CloudApps Meeting 11/11

📅 Date	
☰ Text	

How CloudApps works

cloudapps uses kubernetes and openshift
build in docker, build from image, make changes to image & dependencies, then run
image using kubernetes
base images - node js
create image with node.js - git repo - pulls dependencies and does npm install

Adding files with persistent volume

mkdir files - persistent volume
oc rsync /path/ pod destination:/opt/app-root/src/
oc rsh pod destination
ls
should see uploaded files
administrator/storage/persistent volume claims - shared access
project-deployments-add storage-mount path /opt/app-root/src/3dfiles

Setting up onyen / personal project (not what we want)

developer/project/add name and role with onyen

gives admin instructions in env variable
use json as admin configs
separate config and data files

How to set up URL

networking/routes
name: doesntmatter
hostname: iwantthis.(apps).cloudapps.unc.edu

service: choose your service

prof submit form to networking

Using Github webhooks

builds/buildconfigs webhook url

in github, settings.webhooks trigger on push events to a specific branches triggers build

that pulls code and build a new image

storage changes

increase pods in workloads/deployments

For help

help.unc.edu - cloudapps, vanity

See follow-up email for instructions

cloudapps@unc.edu