

# Community Networks & Community Infrastructures

Q&A

Special Interest Group (SIG)  
Internet Society



# ❖ Community Networks & Community Infrastructures (CNCI)

AIMs:

work alongside local communities and regional stakeholders

Codesigning flexible frameworks

meaningful community-centred infrastructures

empower local leadership and focuses

digital inclusion and longitudinal sustainability





## Creation and implementation of CNCI through:

+ mutual aid networks

*movement building and technical domain experts*

+ interconnection with frontiers

key up to date external knowledge sources

+ iterative documentation

development of living and shared experiences

+ codesign *network*

*specific situation awareness*

+ translation local infrastructure protocols

*methods for CN-friendly policies*

+ fostering development & maintenance

*CNCI ready software*



Continued support, R&D  
implementation and maintenance  
best practises of  
self-hosted Community Networks

Tackling the digital divide  
Building capacity in marginal and  
underserved remote regions =



stewardship of CNCI SIG  
leadership group  
decentralised engagement approaches  
participatory codesign  
inclusive to a wide range of contributors

R&D

capacity building

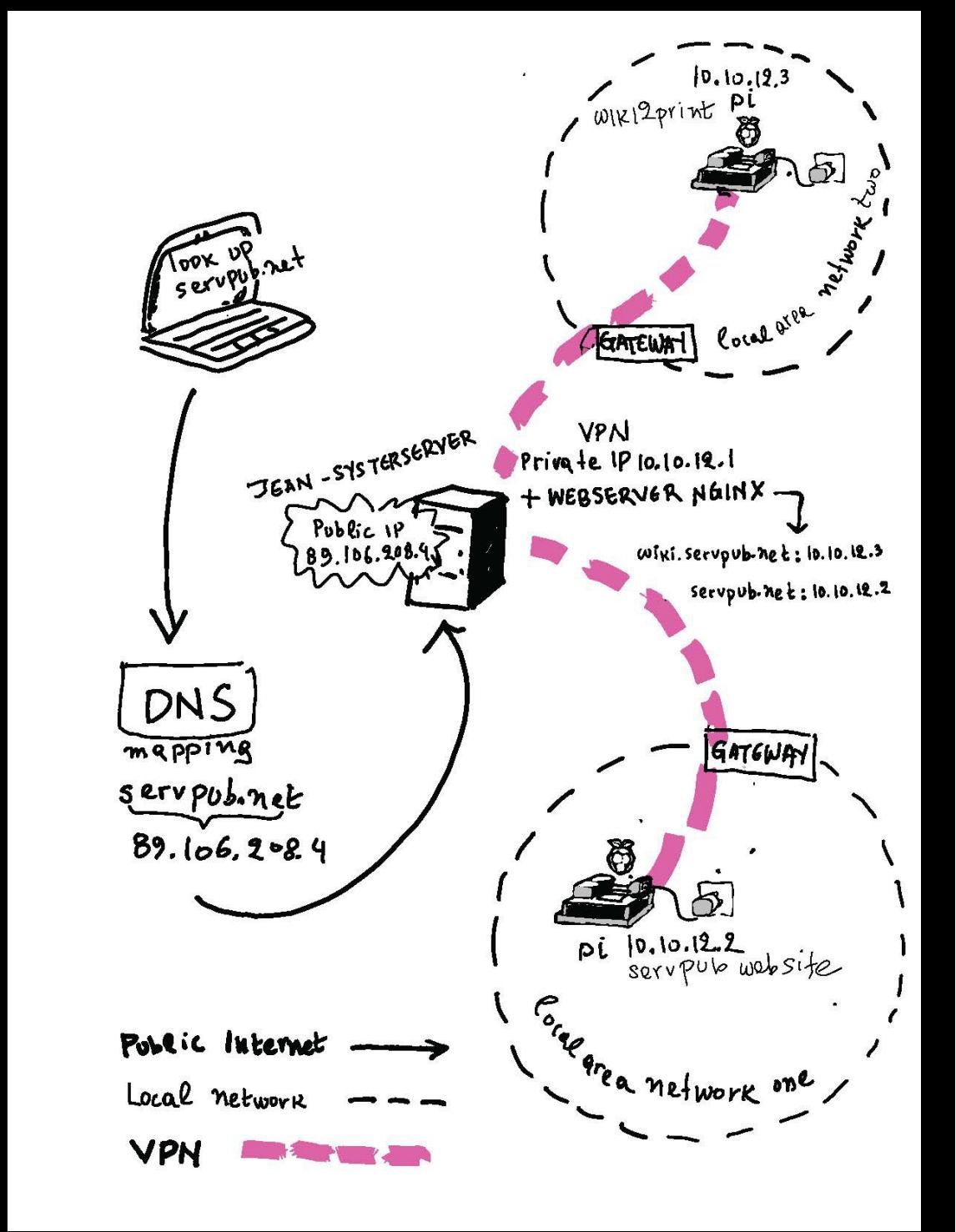
cross network knowledge sharing

comprehensive support

generating dynamic opportunities

multilateral collaboration

infrastructural resource and service provisioning





ISOC 2026 – 2030 Mission  
amplifies priorities

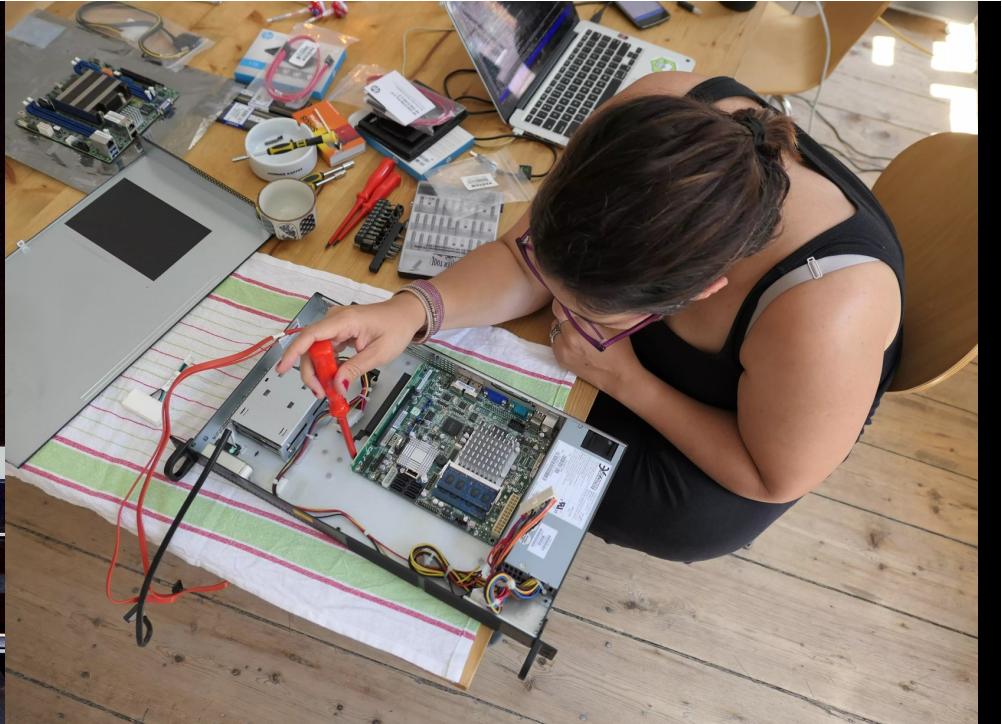
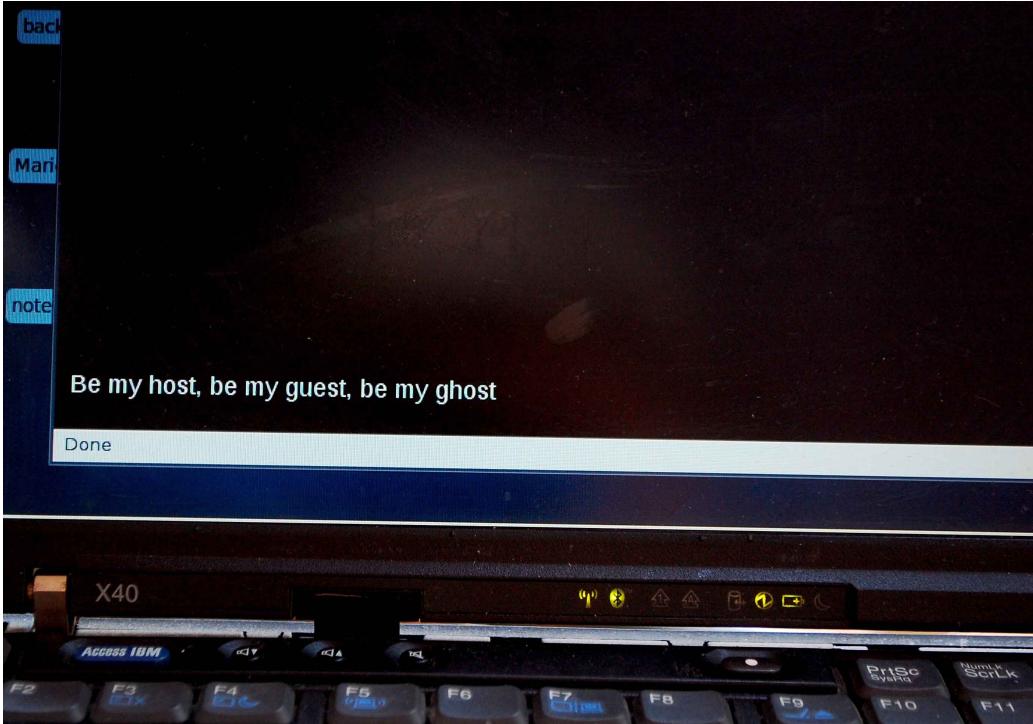
Connecting the Unconnected

