Accessing the RouterLab: LabFront

RouterLab LabCourse SoSe 2016 – Worksheet 1: RouterLab Introduction & IP Routing
Accessing the RouterLab: labtool

SSH into cheetah.inet.tu-berlin.de

- **lab -c device** allows you to accesses the console of any device reserved for you
- **lab -p device** power-cycles a device
  - You lose all not committed configs
  - This means re-install for your loadgens
- Use **lab --help** to get an overview about additional helpful commands
Accessing the RouterLab: Devices

Which devices am I allowed to access?

- Only devices that are assigned to you according to table at beginning of work sheet
- Only devices for which your group has an active reservation

When am I allowed to access devices?

- During your pre-assigned timeslots
- Whenever you reserve devices outside normal business hours
Accessing the RouterLab: Devices

How can I save the configuration of a device?

1. Use `lab -c ham-rc1` to connect to the device
2. Use `show running-config` to get the config
3. Manually copy the config from the terminal
Final Hints

Prepare in advance

- Prepare your topology in advance
- Prepare your scripts in advance
- Prepare your loadgens in advance

- Start Early, Fail Early, Finish Early :-)

Use screen on cheetah.inet.tu-berlin.de

- You can share your terminal with your partner
- You can resume your sessions in case your internet connection fails
Final Hints

Make our life easy by submitting good reports

- Always include topology figure with addresses
- Include exact commands used
- Submit only the relevant portions of output
  - if unsure, create an output directory under the submission directory and dump the full output there

Convince us that you know what you're doing!