

Terminal

```
q@impala:~$ juju bootstrap
2013-03-11 18:08:56,948 INFO Bootstrapping environment 'sample' (origin: ppa type: local)...
2013-03-11 18:08:56,959 INFO Checking for required packages...
2013-03-11 18:08:57,422 INFO Starting networking...
2013-03-11 18:08:57,520 INFO Starting ZooKeeper...
2013-03-11 18:08:57,537 INFO Starting storage server...
2013-03-11 18:09:02,238 INFO Initializing zookeeper hierarchy
2013-03-11 18:09:02,471 INFO Starting machine agent (origin: ppa)...
[sudo] password for q:
2013-03-11 18:09:13,765 INFO Environment bootstrapped
2013-03-11 18:09:13,766 INFO 'bootstrap' command finished successfully
q@impala:~$
```

Terminal

```
q@impala:~$ juju debug-log
2013-03-11 18:10:40,432 INFO Enabling distributed debug log.
2013-03-11 18:10:40,448 INFO Tailing logs - Ctrl-C to stop.
```

juju_authorized_
keys

Terminal

```
q@impala:~$ juju bootstrap
2013-03-11 18:08:56,948 INFO Bootstrapping environment 'sample' (origin: ppa type: local)...
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2013-03-11 18:08:57,537 INFO Starting storage server...
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2013-03-11 18:09:02,471 INFO Starting machine agent (origin: ppa)...
[sudo] password for q:
2013-03-11 18:09:13,765 INFO Environment bootstrapped
2013-03-11 18:09:13,766 INFO 'bootstrap' command finished successfully
q@impala:~$ juju status
machines:
  0:
    agent-state: running
    dns-name: localhost
    instance-id: local
    instance-state: running
services: {}
2013-03-11 18:11:39,623 INFO 'status' command finished successfully
q@impala:~$
```

Terminal

```
q@impala:~$ juju debug-log
2013-03-11 18:10:40,432 INFO Enabling distributed debug log.
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machines:
  0:
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    dns-name: localhost
    instance-id: local
    instance-state: running
services: {}
2013-03-11 18:11:39,623 INFO 'status' command finished successfully
q@impala:~$ juju deploy mysql wordpress-db
2013-03-11 18:13:03,851 INFO Searching for charm cs:precise/mysql in charm store
2013-03-11 18:13:04,758 INFO Charm deployed as service: 'wordpress-db'
2013-03-11 18:13:04,759 INFO 'deploy' command finished successfully
q@impala:~$
```

Terminal

```
q@impala:~$ juju debug-log
2013-03-11 18:10:40,432 INFO Enabling distributed debug log.
2013-03-11 18:10:40,448 INFO Tailing logs - Ctrl-C to stop.
2013-03-11 18:13:04,761 Machine:0: juju.agents.machine DEBUG: Units changed old:set([]) new:set(['wordpress-db/0'])
2013-03-11 18:13:04,761 Machine:0: juju.agents.machine DEBUG: Starting service unit: wordpress-db/0 ...
2013-03-11 18:13:04,837 Machine:0: unit.deploy DEBUG: Downloading charm cs:precise/mysql-15 to /home/q/juju_local_data/q-sample/charms
2013-03-11 18:13:04,904 Machine:0: unit.deploy DEBUG: Using <juju.machine.unit.UnitContainerDeployment object at 0x20a5250> for wordpress-db/0 in /home/q/juju_local_data/q-sample
2013-03-11 18:13:05,013 Machine:0: unit.deploy DEBUG: Starting service unit wordpress-db/0...
2013-03-11 18:13:05,105 Machine:0: unit.deploy INFO: Creating container wordpress-db-0...
2013-03-11 18:13:20,518 Machine:0: unit.deploy INFO: Created container q-sample-wordpress-db-0
2013-03-11 18:13:20,528 Machine:0: unit.deploy DEBUG: Charm extracted into container
2013-03-11 18:13:20,603 Machine:0: unit.deploy DEBUG: Starting container...
2013-03-11 18:13:21,907 Machine:0: unit.deploy INFO: Started container for wordpress-db/0
2013-03-11 18:13:22,880 Machine:0: unit.deploy INFO: Started service unit wordpress-db/0
```