Connectivity to vulnerable populations  
Indigenous communities,  
remote disadvantaged regions,  
women-led enterprises, displaced  
constituents

Advocate for policies and  
regulations that enable  
community-based connectivity

Meaningful Internet participation  
local Internet governance structures





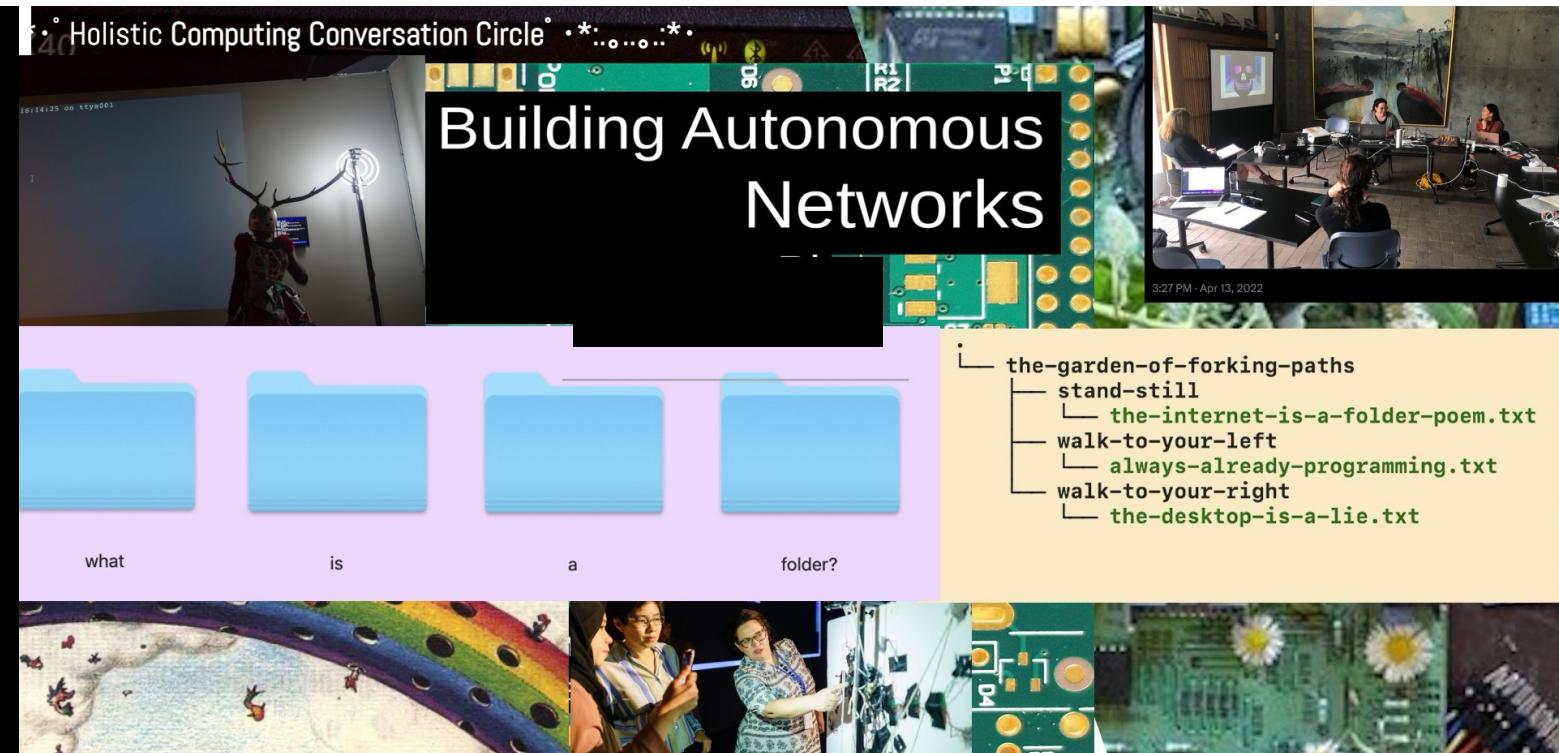
♀ CN CI

Supportive legal and policy environments

Multi-stakeholder bottom-up Internet governance processes

Governance models that reflect shared values

Engagement with regional technical enablers  
(community IXPs, local interconnection points, local open source based service and resource providers)



## ❖ CN CI Types of Activities

Research, collate & update best practices  
Partner with locally anchored regional IXPs  
Internet presence to be consistent with local protocols  
Workshops/Webinars  
Capacity Roadmap Empower Local Leadership  
Co-Design Cost Effective Solutions

~~~~~ Questions? ↴ ~~~~~

~~~~~ Thank you ♀ ~~~~~



C [cyberfeminismindex.com/search/?query=Nancy+Mauro-Flude](https://cyberfeminismindex.com/search/?query=Nancy+Mauro-Flude)

icy Mauro-Flude

|  |  |
|--|--|
| <p>2008 Miss Despoinas</p> <p>2018 Internet Lore in Asia</p>   | <p>Nancy Mauro-Flude</p> <p>Nancy Mauro-Flude, Kerr</p> <p>Sophia Lycouris, Pe Travlou, Cornelia Sc Helen Varley Jamies</p> <p>Donna Metzlar, Nan Mauro-Flude, Peter Westenberg, Reni H</p> <p>Nancy Mauro-Flude</p> |
| <p>2015 CN:FM (Commoning the Networks: A feminist Methodology II)</p>  | <p>Nancy Mauro-Flude</p>   |
| <p>2021 Writing the Feminist Internet: a Chthonian Feminist Internet Theory for the twenty first century</p> | <p>Nancy Mauro-Flude</p>   |

en/werk/feminist-servers-internet

MAKEbreak ProfilesMentorBook NITRO Actors-No-Play PIRATEGIRLSSAY Darkspaces vvitchvavve Most Visited Capture

