

The network diagram below represents the physical structure of one of the two known PetiteCloud production deploys. Specifically it is the main development and business network for FNWE and is among other things used to develop the majority of the core code for PetiteCloud on. The Test Cloud is for testing PetiteCloud on.

We seek to solve the following issues (if possible):

1) How to make it so we **NEVER** loose a critical instance (we can always fall back to a very recent clone) on the production cloud. The same instances should not experience any down time.

2) The internet connection is very spotty it can be nice and clear all the way up to 1 MB/s but other times you have nothing at all (it is wireless). Despite this we need to test internet oriented components of PetiteCloud on it.

3) There must be zero non-PetiteCloud access to the production cloud host except (this is meant to simulate the typical data center style install [no access to the host])

4) A shared NAS whould be very helpful

