Community Oriented Test and Development

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Goals

- Improved staff and volunteer collaboration
- Privilege escalation for non-ops
- Environment for testing major changes

How to achieve these goals

- Build a production cluster clone

- Allow liberal access to the clone

- Provide a way to add new architecture without affecting clone

- Provide a way to make changes without root

- Provide a way to migrate changes to production

Basic use case

- Ops makes initial default project
  - Clone of production cluster
  - Move puppet configuration to git repo
    - Production and test/dev branches

Basic use case

- New projects mirror community or foundation initiatives
  - Devs build architecture in new project
  - Devs request merge for puppet changes via gerrit
  - Project instances moved to default project and tested
  - Project moved to production cluster