMATIK

Distributed and Operating Systems Group

Advanced Operating System Issues (AOSI)

Excercise Sheet 3

Due date: 08.12.2011

1 Results of practical Task 1

1. Test your implementation by issuing challenges to both servers containing:

id = aosi2011

passwd = verySecretPassword

What was the response of the server?

2. Use a package monitoring system like tcpdump or wireshark to capture the packages that are transmitted during the challenge-response communication with each server!
3. Analyze the dump of the mpiServer communication. How many messages are transmitted and which useful information can you extract from these?
4. Analyze the dump of the rpcServer communication. How many messages are transmitted and which useful information can you extract from these?
5. Which communication scheme is more appropriate for the task? Discuss these parameters:
 - ease of development
 - ease of use
 - complexity
 - reliability
 - security