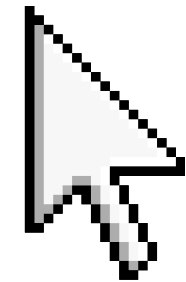


Introduction to

THE PEOPLE'S SERVER WORKSHOP

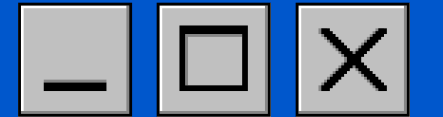
UNDERSTANDING THE BASICS



Start







COLAB NOTE TAKING DOC

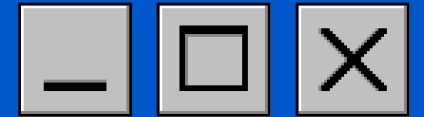
- Write questions or comments
- write check point reflections
- Dump resources



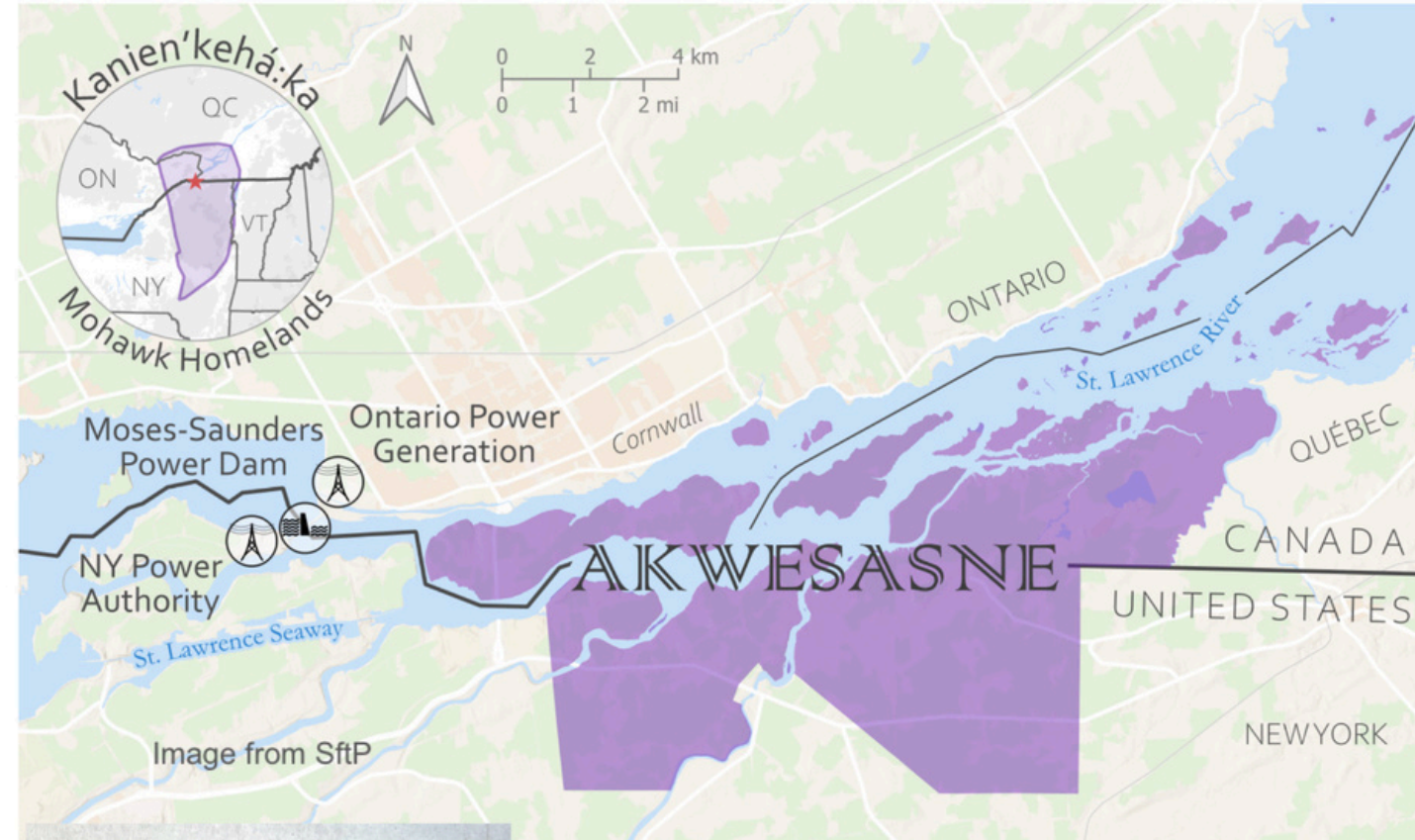
<https://cryptpad.fr/doc/#/2/doc/edit/Mwau9mgmkwJ70vEsPf8qS85H/>



The People's Server Workshop



Home Content Contact

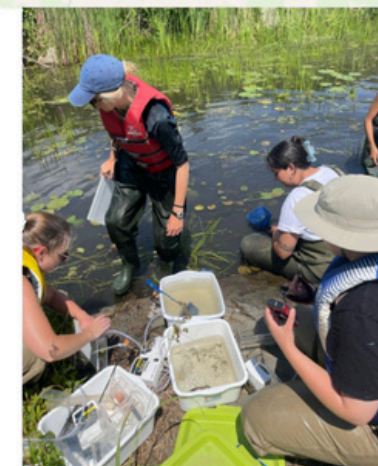


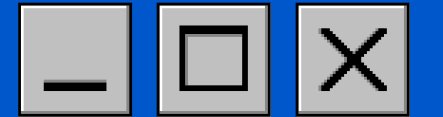
Insurgent Research (Adam Gaudry, 2011)

Whether “to inspire direct action, to propose an alternative means of supporting people suffering the harmful effects of colonialism, or to reimagine traditional forms of governance in Indigenous communities,” insurgent research is dependent on the intent of enacting self-determination.



Marina Johnson-Zafaris, front left, stands Tuesday with five other people arrested with her during a peaceful land claim demonstration on Barnhart Island on May 21. She is holding a birthday cake, as her court appearance date was her 26th birthday. Also in front are Larry Thompson and Dana Thompson. In back are Kim Terrance, Brent Maracle and Gabe Oakes. Andy Gardner/Special to the Telegram



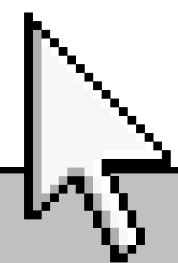


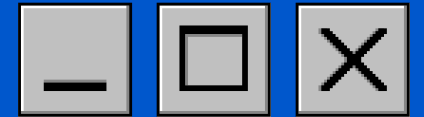
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- Q1 – HOW HAVE SETTLER COLONIAL REGIMES AND INSTITUTIONS WIELDED COMPUTATIONAL TECHNOLOGIES IN A MANNER THAT BREACHES THE INHERENT LIBERTY OF INDIGENOUS PEOPLES?
- Q2 – HOW CAN WE WRECK, CO-OPT AND REASSEMBLE SETTLER COMPUTATIONAL TOOLS INTO ANTI-COLONIAL CONTRAPTIONS THAT DEFEND INDIGENOUS LIBERATION AND SELF-DETERMINATION?
- Q3– HOW CAN COMPUTATIONAL TECHNOLOGIES BE CULTURAL AND SOCIO-POLITICAL SUPPORTIVE INSTRUMENTS FOR INDIGENOUS PEOPLE, CONFIGURED IN A WAY THAT HONORS THE LAND AND OUR WATERS?





