
S1E1 - Introduction to the networking workshops

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Nick Morrison (he/they)

About Me

- Nick Morrison | <https://nanocat.net> | nick@nanocat.net | he/they
- Networking since 2000 (started out in Adelaide, Australia)
- CCIE #28800 (passed the lab in Bangalore in 2011)
- Loves teaching networking
- Loves being interrupted during workshops
- Loves cool tech
- Doesn't love the imbalance in the tech industry

About You

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How the Workshops Work

- Sometimes an interactive “lecture” about a particular topic
- Sometimes a prepared lab task
- “Two steps forward, one step back” - we will sometimes venture into uncharted territory, and then come back to talk about what we discovered.
- Tech stack:
 - containerlab - orchestration tool
 - containerlab discord: <https://discord.gg/fbcMcrQ4>
 - hetzner - linux VMs
 - diagrams.net - diagrams
 - google drive containing slides and lab exercises

How Much the Workshops Cost

- If you have no income, please don't pay anything
- If you have an income, please help me to cover the costs of the materials
- If your company will cover your cost, please help me to cover my time :-)
- I am an Einzelunternehmer with a VAT ID, so I can send you a formal invoice
- Depending on the lab, we will use a single large VM, or multiple smaller VMs
 - Single large VM costs ~ € 30-40 per month (charged hourly)
 - Multiple small VMs cost ~ € 5-10 per month (charged hourly)
- But, they can be shutdown when not in use, massively reducing cost.

Roadmap

- start: basic IP addressing / CIDR / basic routing
- middle: we create this together :-)
- end: Multicast EVPN with eBGP leaf spine blah blah blah