juju_authorized_
keys

Terminal

```
2013-03-11 18:08:56,959 INFO Checking for required packages...
2013-03-11 18:08:57,422 INFO Starting networking...
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q@impala:~$ juju status
machines:
  0:
    agent-state: running
    dns-name: localhost
    instance-id: local
    instance-state: running
services: {}
2013-03-11 18:11:39,623 INFO 'status' command finished successfully
q@impala:~$ juju deploy mysql wordpress-db
2013-03-11 18:13:03,851 INFO Searching for charm cs:precise/mysql in charm store
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2013-03-11 18:13:04,759 INFO 'deploy' command finished successfully
q@impala:~$ juju status
machines:
  0:
    agent-state: running
    dns-name: localhost
    instance-id: local
    instance-state: running
services:
  wordpress-db:
    charm: cs:precise/mysql-15
    relations: {}
    units:
      wordpress-db/0:
        agent-state: pending
        machine: 0
        public-address: null
2013-03-11 18:14:02,224 INFO 'status' command finished successfully
q@impala:~$
```

Terminal

```
q@impala:~$ juju debug-log
2013-03-11 18:10:40,432 INFO Enabling distributed debug log.
2013-03-11 18:10:40,448 INFO Tailing logs - Ctrl-C to stop.
2013-03-11 18:13:04,761 Machine:0: juju.agents.machine DEBUG: Units changed old:set([]) new:set(['wordpress-db/0'])
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2013-03-11 18:13:04,837 Machine:0: unit.deploy DEBUG: Downloading charm cs:precise/mysql-15 to /home/q/juju_local_data/q-sample/charms
2013-03-11 18:13:04,904 Machine:0: unit.deploy DEBUG: Using <juju.machine.unit.UnitContainerDeployment object at 0x20a5250> for wordpress-db/0 in /home/q/juju_local_data/q-sample
2013-03-11 18:13:05,013 Machine:0: unit.deploy DEBUG: Starting service unit wordpress-db/0...
2013-03-11 18:13:05,105 Machine:0: unit.deploy INFO: Creating container wordpress-db-0...
2013-03-11 18:13:20,518 Machine:0: unit.deploy INFO: Created container q-sample-wordpress-db-0
2013-03-11 18:13:20,528 Machine:0: unit.deploy DEBUG: Charm extracted into container
2013-03-11 18:13:20,603 Machine:0: unit.deploy DEBUG: Starting container...
2013-03-11 18:13:21,907 Machine:0: unit.deploy INFO: Started container for wordpress-db/0
2013-03-11 18:13:22,880 Machine:0: unit.deploy INFO: Started service unit wordpress-db/0
```

juju_authorized_
keys

Terminal

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2013-03-11 18:11:39,623 INFO 'status' command finished successfully
q@impala:~$ juju deploy mysql wordpress-db
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q@impala:~$ juju status
machines:
  0:
    agent-state: running
    dns-name: localhost
    instance-id: local
    instance-state: running
services:
  wordpress-db:
    charm: cs:precise/mysql-15
    relations: {}
    units:
      wordpress-db/0:
        agent-state: pending
        machine: 0
        public-address: null
2013-03-11 18:14:02,224 INFO 'status' command finished successfully
q@impala:~$ juju status
machines:
  0:
    agent-state: running
    dns-name: localhost
    instance-id: local
    instance-state: running
services:
  wordpress-db:
    charm: cs:precise/mysql-15
    relations: {}
    units:
      wordpress-db/0:
        agent-state: pending
        machine: 0
        public-address: null
2013-03-11 18:14:53,190 INFO 'status' command finished successfully
q@impala:~$
```

Terminal