VICE News

Canada Funds High-Tech Drone Campaign Against Mohawk Tobacco Trade

The Canadian government won't investigate the murders of indigenous women, but will spend millions to spy on Mohawk contraband business.

Listen to this article now 8 min listen

00:00 A 🔗 🕒 🕒 1.0x -08:20

Powered by [Trinity Audio](#)

By [Muna Mire](#)

THE ALGORITHMIC VIOLENCE IS NOT BOUND TO THE CLOUD



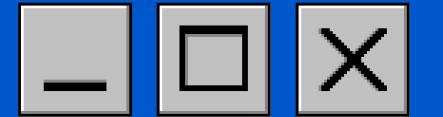
State surveillance has a big impact on the way RCMP treat Indigenous land defenders. Listen to our podcast for more info. Here, RCMP officers walk toward an anti-logging blockade in Caycuse, B.C., in May. THE CANADIAN PRESS/Jen Osborne

Intense police surveillance for Indigenous land defenders contrasts with a laissez-faire stance for anti-vax protesters

Published: October 27, 2021 9.14am EDT

[Jeffrey Monaghan](#), Carleton University





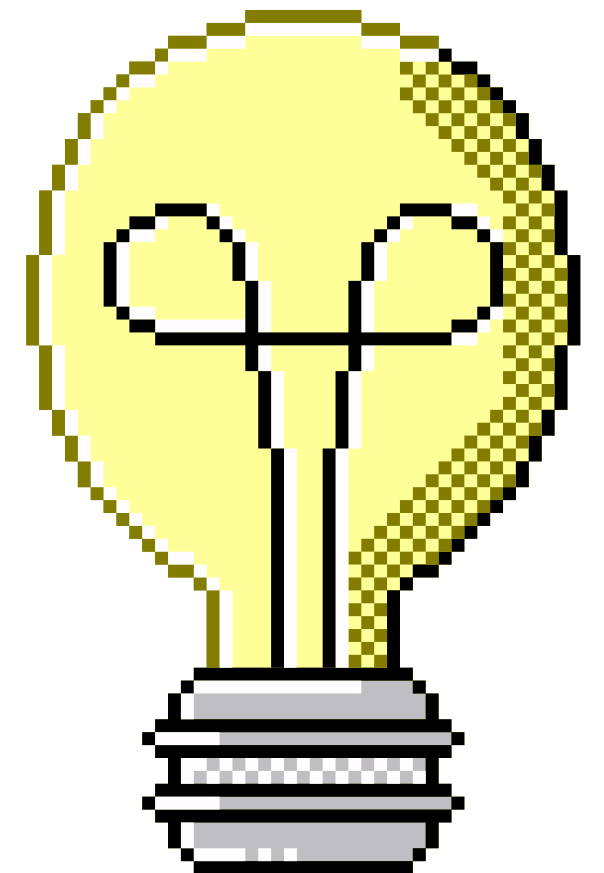
CHECKPOINT 1

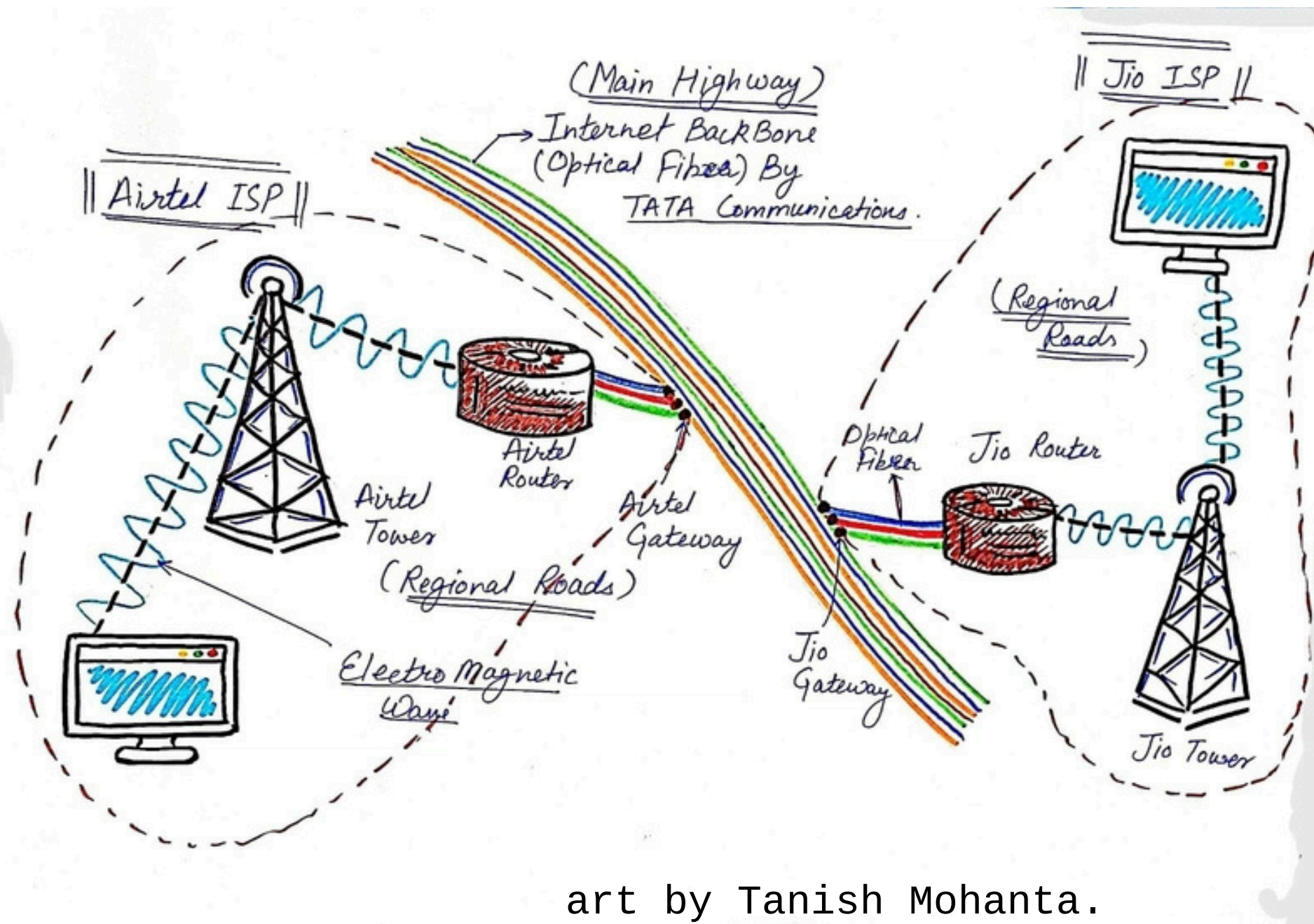
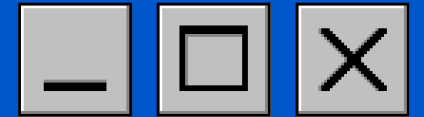


