

# A practical introduction to Peering Manager

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# ***Todays agenda***

1. What is Peering Manager?
2. Demo
3. Installation
4. Upcoming features
5. Q&A with developer Guillaume Mazoyer



## About me

- Age: 23
- Currently studying Transportation engineering at Technical University of Dresden
- Volunteer at local student network in Dresden since 2017
- Working student at DE-CIX Academy since 05/2021
- First time speaker at DENOG and conferences in general

# ***What is Peering Manager?***

- Managing Peering Relations from Start to Finish
  - Sending requests via E-Mail to potential peering partners
  - Setting up & maintaining the sessions
- Source of truth for your routers BGP configuration
- Integrations with other commonly used projects (Netbox, PeeringDB)
- Open Source software by Guillaume Mazoyer, development sponsored by DE-CIX



The background is a night cityscape featuring several illuminated skyscrapers. Overlaid on this is a complex digital pattern of glowing blue and red lines, some straight and some curved, creating a sense of motion and data flow. Faint, semi-transparent text and numbers are scattered throughout the image, particularly on the left side, adding to the digital aesthetic.

*Demo*

## ***Installation - what's required?***

- Linux (tested with CentOS & Debian)
- PostgreSQL  $\geq$  9.6
- Redis  $\geq$  4.0
- Python  $\geq$  3.6
- Webserver (tested with Apache2 and nginx)
- Python application server (tested with gunicorn and uwsgi)
- Ansible Playbook & Docker Container available



# *Upcoming features*

- IX-API integration ([#174](#))
- Inbound Peering Requests ([#169](#))
- Deeper PeeringDB integration ([#314](#))
- Deeper NetBox integration ([#263](#))



# Q&A





# Thanks for listening!

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