```
2013-03-11 18:15:11,275 unit:wordpress-db/0: hook.output INFO: Selecting previously unselected p
ackage uuid.
2013-03-11 18:15:11,284 unit:wordpress-db/0: hook.output INFO: Unpacking uuid (from ../uuid_1.6
.2-1.1build3_amd64.deb) ...
2013-03-11 18:15:11,590 unit:wordpress-db/0: hook.output INFO: Processing triggers for man-db ..
.
2013-03-11 18:15:12,948 unit:wordpress-db/0: hook.output INFO: Setting up mysql-common (5.5.29-0
ubuntu0.12.04.2) ...
2013-03-11 18:15:13,174 unit:wordpress-db/0: hook.output INFO: Setting up libmysqlclient18 (5.5.
29-0ubuntu0.12.04.2) ...
2013-03-11 18:15:13,471 unit:wordpress-db/0: hook.output INFO: Setting up charm-helper-sh (0.3+b
zr170-3~precise1) ...
2013-03-11 18:15:13,624 unit:wordpress-db/0: hook.output INFO: Setting up debconf-utils (1.5.42u
buntu1) ...
2013-03-11 18:15:13,776 unit:wordpress-db/0: hook.output INFO: Setting up libossp-uuid16 (1.6.2-
1.1build3) ...
2013-03-11 18:15:13,988 unit:wordpress-db/0: hook.output INFO: Setting up pwgen (2.06-1ubuntu2)
...
2013-03-11 18:15:14,149 unit:wordpress-db/0: hook.output INFO: Setting up python-mysqldb (1.2.3-
1build1) ...
2013-03-11 18:15:15,011 unit:wordpress-db/0: hook.output INFO: Setting up uuid (1.6.2-1.1build3)
...
2013-03-11 18:15:15,172 unit:wordpress-db/0: hook.output INFO: Processing triggers for libc-bin
...
2013-03-11 18:15:15,242 unit:wordpress-db/0: hook.output INFO: ldconfig deferred processing now
taking place
```

juju_authorized_
keys

Terminal

```
wordpress-db/0:
  agent-state: pending
  machine: 0
  public-address: null
2013-03-11 18:14:02,224 INFO 'status' command finished successfully
q@impala:~$ juju status
machines:
  0:
    agent-state: running
    dns-name: localhost
    instance-id: local
    instance-state: running
services:
  wordpress-db:
    charm: cs:precise/mysql-15
    relations: {}
    units:
      wordpress-db/0:
        agent-state: pending
        machine: 0
        public-address: null
2013-03-11 18:14:53,190 INFO 'status' command finished successfully
q@impala:~$ juju status
machines:
  0:
    agent-state: running
    dns-name: localhost
    instance-id: local
    instance-state: running
services:
  wordpress-db:
    charm: cs:precise/mysql-15
    relations: {}
    units:
      wordpress-db/0:
        agent-state: started
        machine: 0
        public-address: 10.0.3.81
2013-03-11 18:16:29,614 INFO 'status' command finished successfully
q@impala:~$
```

Terminal

```
2013-03-11 18:15:52,929 unit:wordpress-db/0: hook.output DEBUG: Cached relation hook contexts: [
]
2013-03-11 18:15:52,948 unit:wordpress-db/0: hook.executor DEBUG: Running hook: /var/lib/juju/un
its/wordpress-db-0/charm/hooks/start
2013-03-11 18:15:52,956 unit:wordpress-db/0: hook.output DEBUG: hook start exited, exit code 0.
2013-03-11 18:15:52,956 unit:wordpress-db/0: hook.executor DEBUG: Hook complete: /var/lib/juju/u
nits/wordpress-db-0/charm/hooks/start
2013-03-11 18:15:52,957 unit:wordpress-db/0: unit.lifecycle DEBUG: starting service relation wat
ch
2013-03-11 18:15:52,958 unit:wordpress-db/0: unit.lifecycle DEBUG: starting unit relation resolv
ed watch
2013-03-11 18:15:53,094 unit:wordpress-db/0: unit.lifecycle DEBUG: relation resolved changed
2013-03-11 18:15:53,094 unit:wordpress-db/0: unit.lifecycle INFO: processing relation resolved c
hanged
2013-03-11 18:15:53,096 unit:wordpress-db/0: unit.lifecycle DEBUG: services changed old:None new
:[]
2013-03-11 18:15:53,199 unit:wordpress-db/0: unit.lifecycle DEBUG: processing relations changed
2013-03-11 18:15:53,232 unit:wordpress-db/0: unit.lifecycle DEBUG: started unit lifecycle
2013-03-11 18:15:53,441 unit:wordpress-db/0: statemachine DEBUG: unitworkflowstate: transition c
omplete start (state started) {}
2013-03-11 18:15:53,502 unit:wordpress-db/0: juju.agents.unit DEBUG: Configuration Changed
2013-03-11 18:15:53,670 unit:wordpress-db/0: statemachine DEBUG: unitworkflowstate: transition c
onfigure (started -> started) {}
2013-03-11 18:15:53,670 unit:wordpress-db/0: statemachine DEBUG: unitworkflowstate: execute act
ion do_configure
2013-03-11 18:15:53,766 unit:wordpress-db/0: hook.output DEBUG: Cached relation hook contexts: [
]
2013-03-11 18:15:53,815 unit:wordpress-db/0: hook.executor DEBUG: Running hook: /var/lib/juju/un
its/wordpress-db-0/charm/hooks/config-changed
2013-03-11 18:15:54,974 unit:wordpress-db/0: unit.hook.api INFO: dataset size in bytes: 32212254
72
2013-03-11 18:15:54,996 unit:wordpress-db/0: hook.output DEBUG: hook config-changed exited, exit
code 0.
2013-03-11 18:15:54,996 unit:wordpress-db/0: hook.executor DEBUG: Hook complete: /var/lib/juju/u
nits/wordpress-db-0/charm/hooks/config-changed
2013-03-11 18:15:54,997 unit:wordpress-db/0: unit.lifecycle DEBUG: configured unit
2013-03-11 18:15:55,117 unit:wordpress-db/0: statemachine DEBUG: unitworkflowstate: transition c
omplete configure (state started) {}
2013-03-11 18:15:55,234 unit:wordpress-db/0: juju.agents.unit INFO: No upgrade flag set.
```

juju_authorized_
keys

Terminal