10 min discussion, in groups of 5 or 6

Have you experienced or witnessed algorithmic or computational violence/injustice? When or where did it happen?

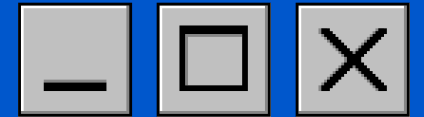
Did you or others perceive it as something "encoded" or just a "glitch" in the system? Do you think this is something that can be "debugged"?





- You like a photo
- Digital command → radio waves
- Waves → cell tower
- Cell tower → signal
- Fiber optic cables
- Data center arrival
- Server is thinking...
- All good!
- Go back down internet highway
- Color heart pink





Types of Data Centers

- Enterprise - Single company owned
- Colocation - Shared facilities, rented space
- Edge - Small, low-latency
- Hyperscale - Massive cloud-scale facilities driving AI growth



Walmart unveils new 350-acre home office campus in Bentonville

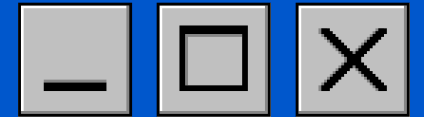


Updated: 9:42 PM CST Jan 17, 2025

[Editorial Standards](#) ⓘ

BENTONVILLE, Ark. — After six years of planning and construction, Walmart unveiled part of its new home office campus on Friday afternoon. This is a multibillion 350-acre campus that was first introduced in 2019.





Types of Data Centers

- Enterprise - Single company owned
- Colocation - Shared facilities, rented space
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- Hyperscale - Massive cloud-scale facilities driving AI growth

Hydro-Québec proposes doubling electricity rates for energy-hungry data centres

Feb 19, 2026 Updated Feb 19, 2026

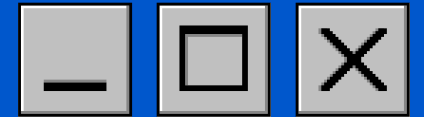
THE CANADIAN PRESS 
Canada's trusted news leader

MONTREAL - Quebec's hydro utility is seeking to significantly raise electricity prices for data centres and cryptocurrency operations.

Hydro-Québec has asked the province's energy board to hike rates for new data centres to 13 cents per kilowatt hour — roughly double the price it charges to customers that consume large amounts of power.

In a news release, the provincially owned utility says electricity prices for data centres already connected to the grid will rise to the new rate gradually over five years.





Types of Data Centers

- Enterprise - Single company owned
- Colocation - Shared facilities, rented space
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- Hyperscale - Massive cloud-scale facilities driving AI growth

[HOME](#) > [NEWS](#) > [THE DATA CENTER CONSTRUCTION CHANNEL](#)

Irish planning body approves two EdgeConneX data centers, overruling local council's refusal

Facilities will cover a total floor space of 15,000 sqm

August 11, 2025 By: Jason Ma [Have your say](#)



The Irish planning body An Coimisiun Pleanala has [approved](#) two data centers, overruling the local council's refusal to give the facilities planning permission.

In 2023, the Irish arm of American data center operator EdgeConneX lodged an appeal against the South Dublin County Council's decision to reject a proposal for two adjoining data centers on Newcastle Road in the village of Lucan, Dublin. The facilities were proposed as two single-story facilities covering a total floor space of 15,000 sqm (161,500 sq ft) along with 24 backup diesel generators.



Types of Data Centers

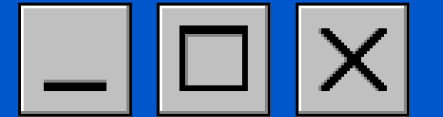
- Enterprise - Single company owned
- Colocation - Shared facilities, rented space
- Edge - Small, low-latency
- Hyperscale - Massive cloud-scale facilities driving AI growth

'Community Benefits' from a Hyperscale Data Center are a Mighty Tall Order

GREG LEROY / FEB 26, 2026

Saline, Michigan, December 1, 2025. Rural Michigan residents rallied against the \$7 billion Stargate data center planned on southeast Michigan farm land. Protesters say the data center is being fast tracked by DTE Energy, the large electric utility, and that it could raise residential electricity rates and endanger the water supply. (Photo by: Jim West/UCG/Universal Images Group via Getty Images)



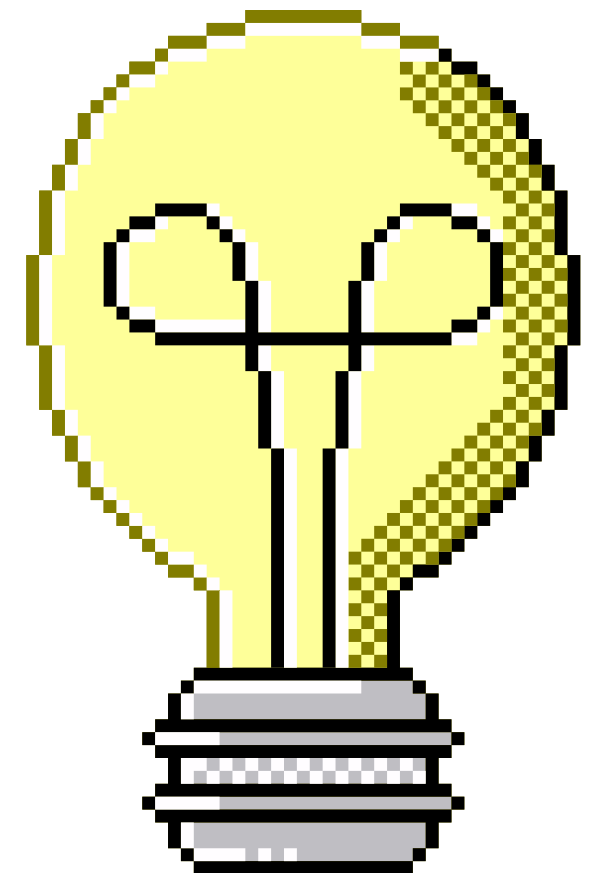


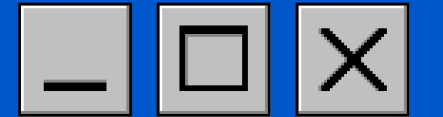
CHECKPOINT 2



10 min discussion, in groups of 5 or 6

Now that we covered some of the infrastructure of data, do you or how do you encounter the material impacts of the growing space of datafication?

