

# DNSSEC hands-on workshop

Welcome!

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# Goals of this workshop

- Learn about the principles behind the DNS security extensions, the new record types and options
- Learn to set up DNSSEC validation on multiple software platforms
- Get hands-on experience with DNSSEC signing tools and practices, including key rollover
- Get tips and hints on key management, infrastructure security, and more



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# Who we are

- Richard Lamb – ICANN
- Phil Regnauld – NSRC



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# Daily time table

- **Session 1 09:00 – 10:30**
- **Break 10:30 – 11:00**
- **Session 2 11:00 – 12:30**
- **Lunch 12:30 – 13:30**
- **Session 3 13:30 – 15:00**
- **Break 15:00 – 15:30**
- **Session 4 15:30 – 17:00**



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# Classroom details

You are all system administrators.

You are in charge of your servers

To make our lives easier please consider:

- Not changing your ***root*** or ***adm*** user passwords during the week.
- Not reconfiguring other attendees' machines...
- Practice using the `sudo` command instead of working as *root*.

This is a virtual environment!



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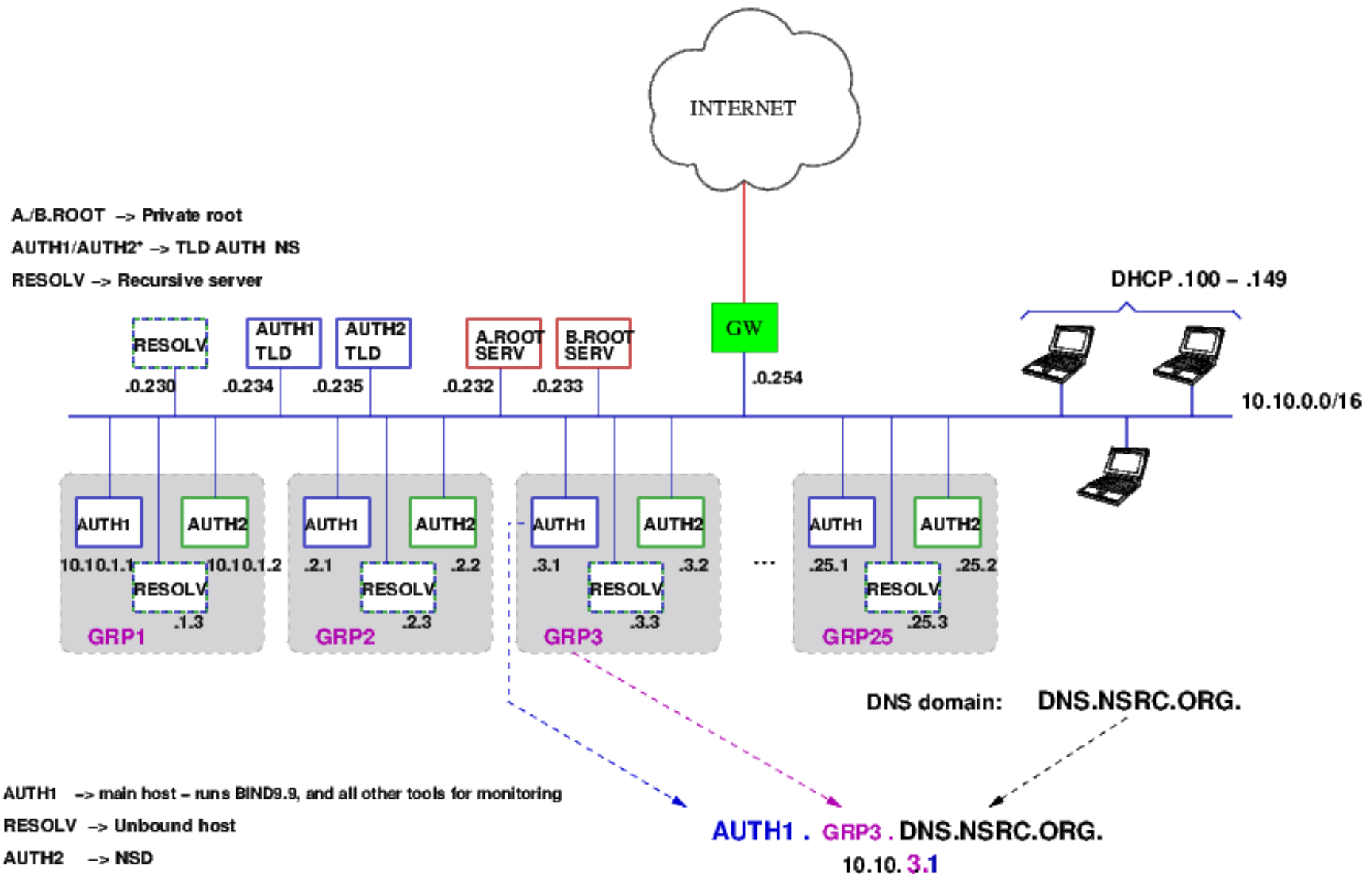
# DNS – DNSSEC Workshop: NETWORK LAYOUT

