

A practical introduction to Peering Manager

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Today's 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

A night cityscape with digital data overlays and a central 'Demo' text box. The image features a dark blue sky with numerous vertical lines of light in shades of blue and purple, creating a sense of motion and data flow. In the center, a semi-transparent dark rectangle contains the word 'Demo' in a white, bold, sans-serif font. The background shows a city skyline with illuminated buildings, including a prominent skyscraper with a spire. The overall aesthetic is futuristic and technological.

Demo

The logo for DE CIX, featuring a stylized white 'C' icon above the text 'DE CIX' in a bold, white, sans-serif font.

DE CIX

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](#))

A night cityscape featuring several skyscrapers, including the Willis Tower. The scene is overlaid with a dense network of glowing blue and red lines, suggesting data or digital connectivity. A semi-transparent dark blue horizontal bar is positioned across the middle of the image.

Q&A



**Thanks for
listening!**

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