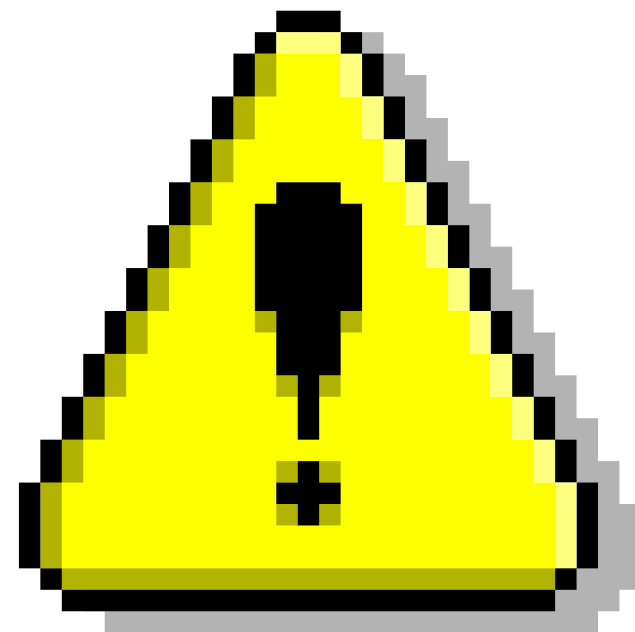




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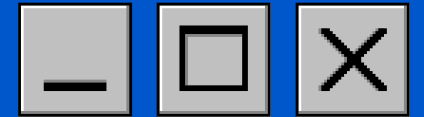


**TRAD AI
VS
GEN AI**

Power density, Network demand,
GPU Boom, Cooling requirements



THE CLOUD IN OUR BACKYARDS



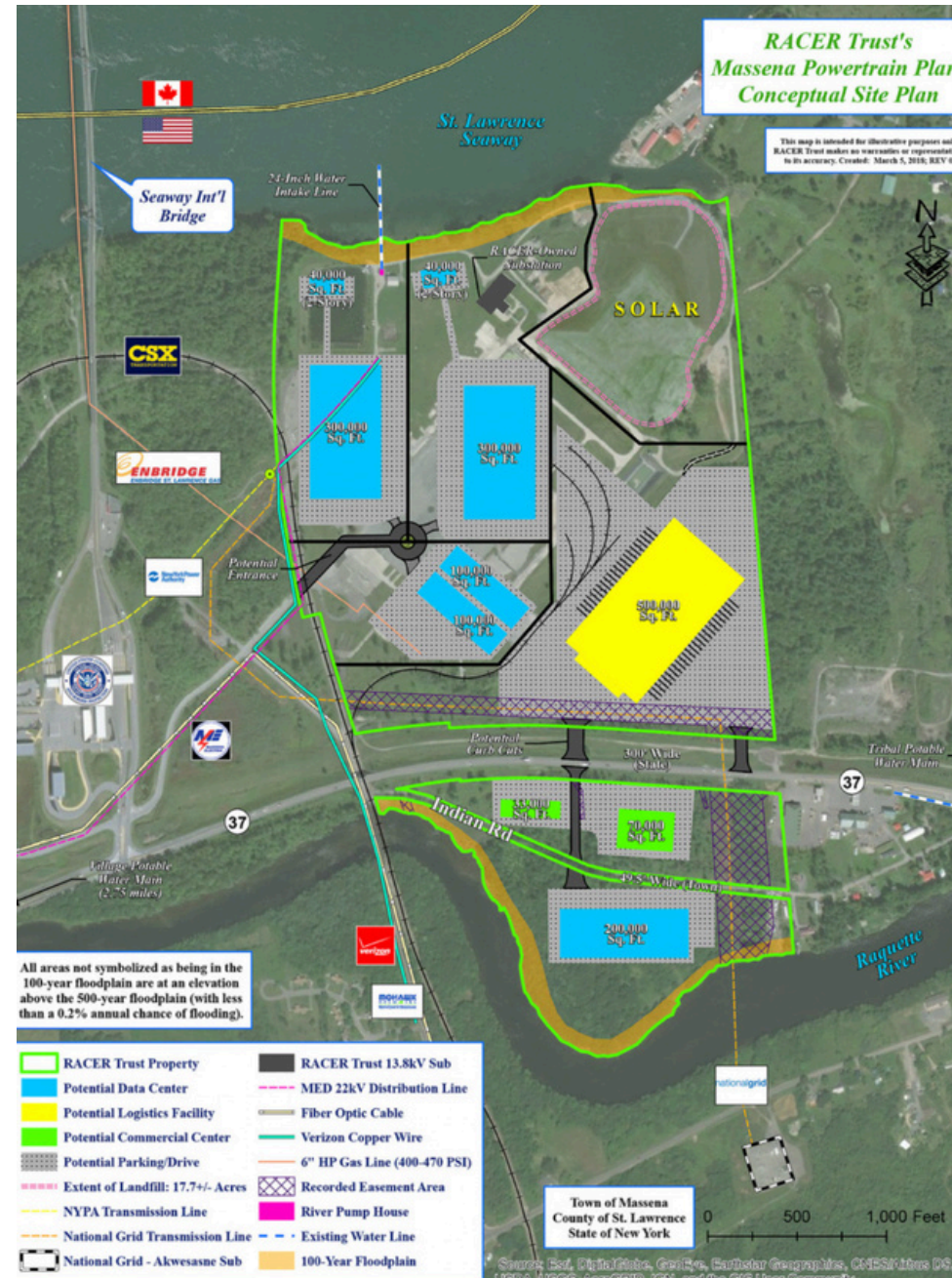
Town of Massena eyeing code changes for data centers in industrial zones

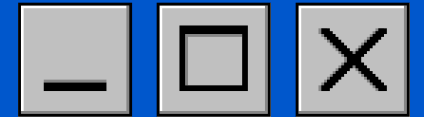
Public hearing to be held Jan. 21 for public input



Coinmint, parent company of NCCS, announced a strategic partnership with NYDIG to expand the operation in Massena. Officials say the plan will significantly increase the workforce at the former Alcoa East plant. (Photo courtesy of NCCS)

Posted Thursday, January 15, 2026 5:09 pm





Targeting:

- * Available land- either rural, industrial urban areas
- * Cheap electricity, pre-established electric lines
- * Lenient environmental regulation
- * Tax breaks for job creation
- * Proximity to fiber optic infrastructure

Communities are now:

- Facing drought or water shortage
- Experiencing grid stress
- Dealing with housing shortages or decrease in property values
- loss of farmland/green space
- Dealing with noise issues
- Dealing with air pollution
- and also facing all unprecedented environmental impacts



intersectional environmentalist x THE SOLUTIONS PROJECT Black Climate Week

About 3,000 data centers are currently operating nationwide, with an additional 1,000 estimated to be built.

