



Modelling/Simulating NDN Network

Luleå - 2026



Who am I?

Professional:

Been with NORDUnet since 2018 as a Network Engineer
Developer / Network / Security engineer since 1992
Wrote drivers for Tokenring NIC's, on purpose!

Private:

Volunteer instructor & Chair for Hye Son Sae Sim, my local Taekwondo club
Game master for the same D&D group, now in its sixth year
If you come across the handle "Tigerdyr" on the net, chances are it's me



Fun fact:

I'm not the previous CEO of Mærsk

What is Simulation/Modelling?

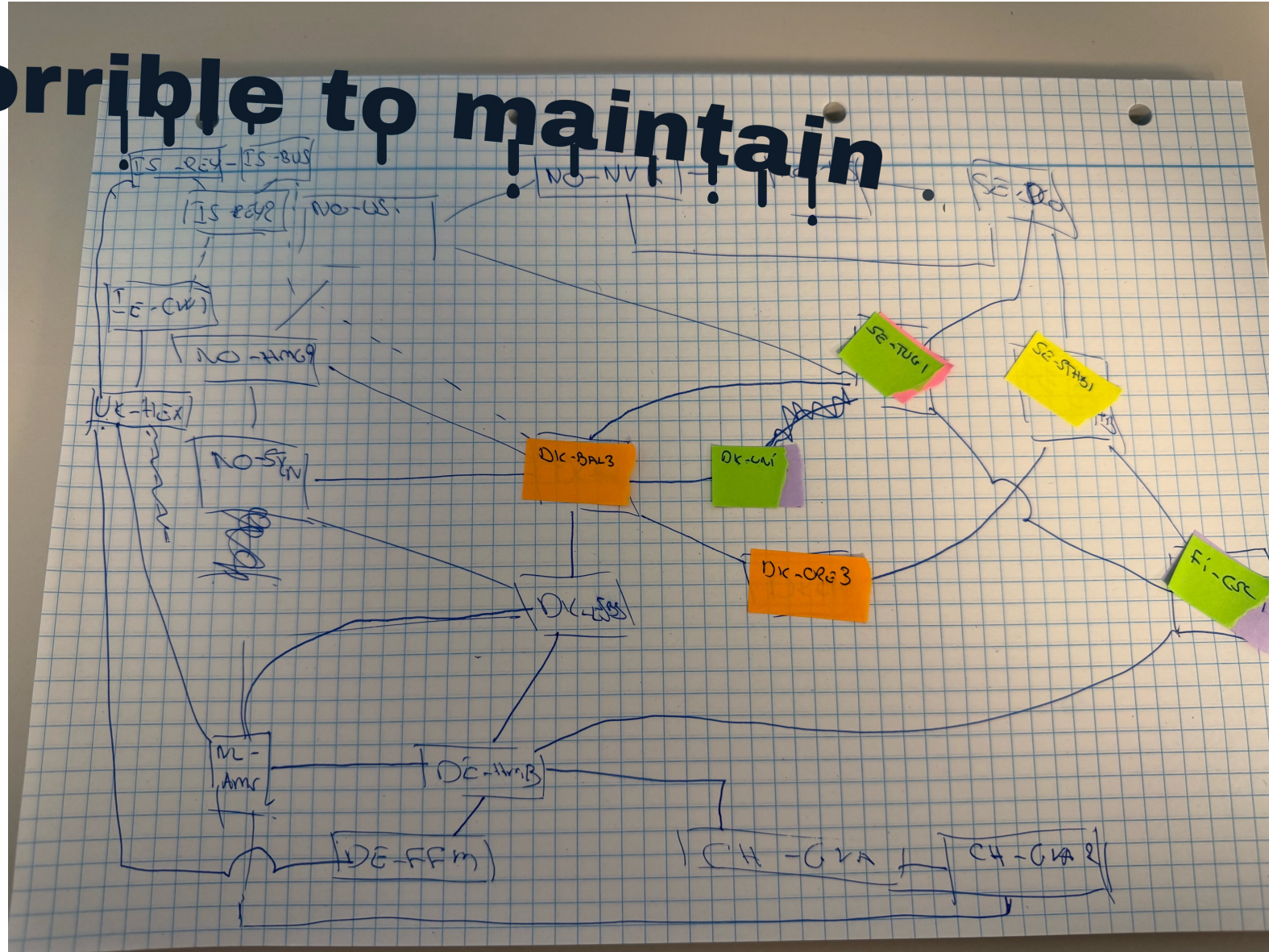


A hand-drawn schematic diagram on blue grid paper, featuring a large diagonal watermark that reads "Blog is fast". The diagram consists of several interconnected rectangular blocks representing components of a control system:

