RouterLab LabCourse SoSe 2016
Course Organization

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Reminder: Steps due to 2015-04-27 (today)

- Decide whether you will take the course
  - Keep prerequisites in mind
  - Keep time constraints in mind
- Sign up in ISIS
- Form groups of two students
- Clarify which time slots are feasible
  - Time slots will be fixed during the semester
  - We can’t shift slots that fall on holidays

RouterLab LabCourse SoSe 2016 – Course Organization
Course Registration

You have to sign up for this course via QUISPOS

- Registration opens 2016-04-27 (today)
- Deadline for registration is 2016-05-18

If you can’t sign up through QUISPOS

- Contact us before 2016-05-13
Team & Time Slot Assignment

Algorithm:
1. Identify pre-planned groups
2. Assign timeslots to these groups
3. Form groups to fill remaining timeslots
4. Fix debriefing days & times
## Group Assignment

<table>
<thead>
<tr>
<th>Group 1</th>
<th>Group 2</th>
<th>Group 3</th>
<th>Group 4</th>
<th>Group 5</th>
<th>Group 6</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gagandeep Singh Khaira</td>
<td>Amol Vishwanath Nerlekar</td>
<td>Tobias Christian Kaiser</td>
<td>Song Du</td>
<td>Hafiz Ali Ibraheem</td>
<td>Alexander Mühle</td>
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<tr>
<td>Hamzeh Mohammadnia</td>
<td>Eric Oral Troudt</td>
<td>Md Atiqur Rahaman Khan</td>
<td>Arne Kappen</td>
<td>Muzammal Hussain</td>
<td>Michael Thomas</td>
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## Time Slots

### Aachen-Cloud

<table>
<thead>
<tr>
<th>Time</th>
<th>Mon</th>
<th>Tue</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
</tr>
</thead>
<tbody>
<tr>
<td>10:00 – 13:45</td>
<td>Group 2</td>
<td>Tutorial</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>14:00 – 17:45</td>
<td>Group 1</td>
<td></td>
<td>Group 6</td>
<td>Group 1</td>
<td></td>
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<td>18:00 – 21:45</td>
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<tbody>
<tr>
<td>10:00 – 13:45</td>
<td>Tutorial</td>
<td></td>
<td>Group 3</td>
<td>Group 3</td>
<td></td>
</tr>
<tr>
<td>14:00 – 17:45</td>
<td></td>
<td></td>
<td>Group 5</td>
<td>Group 4</td>
<td>Group 4</td>
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<tr>
<td>18:00 – 21:45</td>
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### Langenfeld-Cloud

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Group Accounts

LabFront access
- See what devices are free/reserved
- See the link connectivity between devices
- Read the user documentation section

SSH access to Cheetah
- Stepping-stone to routers, switches, loadgens
- Only way in or out of the routerlab

We will hand out your credentials now
SVN Repository

Resources for the LabCorse:

- /slides: tutorial slides
- /assignments: worksheets
- /resources: other resources like Router & Switch Documentation

Your Stuff & Submissions:

- /groups/g01/private: your private stuff
- /groups/g01/submissions: your submissions
Submission: SVN Repository

a1

- configurations
  - q01-config-rj2.txt
  - q01-config-sc1.txt
  - q01-config-sc2.txt
  - q02.1-config-sc1.txt
  - q02.2-config-sc1.txt

- outputs
  - q01-ifconfig-lg1.txt
  - q01-ping-rc1-rc2.txt

- worksheet01-group01.pdf

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Submission: Report PDF

- Always include topology figure with ipv4 / ipv6 addresses of all interfaces used and all vlans
- Include exact commands used
- Include *relevant* output only
  - Do not just blindly dump 2000 lines of output :-)
- Submit to the SVN by adding it to the corresponding directory in the SVN and committing *before* the deadline
Debriefings

Debriefing will be held for each Submission

- One week after submission, after the tutorial
- You will present your solutions
- Depending on the debriefing results you can gain or loose points for the worksheet

All group members must be able to explain every part of the worksheet
LabCourse Communication

ISIS-Forums
- Announcements
  for official announcements from the tutors
- Student Discussions
  for you to discuss and solve problems

E-Mail
- rl-tutors@inet.tu-berlin.de
  for questions to the tutors and everything else
LabCourse Communication Checklist

1. Check ISIS Forum
   - Maybe someone already encountered the problem

2. Check other sources
   - Web, Google, Cisco/Juniper documentation

3. Talk to other Students / ISIS Forum
   - Allowed: discuss with other groups
   - Not allowed: copy solutions from other groups

4. Contact rl-tutors@inet.tu-berlin.de
   - In case of ISIS Failure or Private Issue

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