A MediaJustice review identified more than \$200 billion in Southern data infrastructure projects landing in communities long used as sacrifice zones, where residents already face heightened health and economic harm.



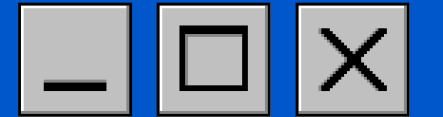
Combahee Unit impoundment at E.F.H. ACE Basin NWR, Bryan Woodward, Public Domain



Courtesy of the SELC

Communities within 1 mile of these massive data center campuses are "overwhelmingly" non-white.





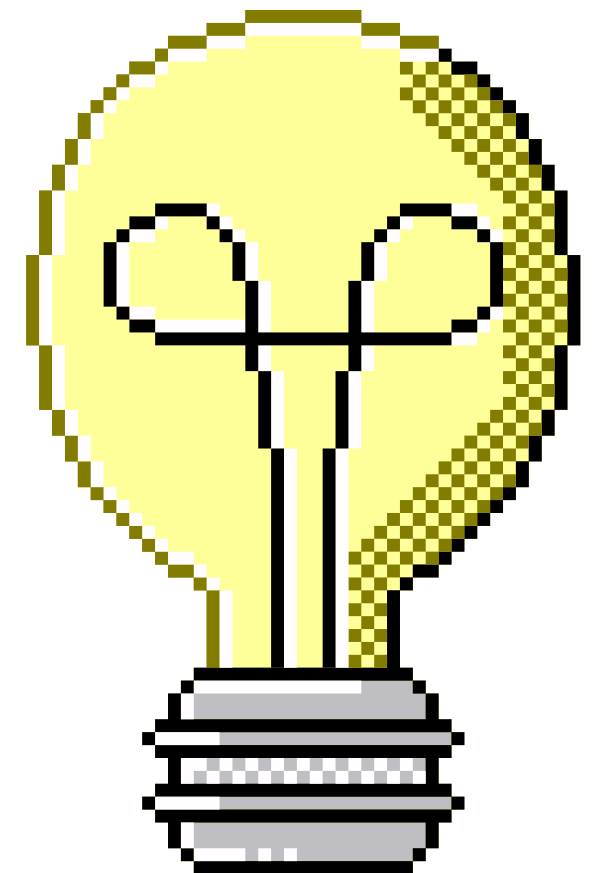
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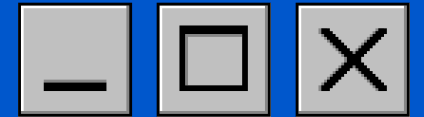
CHECKPOINT 3



10 min discussion, in groups of 5 or 6

Which parts of your datafied life do you feel like you have the most autonomy or control over and which aspects do you feel as if you have the least autonomy over?





TYPES OF RESISTANCE



Digital Minimalism and Regulating your Data Diet:

- Reduce Cloud Dependency
- Deleting unused files
- Limit social media usage
- Question AI/GenAI embedded in platforms
- Change your search engine
- Transition to Opensource and encrypted platforms
- ***Build your own server***

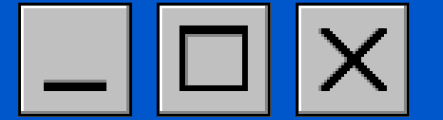
Civic Action and political engagement:

- Voting in local zoning decisions
- Advocating for moratoriums and cap on data center use

Material help to those that are actively resisting

- Donate \$ to legal funds and organizations conducting community events
- Donate time as a volunteer researcher
- If there is a call out to help with physical, on-ground resistance efforts



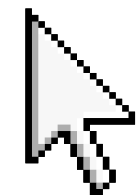


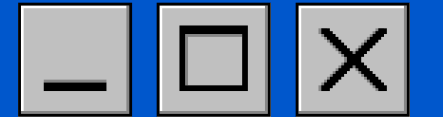
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QUESTIONS & COMMENTS





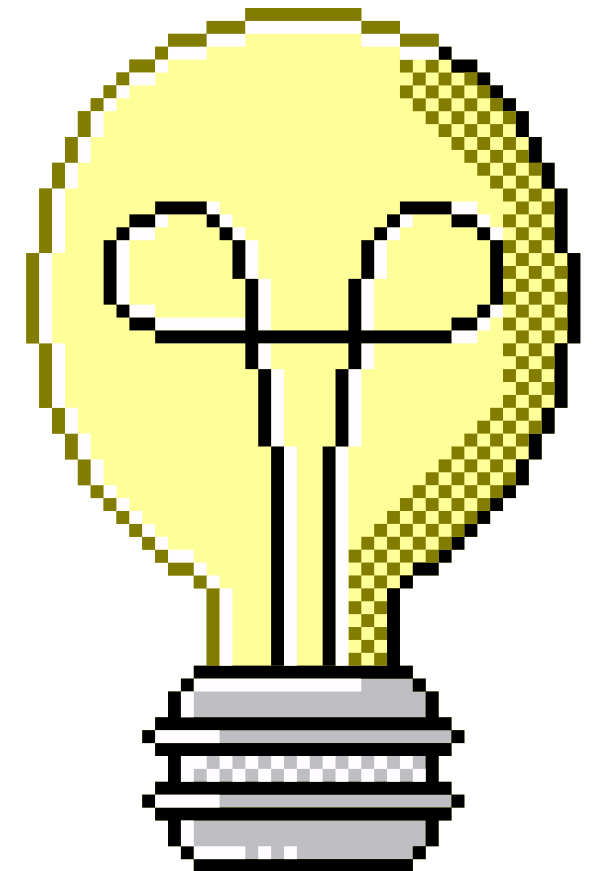
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CHECKPOINT 4

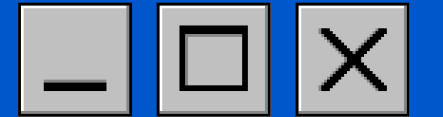


10 min discussion, in groups of 5 or 6

What level of experience or knowledge do you have with coding or computer hardware system?

What knowledge are you interesting in learning/sharing?





