

# CI/CD with Jenkins

Akraino community has a public jenkins cluster, we run CI jobs there. But the CD jobs, we need to run them in our private Jenkins cluster. For now, we support only one node private jenkins deployment. The only supported OS is ubuntu 18.04

## Akraino community Jenkins

The akraino community jenkins is at <https://jenkins.akraino.org/view/icn/> , it runs CI jobs which triggered by gerrit patch. In return, jenkins pushes the CI check result back to gerrit.

We have added [icn-master-verify](#) job for icn project. Also we have added a slave node on which we run our icn CI job. To add more slave nodes, see the akraino jenkins guide [Jenkins Peering Guide](#)

## Akraino private Jenkins

For the CD jobs, we run them in our private jenkins cluster. We have several one-node private jenkins clusters. Each one is for an use case.

To setup a private Jenkins, we can refer to the readme.md <https://gerrit.akraino.org/r/gitweb?p=icn.git;a=blob;f=ci/README.md;h=3536070480950b75922f0713ce5d6e2d29b2c24b;hb=refs/heads/master> . The steps are well documented there.