```
q@impala:~$ juju deploy wordpress
2013-03-11 18:17:47,951 INFO Searching for charm cs:precise/wordpress in charm store
2013-03-11 18:17:48,619 INFO Charm deployed as service: 'wordpress'
2013-03-11 18:17:48,620 INFO 'deploy' command finished successfully
q@impala:~$
```

Terminal

```
:[]
2013-03-11 18:15:53,199 unit:wordpress-db/0: unit.lifecycle DEBUG: processing relations changed
2013-03-11 18:15:53,232 unit:wordpress-db/0: unit.lifecycle DEBUG: started unit lifecycle
2013-03-11 18:15:53,441 unit:wordpress-db/0: statemachine DEBUG: unitworkflowstate: transition c
complete start (state started) {}
2013-03-11 18:15:53,502 unit:wordpress-db/0: juju.agents.unit DEBUG: Configuration Changed
2013-03-11 18:15:53,670 unit:wordpress-db/0: statemachine DEBUG: unitworkflowstate: transition c
onfigure (started -> started) {}
2013-03-11 18:15:53,670 unit:wordpress-db/0: statemachine DEBUG: unitworkflowstate: execute act
ion do_configure
2013-03-11 18:15:53,766 unit:wordpress-db/0: hook.output DEBUG: Cached relation hook contexts: [
]
2013-03-11 18:15:53,815 unit:wordpress-db/0: hook.executor DEBUG: Running hook: /var/lib/juju/un
its/wordpress-db-0/charm/hooks/config-changed
2013-03-11 18:15:54,974 unit:wordpress-db/0: unit.hook.api INFO: dataset size in bytes: 32212254
72
2013-03-11 18:15:54,996 unit:wordpress-db/0: hook.output DEBUG: hook config-changed exited, exit
code 0.
2013-03-11 18:15:54,996 unit:wordpress-db/0: hook.executor DEBUG: Hook complete: /var/lib/juju/u
nits/wordpress-db-0/charm/hooks/config-changed
2013-03-11 18:15:54,997 unit:wordpress-db/0: unit.lifecycle DEBUG: configured unit
2013-03-11 18:15:55,117 unit:wordpress-db/0: statemachine DEBUG: unitworkflowstate: transition c
complete configure (state started) {}
2013-03-11 18:15:55,234 unit:wordpress-db/0: juju.agents.unit INFO: No upgrade flag set.
2013-03-11 18:17:48,566 Machine:0: juju.agents.machine DEBUG: Units changed old:set(['wordpress-
db/0']) new:set(['wordpress/0', 'wordpress-db/0'])
2013-03-11 18:17:48,566 Machine:0: juju.agents.machine DEBUG: Starting service unit: wordpress/0
...
2013-03-11 18:17:48,612 Machine:0: unit.deploy DEBUG: Downloading charm cs:precise/wordpress-10
to /home/q/juju_local_data/q-sample/charms
2013-03-11 18:17:48,698 Machine:0: unit.deploy DEBUG: Using <juju.machine.unit.UnitContainerDepl
oyment object at 0x20a5bd0> for wordpress/0 in /home/q/juju_local_data/q-sample
2013-03-11 18:17:48,938 Machine:0: unit.deploy DEBUG: Starting service unit wordpress/0...
2013-03-11 18:17:49,022 Machine:0: unit.deploy INFO: Creating container wordpress-0...
2013-03-11 18:17:57,785 Machine:0: unit.deploy INFO: Created container q-sample-wordpress-0
2013-03-11 18:17:57,835 Machine:0: unit.deploy DEBUG: Charm extracted into container
2013-03-11 18:17:57,907 Machine:0: unit.deploy DEBUG: Starting container...
2013-03-11 18:17:59,457 Machine:0: unit.deploy INFO: Started container for wordpress/0
2013-03-11 18:17:59,458 Machine:0: unit.deploy INFO: Started service unit wordpress/0
```

juju_authorized_
keys

Terminal