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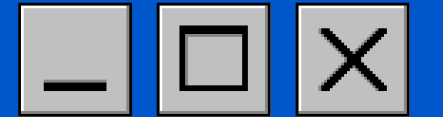


WHAT IS A SERVER?



- Tbh its just a computer
- A server respond to requests from other devices across a network
- Range in size (hardware wise)
- Types:
- web, email, file, database, media, etc.

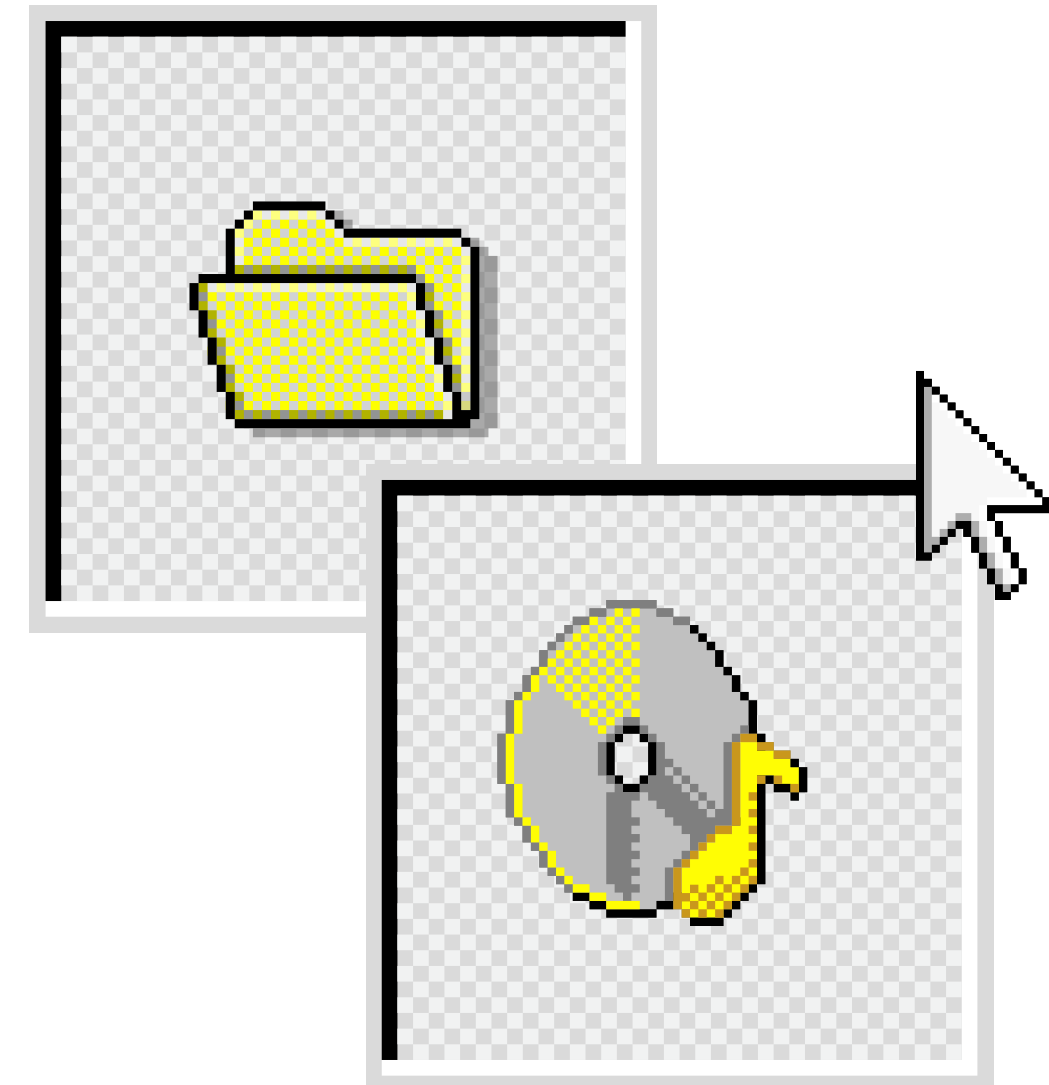


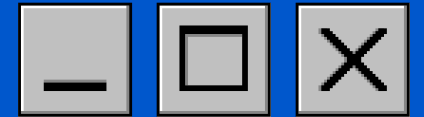


The Perks of Running an At-Home Server

- Privacy
- Long-Term Cost Efficiency
- Control Over Features and Updates
- Technical Literacy and Empowerment

**WHY SHOULD I HAVE
ONE AT HOME?**





Computer Specs:

- 8 GB Minimum RAM
- Motherboard has Gigabit Ethernet/ Sufficient ethernet ports, and USB ports
- Decent CPU/GPU
- Reliable power supply input cord



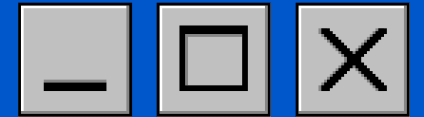
**WHAT DO I
NEED FOR
SET-UP?**



You'll need:

- Computer (I recommend desktop tower)
- USB (at least 5 gb)
- Reliable power source
- Wifi router with an ethernet port
- Ethernet cord

