

Lab 4.1 — Threaded Gather with Retries

- Combine Netmiko and NAPALM collectors
- Run in parallel with robust error handling

Objectives

- Implement per-task retries with backoff
- Collect structured results per host
- Summarize failures without crashing

Steps

1. Create worker for CLI + getter
2. Submit via ThreadPool (bounded)
3. Aggregate JSON outputs

Validation

- Logs show retry attempts & timings
- Summary counts at end

Stretch

- Add per-host timeouts
- Export metrics (CSV)