- Top Left:** A block labeled "IS-REV - IS-BUS" with a sub-block "IS-edge" below it.
- Top Center:** A block labeled "NO-NVR" connected to a block labeled "NO-VS".
- Top Right:** A block labeled "SE-D0" connected to a block labeled "SE-TU".
- Middle Right:** A block labeled "SE-S" connected to a block labeled "Fi-WC".
- Bottom Right:** A block labeled "CH-GVA" connected to a block labeled "CH-GV2".
- Bottom Center:** A block labeled "DE-FFM" connected to a block labeled "DC-MVB".
- Bottom Left:** A block labeled "NL-Amr" connected to the "DC-MVB" block.
- Center:** A block labeled "DC-LSS" connected to the "DC-MVB" block.
- Other Labels:** There are additional labels like "NO-WS.", "NO-STW", "Dxun", and "Dxor" scattered throughout the diagram, some with arrows indicating connections or signals.

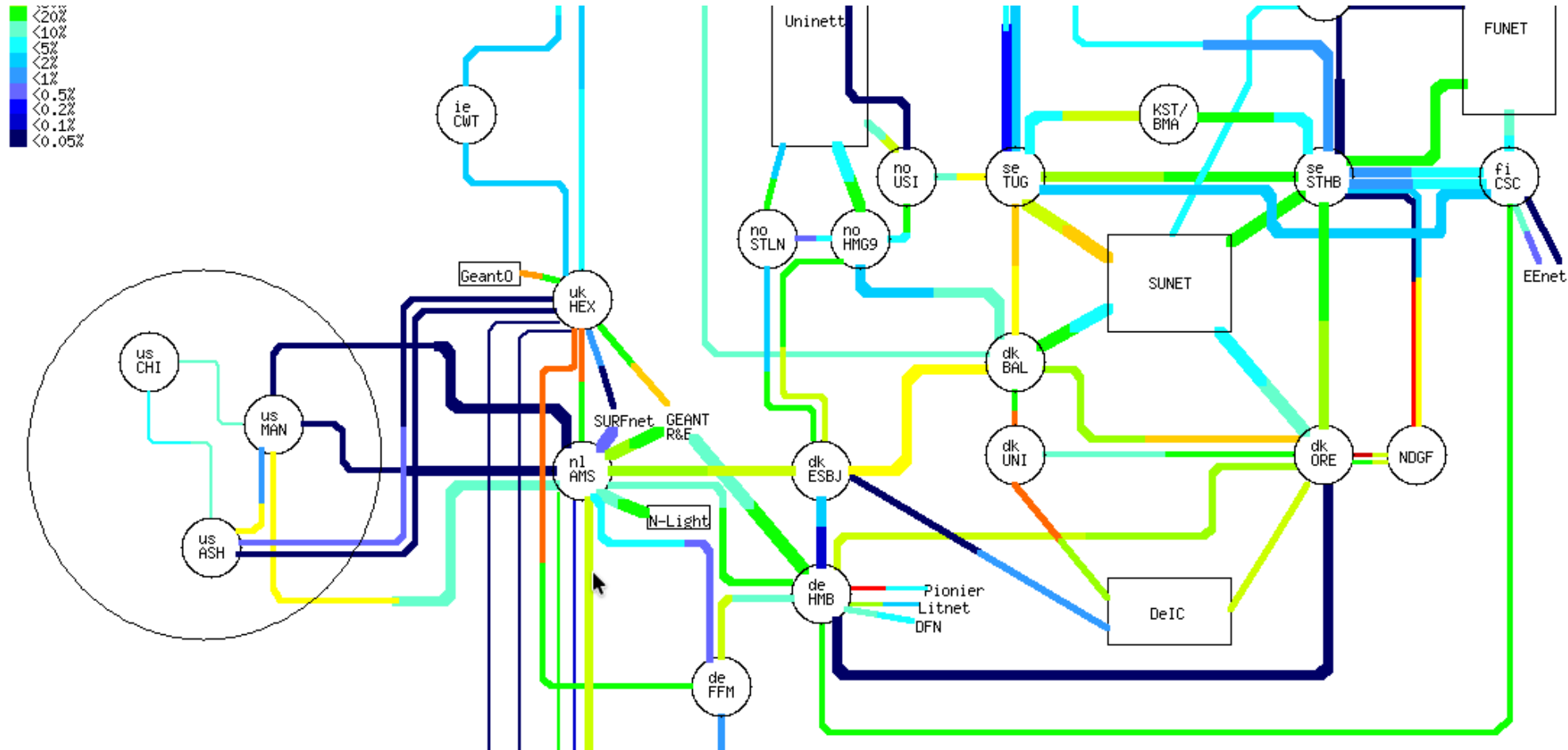


But horrible to maintain





Digital solutions are slower?