Premiered at Transmediale 2015

Feminist sys-admins who also acted in solidarity

sister0.tv  
systerserver.net  
miss-hack.org  
eclectictechcarnival.org  
elled.org  
marieta.org

AutorIn: Nancy Mauro-Flude from etc - Eclectic Tech Carnival and Miss Despoinas.

CODESIGN  
<https://doi.org/10.1080/15710882.2021.2021243>



Check for updates

## A feminist server stack: co-designing feminist web servers to reimagine Internet futures

Nancy Mauro-Flude and Yoko Akama

School of Design, Rmit University, Melbourne, Australia

### ABSTRACT

In this article, we reimagine the Internet as a feminist cosmos called a Feminist Server Stack. By scrutinising how webserver infrastructure is normalised based on imperial conventions and distorted knowledge systems, we suggest alternatives. This embrace of 'post-patriarchal futures' (Bardzel 2019, 20) offers counter perspectives on how we may holistically embody the Internet as a situated ecology. When experiencing the Internet materiality, it leads us to imagine beyond the known and possible. We focus on enchanting affirmations and tacit hands-on computational methods from the frontiers of feminist digital literacy and server communities. These acts make visible the seams and fissures of concealed undercurrents and schemata of infrastructures. The findings reveal utterly different relationships between webserver providers and clients. Drawing from extensive fieldwork and observational analysis, we show how the choreography of happenings is seeding the ground for participatively co-designing the transfiguration of planetary computing into one that is scalable, visceral, and restorative. We welcome these nascent pathways to guide us to an enigmatic realm upon which theories of co-design could dance in communion with a realm that is *to-come*.

### ARTICLE HISTORY

Received 26 February 2021  
Accepted 16 December 2021

### KEYWORDS

Agonism; corporeality; feminist codesign; holistic computing; infrastructuring; materialist informatics

# systerserver

Syster Server offers services to feminist, queer and antipatriarchal groups and collectives. The syster server is run by feminists, using free software only. It acts as a place to learn system administration skills, host services and inspire others to do the same.

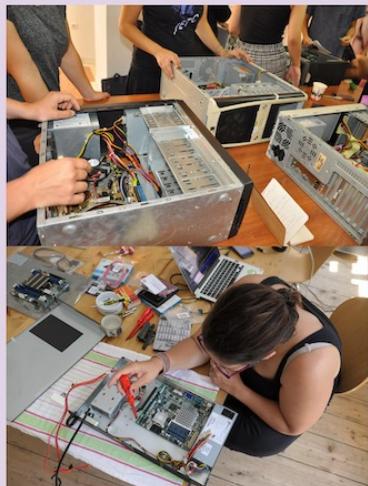
We try to meet once a week. At the moment we are using a Talk installation on our nextcloud instance: <https://cloud.systerserver.net/>

Other services we host in our servers:

Gitlab  
Mastodon  
Mailing lists  
Technical docs

VPN zines  
*/etc* -- eclectic tech carnival  
A peertube instance -- coming soon

