

Cloud-V: Becoming the first official RISC-V Lab Partner

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A Technical Barrier

There is already optimized RISC-V hardware available in the market but software optimization is lacking. Without software availability, users lose motivation to buy RISC-V hardware. Purchasing a RISC-V compute instance and setting up environment for software development costs time as well as money.

B Goal

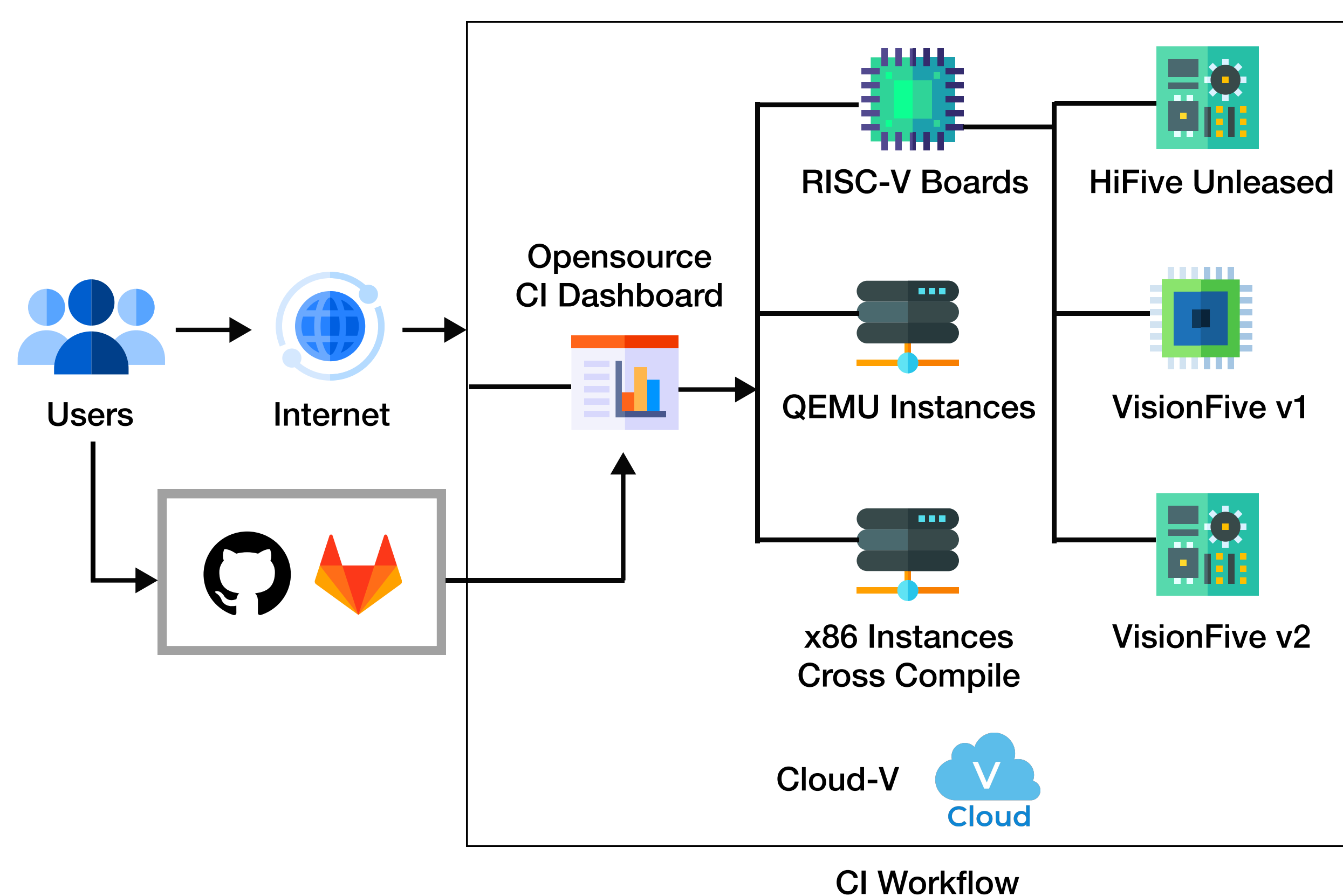
Providing remote access to RISC-V emulated as well as physical compute instances around the globe to developers

