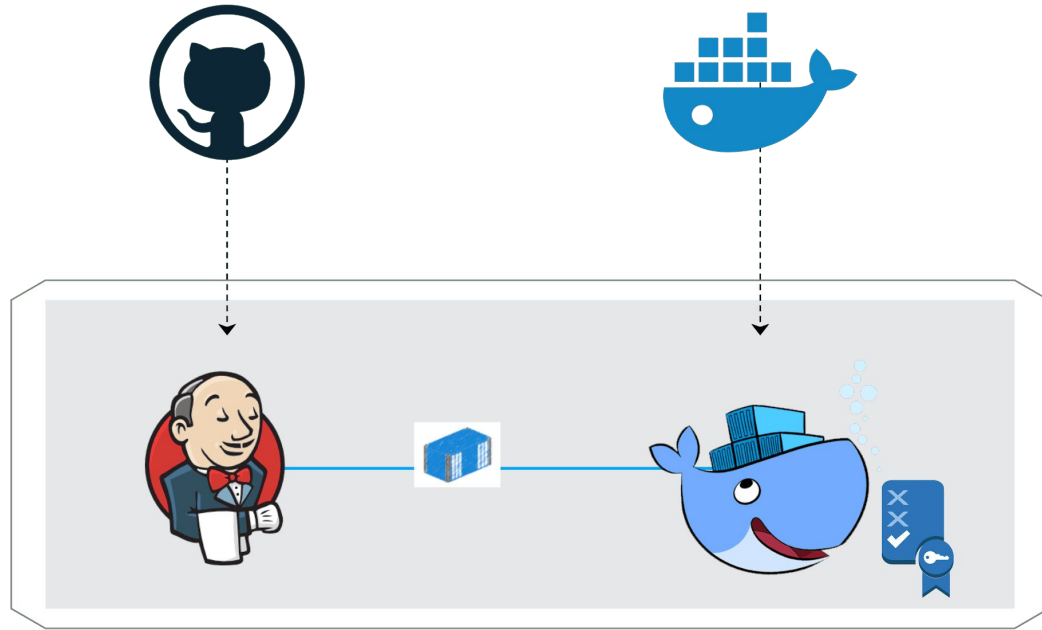
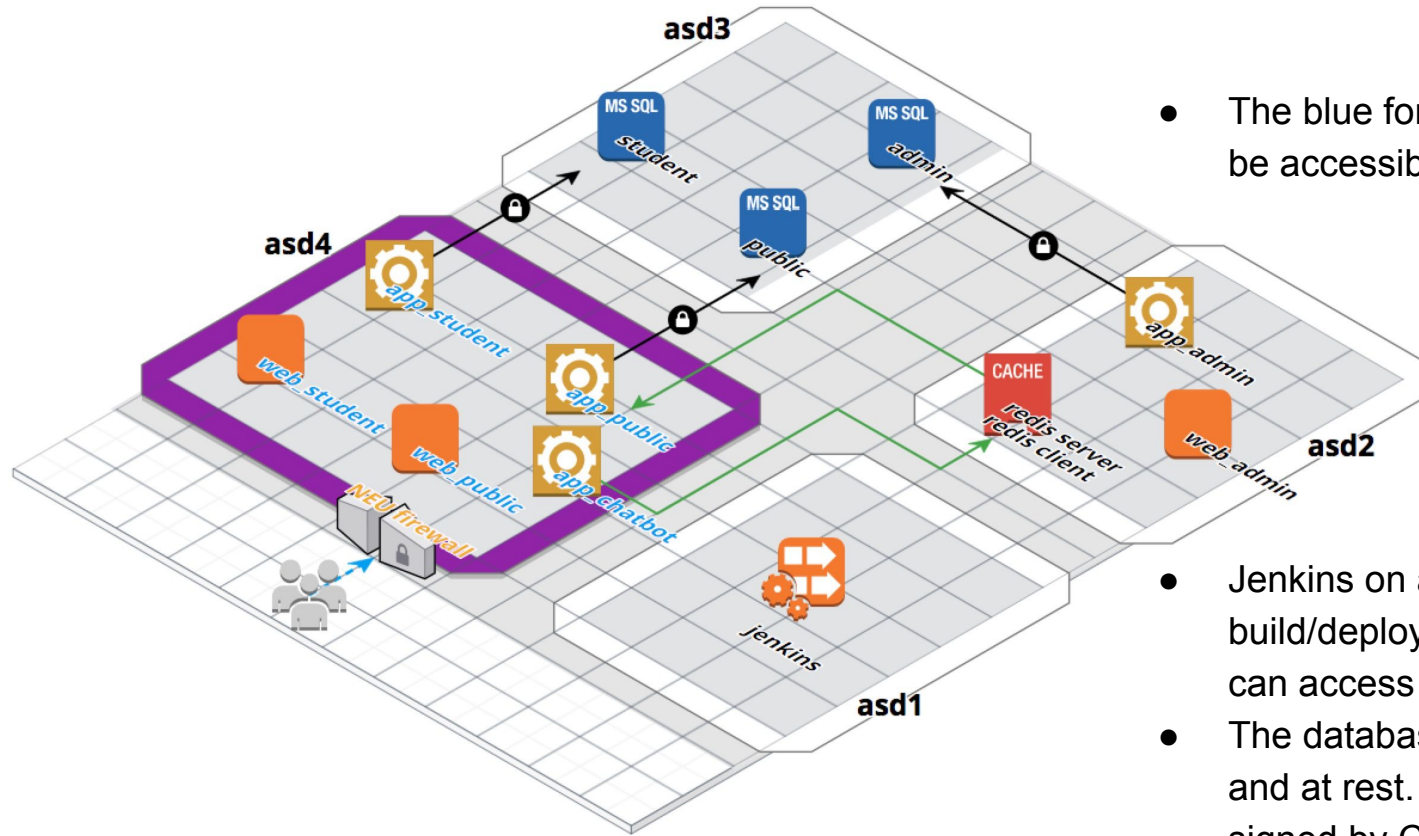


## Prototype of our deployment process



1. Jenkins pulls from GitHub, builds, tests and deploys the package to the host.
2. The host pulls an official or customized docker image from DockerHub.
3. The host removes the existing docker container, spins up a new docker container from that image with the deployed package, local config and SSL key pair mounted as external volumes.

## Architecture



- The blue font highlights services that will be accessible from the Internet.
- Jenkins on asd1 is responsible for the build/deployment. Only backend services can access the databases on asd3.
- The databases are encrypted in transit and at rest. These valid certificates are signed by CCIS.