Tests

Workflow/Acceptance test. Currently in Jenkins

Eden Workflows

- `make clean`
- `make build`
- `./eden config add default`
- `./eden config set default --key=eve.accel --value=false`
- `./eden test ./tests/workflow`

**Individual tests to be developed / supported.**

Each test is a separate folder in eden/tests.

- **Build**
  
  a. Eden

  Success: Build without errors

- **Create config**

  Success: Config created. Config is displayed using eden config get

- **Eve onboard**

  Success: check eve onboarded using eden status

- **Eve ssh**

  Success: able to run `ls` command via ssh

- **Eve update**

  Success: Read eve version before and after the update from eve using ssh

- **Display logs**

  Success: Get 1 log message

- **Display metrics**

  Success: Get 1 metric message

- **Display events**
Success: Get 1 event message

- Run container (nginx) & delete container

Success: Load a web page & get a web page

- Run container (wordpress) & delete container

Success: Load a web page & get a web page

- Run VM (ubuntu) & delete VM

Success: ssh to VM and run ls command

- Run VM (ubuntu + VNC) & delete container

Success: VNC to VM

- Run containers/VM:
  - vary CPU number
  - vary disk size
  - vary networking
  - vary exposed ports

Success: get resources on machines

- Firewall enable

Success: restrict specific ports

- Create too many containers to consume all resources

Success: run as expected until fail.

- Test resources
  Wifi
  Audio
  Com port
  USB boot
  VideoCard
  Eth
Success: get the resource inside docker/VM

- InterApp communication

Success: send data from one app and receive on the other. MySQL + mysql client

- Run a set of microservices

Success: run Hadoop