C What is RISC-V Labs

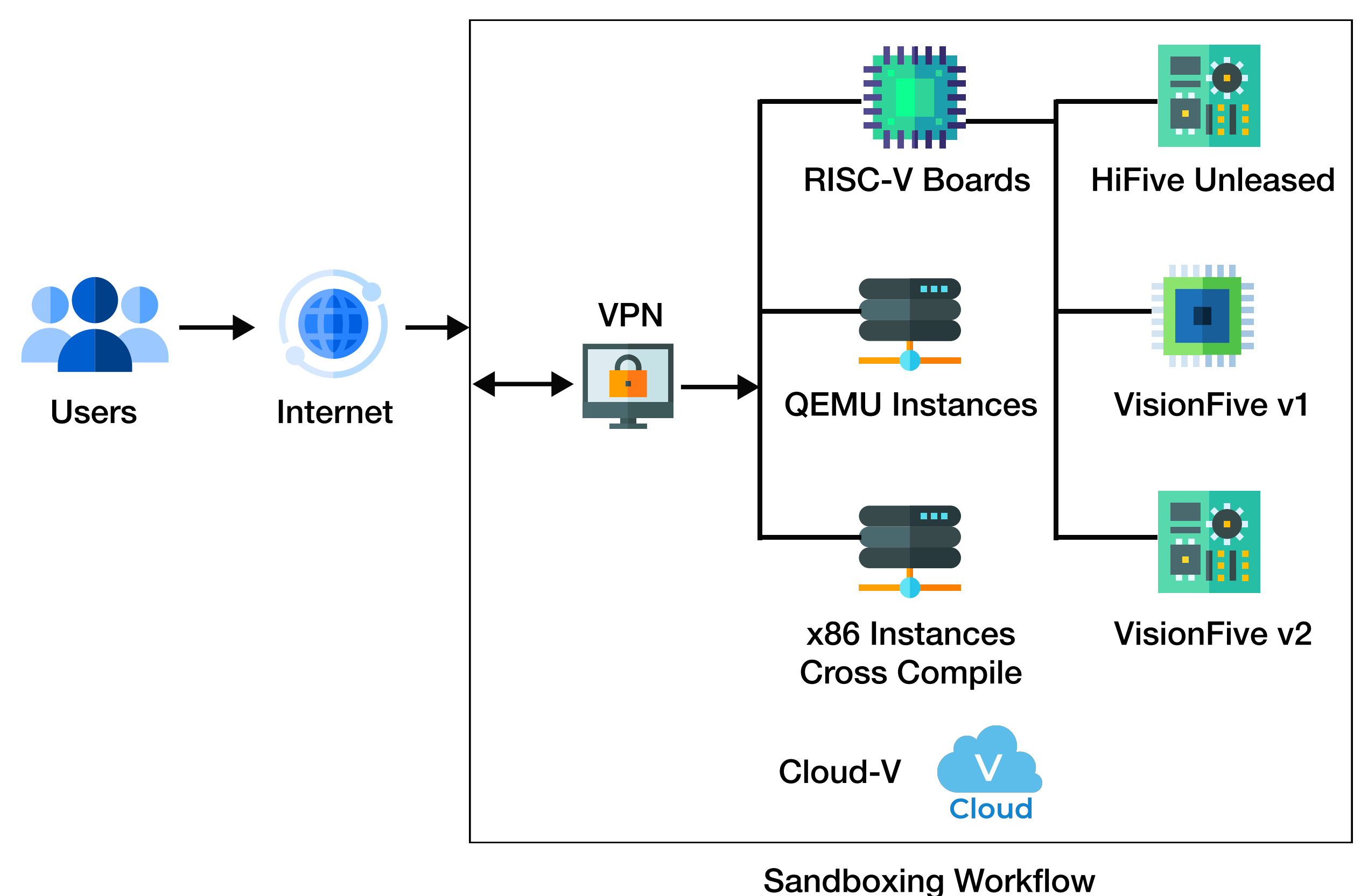
RISC-V Labs is the special interest group of RISC-V International which brings together member companies to provide resources that software developers need to build, port and test their software on RISC-V instances (visit riscv.org/risc-v-labs/)

D Applications

Continuous integration: Users can benefit by integrating their repositories available on version control systems like GitHub, GitLab

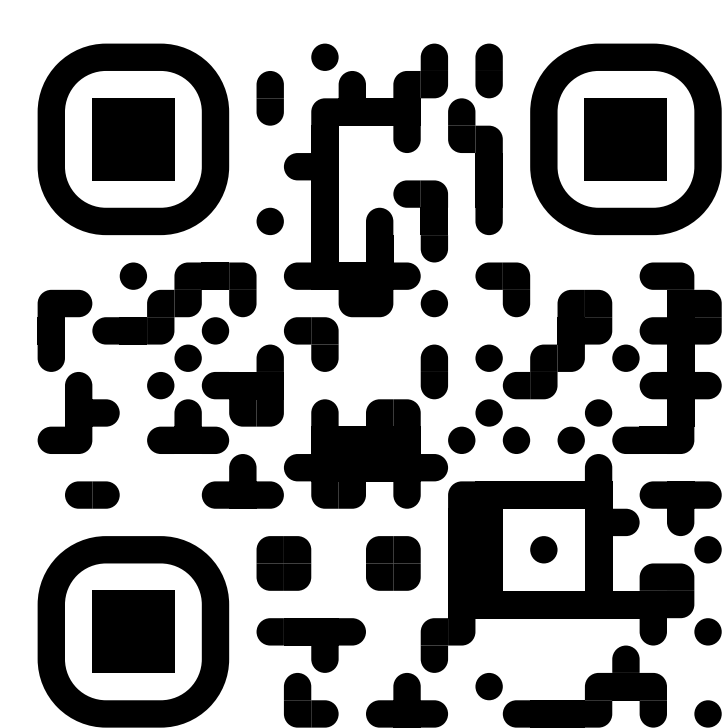


Direct Sandboxing Access: Users can get remote access to the compute instance and start development in console.



E Cloud-V: The First RISC-V Lab partner

Cloud-V (<https://cloud-v.co>) is a vendor-neutral, mostly open-source R&D project of 10xEngineers that provides remote access to RISC-V Compute instances. Cloud-V worked as a key partner of RISC-V labs for over a year and became the first member of RISC-V labs.



F Conclusion

RISC-V Labs & Cloud-V provide a collaborative platform for the community to develop the RISC-V software ecosystem with open-source labs.

