

Introduction & Logistics

Campus Network Design & Operations Workshop



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UNIVERSITY OF OREGON



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Instructor Team

Name	Organization (Country)
First Last	NSRC (country)

Logistics

- Wireless Network
 - SSID for this workshop is NSRC24 and NSRC5
 - Network operates at both 2.4GHz and 5GHz
 - The key is “8888888888” – ten times the number 8
- Local Workshop Server (during workshop only)
 - www.ws.nsrc.org
 - Or: 100.64.0.1
- Final workshop documentation
 - <https://nsrc.org/workshops/YYYY/workshop-name>

www.ws.nsrc.org

The screenshot shows a web browser window for the URL ws.nsrc.org. The page title is "Campus Network Design and Operations". The navigation bar includes links for "Agenda", "Downloads", "NOC", and "Archived workshops". The main content area displays a grid of network nodes:

- Campus 1**: Includes "Console", "SSH", and "Web" access options.
- Campus 2**: Includes "Console", "SSH", and "Web" access options.
- Campus 3**: Includes "Console", "SSH", and "Web" access options.
- Campus 4**: Includes "Console", "SSH", and "Web" access options.
- Campus 5**: Includes "Console", "SSH", and "Web" access options.
- Campus 6**: Includes "Console", "SSH", and "Web" access options.
- Transit**: Includes "Console" and "SSH" access options.

*Check you can see this.
Ask for help if you cannot.*

Agenda

- Go to **www.ws.nsrc.org** and click on "Agenda" at top left for the full schedule, presentations and lab exercises
- May be amended as we proceed

Schedule

- This is a 5 day workshop
- Lots to do, please arrive on time each day
- Please ask questions!
 - If you don't understand something, probably many others don't either
 - There are no stupid questions!
- Help each other
- Mobile phones OFF or on SILENT
 - If you need to receive or make calls, please do so OUTSIDE the room

Daily Schedule

Time	Activity
09:00-10:30	Morning Session 1
10:30-11:00	Break
11:00-12:30	Morning Session 2
12:30-14:00	Lunch (outside)
14:00-15:30	Afternoon Session 1
15:30-16:00	Break
16:00-17:30	Afternoon Session 2

Switch & Routing Practice

- The exercise environment is based on GNS3 and KVM
 - Virtual routers/switches (Cisco IOS)
 - Virtual hosts (Linux servers)
- You will access these devices via the web interface
- You will be developing your own campus networks
- You will be working in campus groups

Key for Success

Remember, this workshop is for you!

- If you do not understand or have questions, ask for clarification
- Please share your thoughts and experiences. They are valuable
- Take advantage of the event to meet your colleagues and build the “human network”

Questions?

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