```
q@impala:~$ juju deploy wordpress
2013-03-11 18:17:47,951 INFO Searching for charm cs:precise/wordpress in charm store
2013-03-11 18:17:48,619 INFO Charm deployed as service: 'wordpress'
2013-03-11 18:17:48,620 INFO 'deploy' command finished successfully
q@impala:~$ juju status
machines:
  0:
    agent-state: running
    dns-name: localhost
    instance-id: local
    instance-state: running
services:
  wordpress:
    charm: cs:precise/wordpress-10
    relations:
      loadbalancer:
        - wordpress
    units:
      wordpress/0:
        agent-state: pending
        machine: 0
        public-address: null
  wordpress-db:
    charm: cs:precise/mysql-15
    relations: {}
    units:
      wordpress-db/0:
        agent-state: started
        machine: 0
        public-address: 10.0.3.81
2013-03-11 18:18:34,673 INFO 'status' command finished successfully
q@impala:~$
```

Terminal

```
:[]
2013-03-11 18:15:53,199 unit:wordpress-db/0: unit.lifecycle DEBUG: processing relations changed
2013-03-11 18:15:53,232 unit:wordpress-db/0: unit.lifecycle DEBUG: started unit lifecycle
2013-03-11 18:15:53,441 unit:wordpress-db/0: statemachine DEBUG: unitworkflowstate: transition c
complete start (state started) {}
2013-03-11 18:15:53,502 unit:wordpress-db/0: juju.agents.unit DEBUG: Configuration Changed
2013-03-11 18:15:53,670 unit:wordpress-db/0: statemachine DEBUG: unitworkflowstate: transition c
onfigure (started -> started) {}
2013-03-11 18:15:53,670 unit:wordpress-db/0: statemachine DEBUG: unitworkflowstate: execute act
ion do_configure
2013-03-11 18:15:53,766 unit:wordpress-db/0: hook.output DEBUG: Cached relation hook contexts: [
]
2013-03-11 18:15:53,815 unit:wordpress-db/0: hook.executor DEBUG: Running hook: /var/lib/juju/un
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2013-03-11 18:15:54,974 unit:wordpress-db/0: unit.hook.api INFO: dataset size in bytes: 32212254
72
2013-03-11 18:15:54,996 unit:wordpress-db/0: hook.output DEBUG: hook config-changed exited, exit
code 0.
2013-03-11 18:15:54,996 unit:wordpress-db/0: hook.executor DEBUG: Hook complete: /var/lib/juju/u
nits/wordpress-db-0/charm/hooks/config-changed
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complete configure (state started) {}
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db/0']) new:set(['wordpress/0', 'wordpress-db/0'])
2013-03-11 18:17:48,566 Machine:0: juju.agents.machine DEBUG: Starting service unit: wordpress/0
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2013-03-11 18:17:48,612 Machine:0: unit.deploy DEBUG: Downloading charm cs:precise/wordpress-10
to /home/q/juju_local_data/q-sample/charms
2013-03-11 18:17:48,698 Machine:0: unit.deploy DEBUG: Using <juju.machine.unit.UnitContainerDepl
oyment object at 0x20a5bd0> for wordpress/0 in /home/q/juju_local_data/q-sample
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2013-03-11 18:17:57,907 Machine:0: unit.deploy DEBUG: Starting container...
2013-03-11 18:17:59,457 Machine:0: unit.deploy INFO: Started container for wordpress/0
2013-03-11 18:17:59,458 Machine:0: unit.deploy INFO: Started service unit wordpress/0
```



local_07.png

juju_authorized_
keys

Terminal

```
q@impala:~$ juju status
machines:
  0:
    agent-state: running
    dns-name: localhost
    instance-id: local
    instance-state: running
services:
  wordpress:
    charm: cs:precise/wordpress-10
    relations:
      loadbalancer:
        - wordpress
    units:
      wordpress/0:
        agent-state: pending
        machine: 0
        public-address: 10.0.3.9
  wordpress-db:
    charm: cs:precise/mysql-15
    relations: {}
    units:
      wordpress-db/0:
        agent-state: started
        machine: 0
        public-address: 10.0.3.81
2013-03-11 18:19:58,747 INFO 'status' command finished successfully
q@impala:~$
```

Terminal