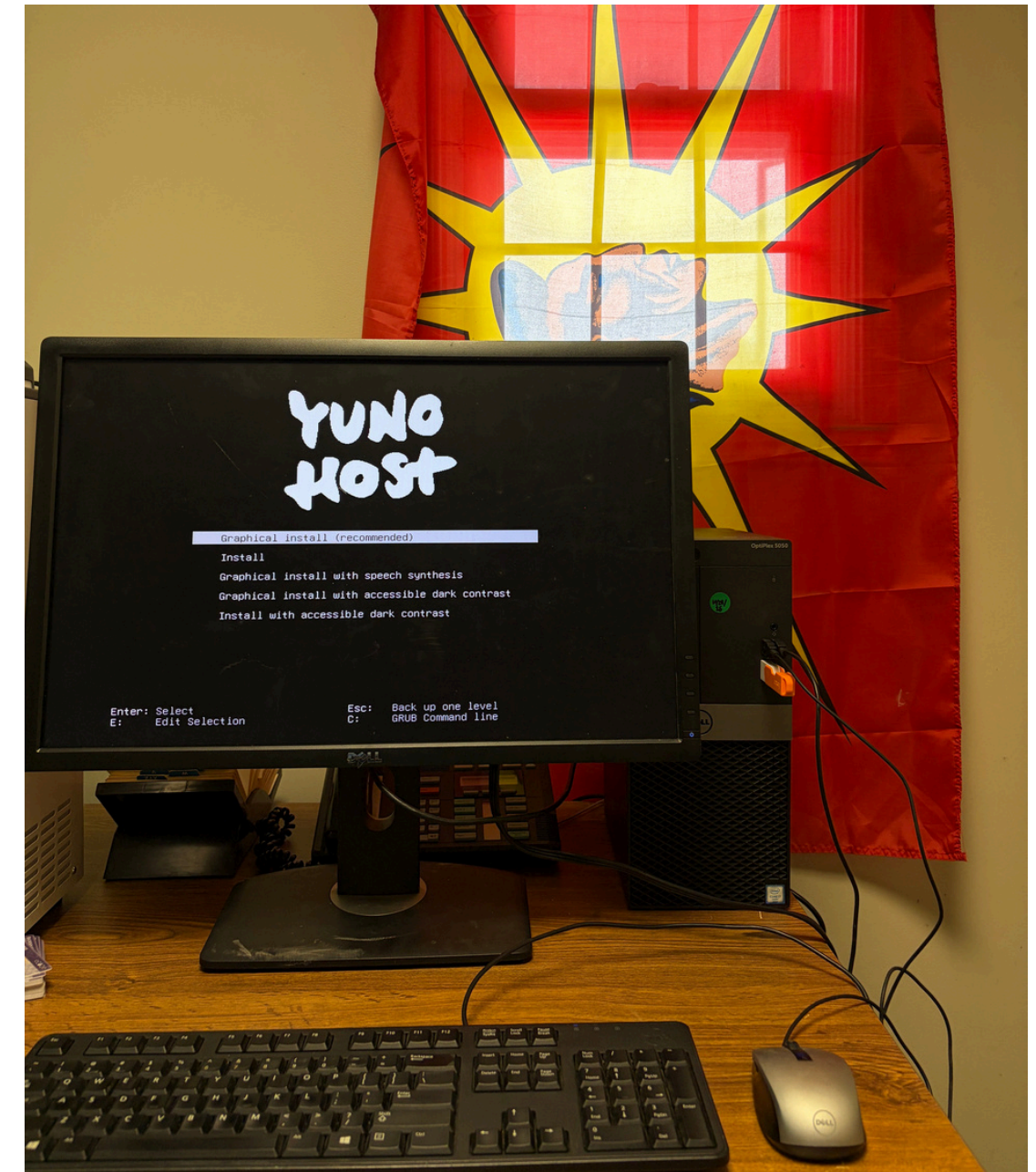


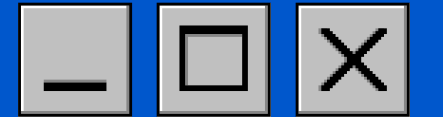


WHY YUNOHOST?



- Open source and beginner friendly
- YunoHost handles:
 - Reverse proxy configuration
 - User management
 - App installation
 - Backup systems

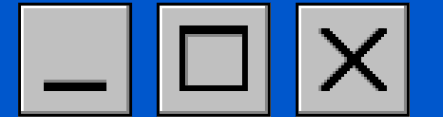




STEP 1 – BOOT

- Plug your computer into a power source
- Connect it to your home router via Ethernet
- If using a desktop tower, connect: (only needed for initial start up)
 - Monitor
 - Keyboard
 - Mouse
- Insert your USB drive
- Power on the computer



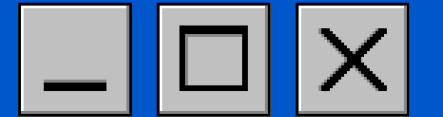


STEP 2 – BOIS



- As the computer powers on, enter the BIOS menu
- Common keys to press repeatedly:
 - F9, F10, F11, F12, DEL, ESC, or Alt
 - (Check your hardware documentation beforehand)
- In BIOS:
 - Set the USB drive as the primary boot device



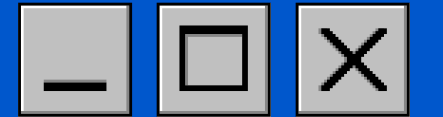


STEP 3 – INSTALL

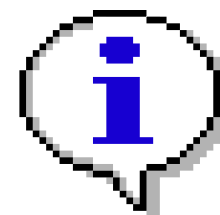


- Select Graphical Install
- Choose:
 - Language, Location, Keyboard layout, Timezone
- The installer will:
 - Download required packages
 - Install the system
- You will:
 - Choose the installation disk
 - Confirm disk erasure
- Wait for the "Installation Complete" message





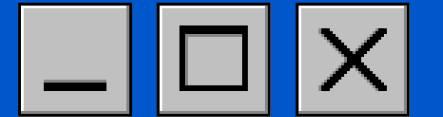
- On a separate device connected to the same network:
- Open a browser
 - Type `https://yunohost.local`
- If that doesn't work:
 - Go to the server screen command line
 - Run: `hostname --all-ip-address`



STEP 4 – CONNECTING

- Log in if prompted
 - Username: root
 - Password: yunohost (default before setup)
- Copy the local IP address (usually starts with 192.168.x.x)
- Enter it in your browser:
 - `https://xx.xx.xx.xx`
- You will be prompted for initial configuration



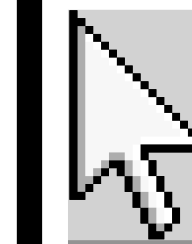
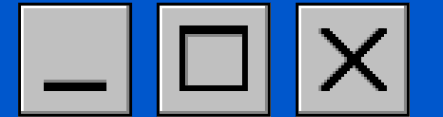


STEP 6 – DOMAIN



- Choose a Domain
- This will be used by users to access the server
- Option 1 – Free YunoHost domain
 - Formats: `yourname.nohost.me`, `yourname.noho.st`, `yourname.ynh.fr`
- Automatically configured if available
- Option 2 – Use Your Own Domain
 - Enter your domain
 - Configure DNS settings later



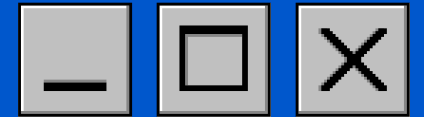


STEP 7- USER



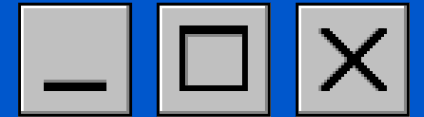
- Create a username and password
 - The first account is automatically added to the Admins group
- You can later:
 - Add more users
 - Add users to the Admins group
 - Share access with friends, family, comrades ;)





