

Introductions & What is Homelabbing?

Welcome to the Club!

President

Nick Curtis

Treasurer

Jason Pang

Developer

Clara Gong

Staff Advisor

Megan Steeley

Why though?

- Community
 - Share knowledge
 - Troubleshoot
 - Resources (servers, drives, etc.)
 - Show off cool things
- Encourage others
 - Talks/projects
 - Sharing ideas for experiments

What We Do

Talks

- Tell members about cool and interesting things they might like
- Give background explanations on current network / software procedures

Projects

- First-hand experience
- Introduce you to something
- Help you get started

Socials

- Board game nights / hangouts
- Show and tell

Logistics

Meetings

Tuesday 5-6, in IRB 3137

RSVPs are required on project weeks to secure a machine.

- Can come without RSVP, but spots won't be guaranteed

Preliminary Schedule

Sept. 22nd (next week):
DNS Talk

Sept. 29th: DNS Project

Member Feedback

We want to hear from you!!

What kind of topics do **You**
want to see?

Vote in the Discord poll for
topic ideas

Club Resources

Discord:

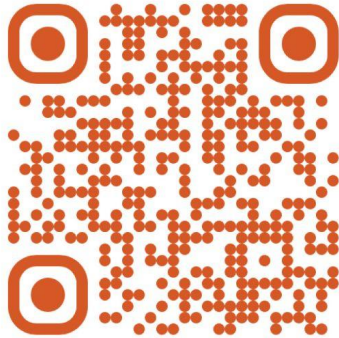
- <https://discord.gg/H6MsBwSTwZ>
- Q&A
- Chat with others
- Reach out to officers

Website:

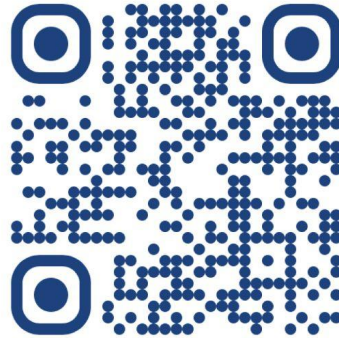
- <https://suddenlysixam.club/>
- Knowledge well of past information
- Information about meetings

Question, comments, concerns?

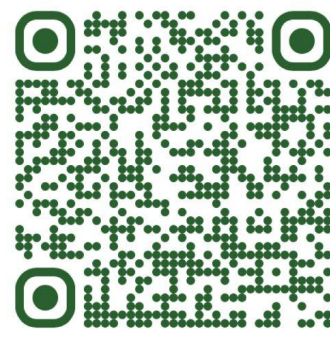
Website



Discord



Termlink



What is homelabbing?

And other important info

Let's break it down

“Lab”

A place to experiment

- Try new things
- Test out different ideas
- Hypothesise, tinker, and fall flat on your face

“Home”

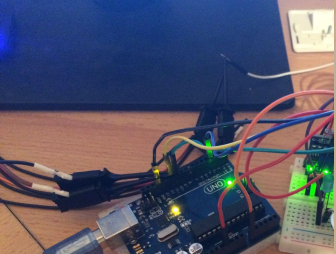
It's private and personal

- No one has access
- No one can judge
- You do it how you want
- Your setup affects no one but yourself

In a professional setting,

- Try something new without fear of breaking a “production” environment

What does a homelab look like?



Benefits of a Homelab

- Data privacy: in your home with your devices so under your control
- Economics: in certain cases if you want to avoid selling data or paying subscription can self host services
- Adaptability: self hosting allows for customization and greater control over choices made

What Should I Do for My Homelab Hardware?

Work with what you've got

- Fancy is not necessarily better

Acquire more as you go to fit your needs

Homelab Club uses Raspberry Pi 4s

- Cheap, abundant, highly configurable

What OS is Best for a Homelab?

Whichever one is best at the time:

- Windows
- MacOS
- Linux Distributions
 - Ubuntu / Debian
 - Red Hat / Fedora
 - Gentoo
 - Arch
 - Kali
- Build your own (Linux from scratch)

How Do I Start?

Pick something, learn what you can, and go to town.

There is no “right” way to start, because there is no “right” way to do any of this.

Check the website for examples, or ask in the discord

Questions?