

GARNET | Ghanaian Academic and Research Network

WELCOME TO

Network Monitoring & Management

From Metrics to Visibility with Prometheus & Grafana

PRESENTED BY

NSRC

Network Startup Resource Center

GARNET

Ghanaian Academic and Research Network

KNUST

Kwame Nkrumah University of Science &
Technology

4-day workshop · Hands-on

WHO'S TEACHING

Your instructor team



Emmanuel Togo

GARNET



Ato Yawson

GARNET



Samuel Kelly Brew

GARNET



Isaac Sakyi

MTN Ghana

All available throughout the workshop. If you're stuck — ask any of us.

LOGISTICS

Connect first



Wireless network

SSID

NSRC24 • NSRC5

(2.4 GHz and 5 GHz — pick whichever signal is stronger)

PASSWORD

8888888888

(ten 8s)



Workshop documentation

Everything we use:

[Agenda : Timetable](#)

[Network Monitoring & Management - GARNET Documentation](#)

[Cohort Progress Matrix](#)

Bookmark them. Practical guides, sample configs, slides — all here.

GROUND RULES

How we'll work together



Four days, lots to cover

Please arrive on time each morning. We start prompt at 09:00.



Ask questions

If you don't understand something, probably others don't either. There are no stupid questions.



Help each other

Pair up during practicals. Teaching cements knowledge faster than anything else.



Phones off or on silent

If you need to take a call, please step outside the room.

HOW THE PRACTICALS WORK

Your lab environment



Each participant has a pre-provisioned server

You'll connect over SSH from your laptop. Your instructor will share host names and credentials.

SSH clients by operating system

macOS	Terminal	<code>ssh user@labXX.garnet.local</code>
Linux	Any terminal emulator	<code>ssh user@labXX.garnet.local</code>
Windows	Windows Terminal / PowerShell / PuTTY	<code>ssh user@labXX.garnet.local</code>

Feel free to work alongside your colleagues — debug together, share screens, learn together.

Keys for success

This workshop is for you.



Ask for clarification

If you don't understand something or have questions, ask. Anywhere, any time.



Share your experience

Your thoughts and your real-world stories are valuable to the rest of the room.



Build the human network

Take advantage of being here. Meet your colleagues. The relationships outlast the slides.

ANY QUESTIONS?

Questions?

Before we dive in — anything unclear about the format, the schedule, or the logistics?

THANK YOU FOR BEING HERE

Let's get started.

Day 1, Session 1: Introduction to Monitoring & Architecture

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