login: adm

pass: \*given in class\*

WiFi SSID: NSRC5 or NSRC24

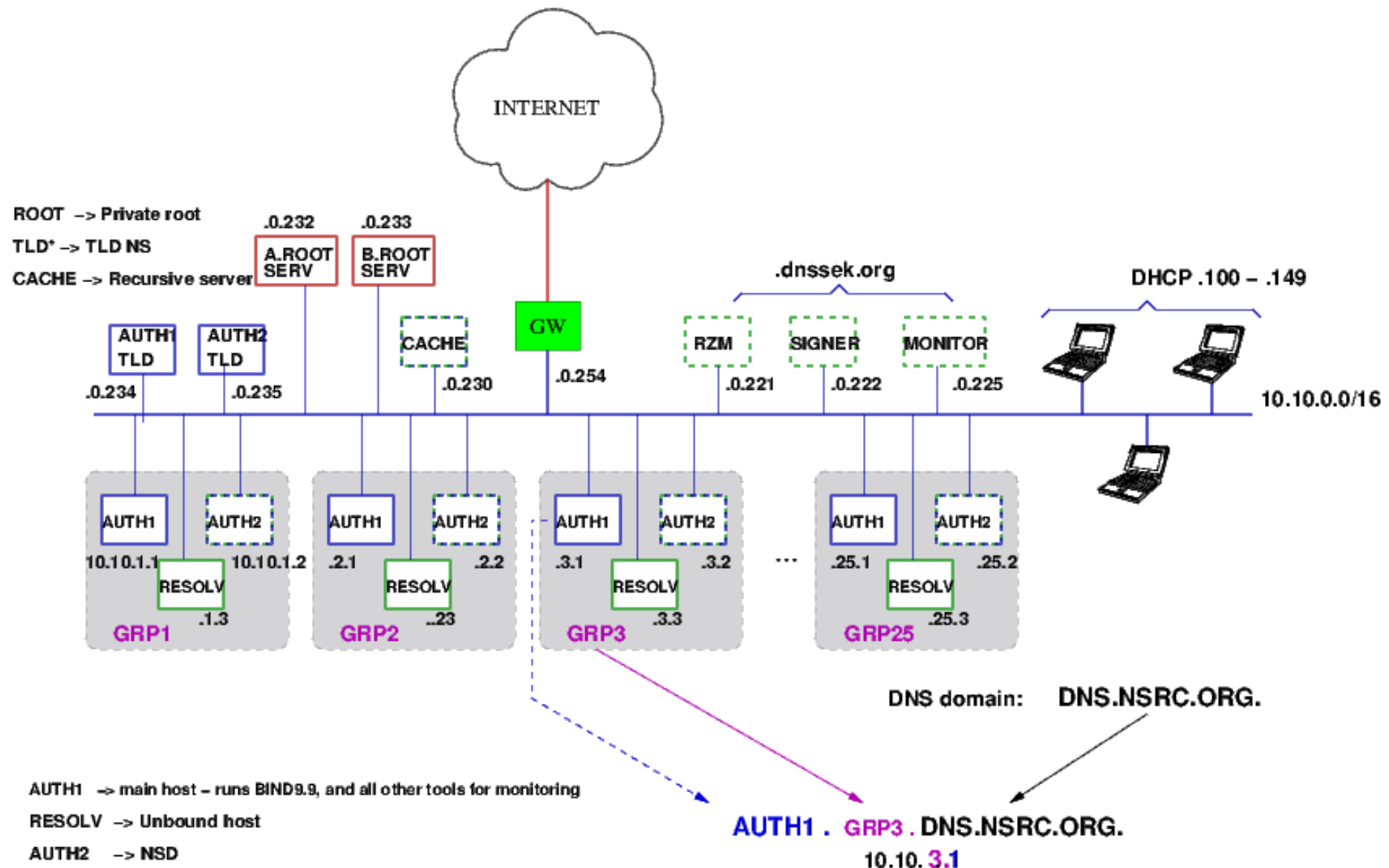
WiFi pass: 8888888888



# DNS – DNSSEC NETWORK LAYOUT

login: adm  
pass: \*given in class\*

WiFi SSID: NSRC5 or NSRC24  
WiFi pass: 8888888888



# A few conventions...

In the exercises:

- If you see a “\$” then execute the command as a regular user (*adm* user).
- If you see a “#” then you should use `sudo` to execute the command as the *root* user. You do not need to use `sudo` if you already are root!
- There *will* be a (very, very) few typos. Be on the lookout and let us know!
- Some exercises *do not* give you all the steps! This is on purpose to let you apply newly found skills 😊



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# Our wiki and noc

- Diagrams, presentations, schedules, photos, machine information and much will be available on

<https://nsrc.org/workshops/2014/nsrc-icann-nicTR-dnssec/wiki/Agenda>

- Passwords will be given in class.

# Questions?

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