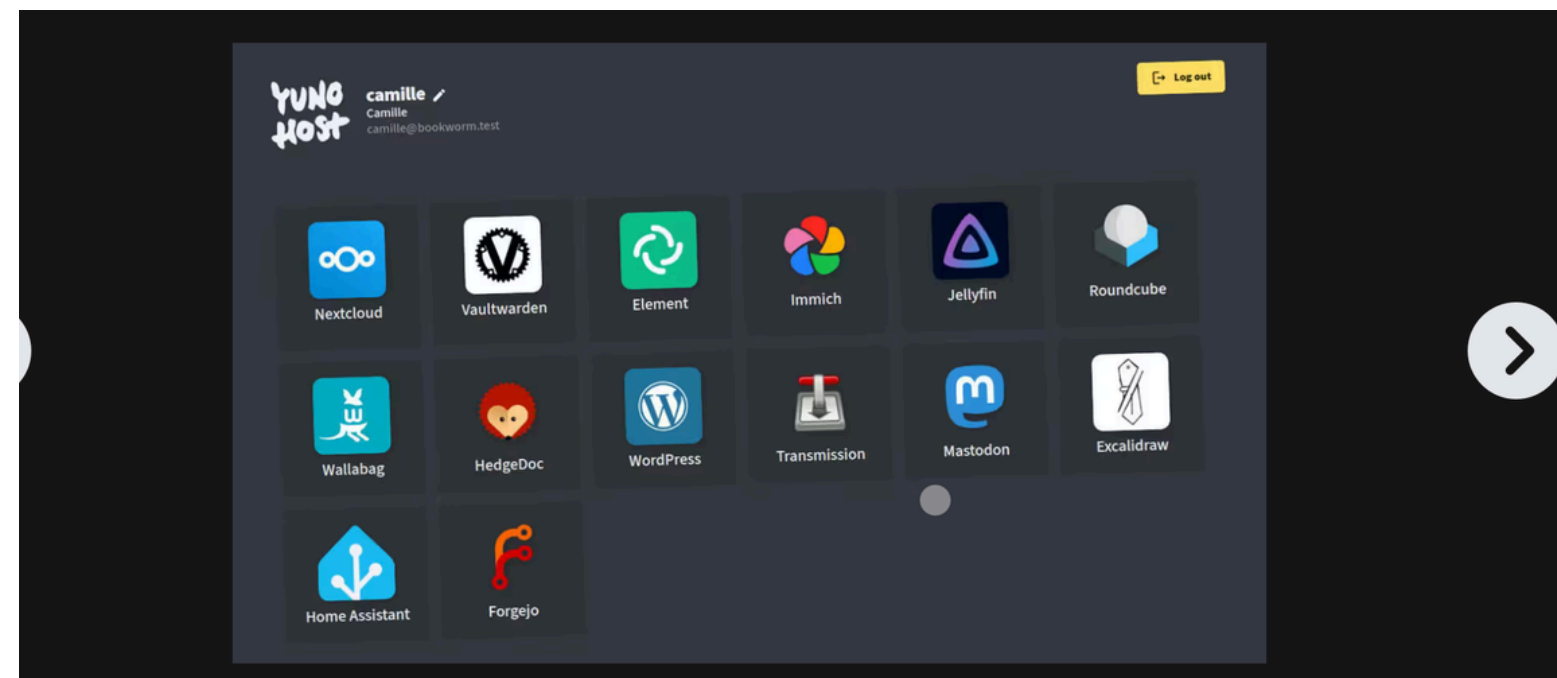
- After post-install:
 - Log into the web admin interface
 - Run the Diagnosis system
- The diagnosis:
 - Validates server configuration
 - Guides you to fix issues
- *First run may show yellow/red alerts*
- This is normal – you may need to:
 - Configure DNS records
 - Set up port forwarding on your route
- Once DNS and port forwarding are configured:
 - Install a Let's Encrypt certificate
 - Removes browser security warnings
 - Secures your site for visitors





- Inside the YunoHost dashboard:
 - Browse available applications
- Choose apps that:
 - Improve your privacy security
 - Replace large private platforms
- Build a self-hosted ecosystem tailored to your needs

STEP 9- EXPLORE

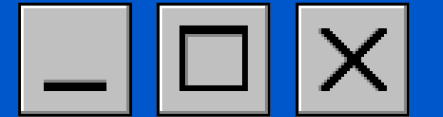


Examples of uses

For you and your friends	For small organizations
<ul style="list-style-type: none">• synchronize your calendars and contacts• keep your passwords and notes safe• host mailboxes• organize your photos, videos and music• join alternative social media	<ul style="list-style-type: none">• host your own website• share files in common (e.g. with Nextcloud)• edit multiple documents in real time• manage your accounting• set up a team chat

[Explore the app catalog](#)





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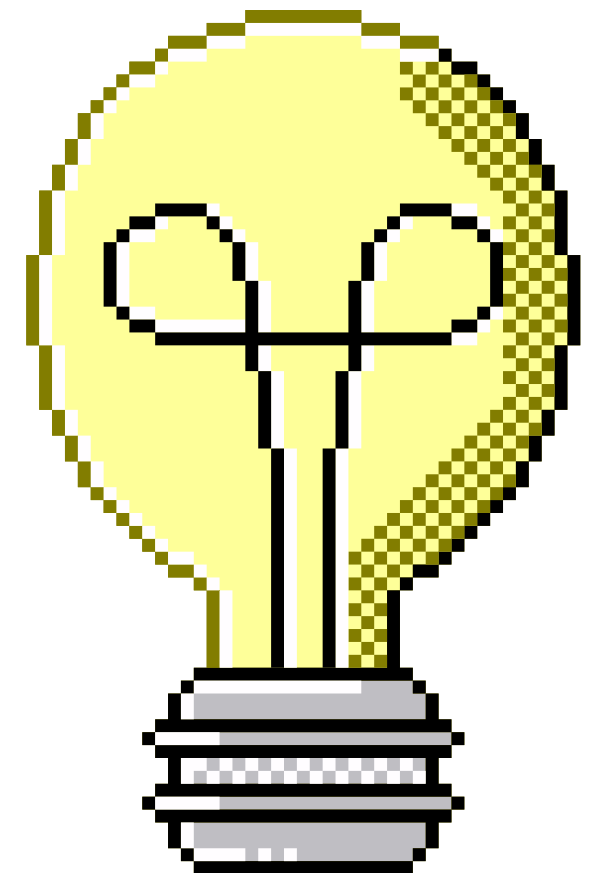
CHECKPOINT 5



10 min discussion, in groups of 5 or 6

Do you feel more confident or comfortable in DIY server?

Are there any other resources you would need to be able to launch a server?



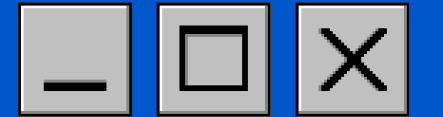
Join our Signal for Sever Skill Share



Indigenous Approaches to Artificial Intelligences

Abundant Intelligences is an Indigenous-led research program that conceptualizes, designs, develops, and deploys Artificial Intelligence based on Indigenous Knowledge systems.

5Gb USBs available, Niá:wen
Abundant Intelligences Team



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QUESTIONS & COMMENTS NIÁ : WEN