Simulating DataCentre

LAB

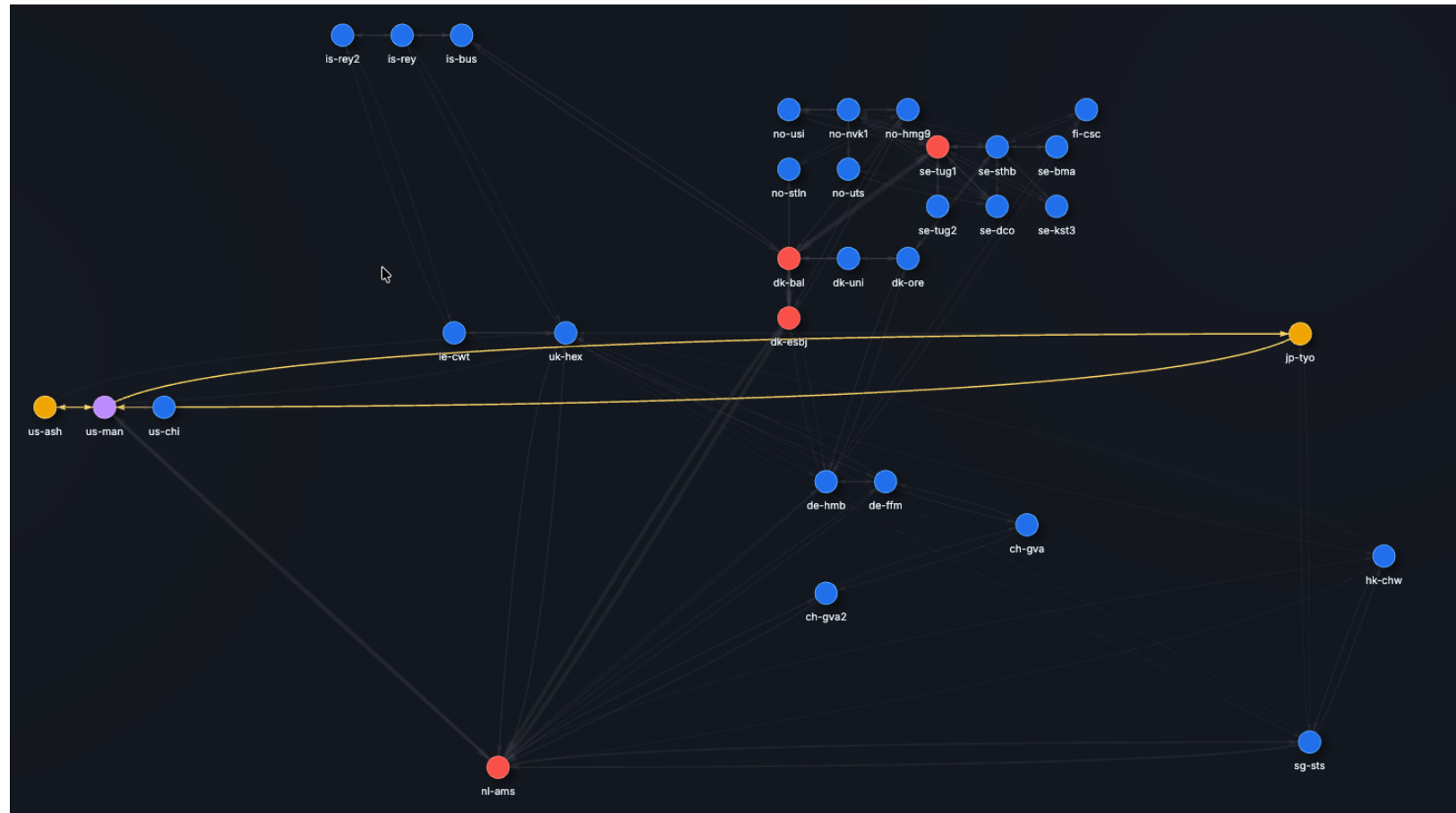


DC



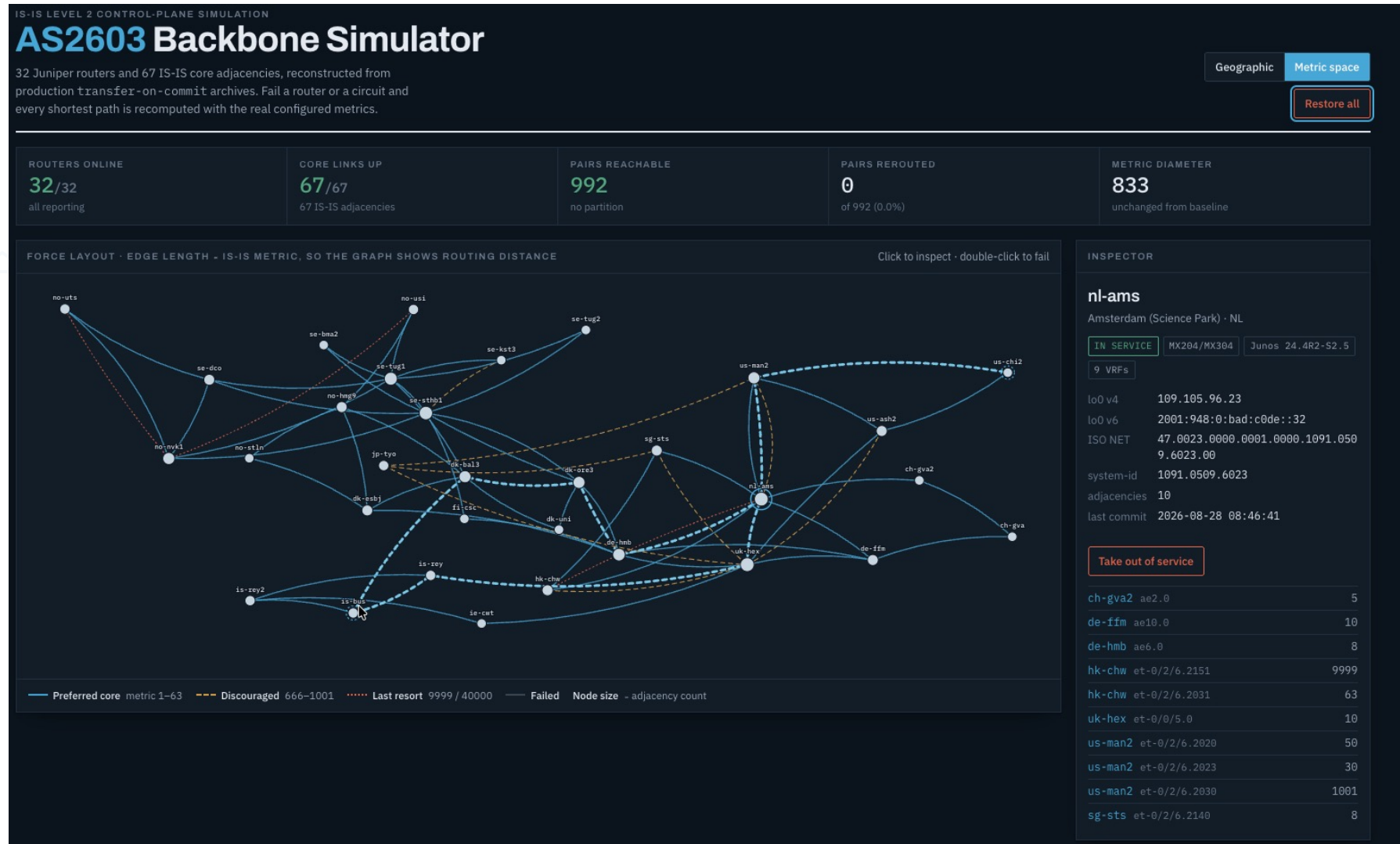


Simulating traffic engineering





Using Generative LLM to simulate networks?



Thank you!



Any questions?