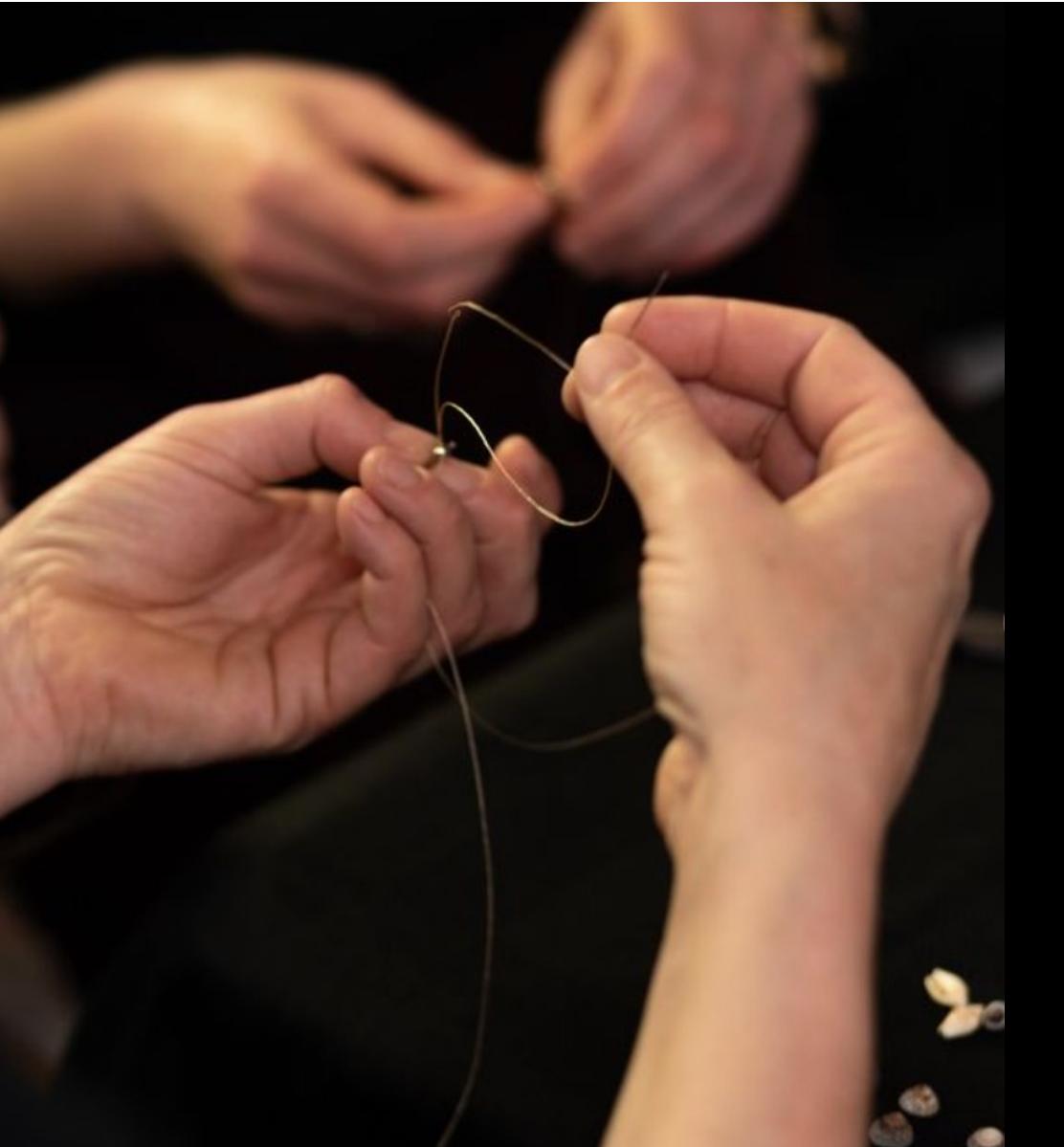
Contact us at: [contact@systerserver.net](mailto:contact@systerserver.net)



Assembling the inner parts of server 'Adelle', the feminist webserver hardware that rests in a stack rack in the home of one of the SysterServer.net founders. Image: NM-F



Female Gender Changer (two sides with pin holes -female) talisman gifted to the graduate of the GCA. This socket typically connects to a Male Gender Changer (two sides with pins -male). Image: NM-F



Interventions into Infrastructure through feminist codesign for digital connectivity conservation