```
2013-03-11 18:20:04,614 unit:wordpress/0: hook.output INFO: Unpacking php5-fpm (from ../php5-fpm_5.3.10-1ubuntu3.5_amd64.deb) ...
2013-03-11 18:20:05,512 unit:wordpress/0: hook.output INFO: Selecting previously unselected package libgssglue1.
2013-03-11 18:20:05,517 unit:wordpress/0: hook.output INFO: Unpacking libgssglue1 (from ../libgssglue1_0.3-4ubuntu0.1_amd64.deb) ...
2013-03-11 18:20:06,011 unit:wordpress/0: hook.output INFO: Selecting previously unselected package libtirpc1.
2013-03-11 18:20:06,019 unit:wordpress/0: hook.output INFO: Unpacking libtirpc1 (from ../libtirpc1_0.2.2-5_amd64.deb) ...
2013-03-11 18:20:06,562 unit:wordpress/0: hook.output INFO: Selecting previously unselected package rpcbind.
2013-03-11 18:20:06,571 unit:wordpress/0: hook.output INFO: Unpacking rpcbind (from ../rpcbind_0.2.0-7ubuntu1.2_amd64.deb) ...
2013-03-11 18:20:07,173 unit:wordpress/0: hook.output INFO: Selecting previously unselected package libmpc2.
2013-03-11 18:20:07,184 unit:wordpress/0: hook.output INFO: Unpacking libmpc2 (from ../libmpc2_0.9-4_amd64.deb) ...
2013-03-11 18:20:07,563 unit:wordpress/0: hook.output INFO: Selecting previously unselected package m4.
2013-03-11 18:20:07,573 unit:wordpress/0: hook.output INFO: Unpacking m4 (from ../m4_1.4.16-2ubuntu1_amd64.deb) ...
2013-03-11 18:20:08,182 unit:wordpress/0: hook.output INFO: Selecting previously unselected package autoconf.
2013-03-11 18:20:08,190 unit:wordpress/0: hook.output INFO: Unpacking autoconf (from ../autoconf_2.6.8-1ubuntu2_all.deb) ...
```



local_07.png

juju_authorized_
keys

Terminal

```
q@impala:~$ juju status
machines:
  0:
    agent-state: running
    dns-name: localhost
    instance-id: local
    instance-state: running
services:
  wordpress:
    charm: cs:precise/wordpress-10
    exposed: false
    relations:
      loadbalancer:
        - wordpress
    units:
      wordpress/0:
        agent-state: started
        machine: 0
        public-address: 10.0.3.9
  wordpress-db:
    charm: cs:precise/mysql-15
    relations: {}
    units:
      wordpress-db/0:
        agent-state: started
        machine: 0
        public-address: 10.0.3.81
2013-03-11 18:22:14,221 INFO 'status' command finished successfully
q@impala:~$
```

Terminal

```
2013-03-11 18:21:46,666 unit:wordpress/0: hook.output INFO: rsync error: some files/attrs were n
ot transferred (see previous errors) (code 23) at main.c(1070) [sender=3.0.9]

2013-03-11 18:21:46,851 unit:wordpress/0: unit.hook.api DEBUG: Get unit setting: 'private-address'
2013-03-11 18:21:46,910 unit:wordpress/0: hook.output INFO: Starting nginx:
2013-03-11 18:21:46,925 unit:wordpress/0: hook.output INFO: nginx.

2013-03-11 18:21:46,938 unit:wordpress/0: hook.output INFO: Reloading nginx configuration:
2013-03-11 18:21:46,945 unit:wordpress/0: hook.output INFO: nginx.

2013-03-11 18:21:47,127 unit:wordpress/0: unit.hook.api DEBUG: opened 80/tcp
2013-03-11 18:21:47,156 unit:wordpress/0: hook.output INFO:
upstream backend {
    server 127.0.0.1:8080;
}

2013-03-11 18:21:47,327 unit:wordpress/0: unit.hook.api INFO: Restarting Services ...
2013-03-11 18:21:47,387 unit:wordpress/0: hook.output INFO: Stopping nginx:
2013-03-11 18:21:47,388 unit:wordpress/0: hook.output INFO: nginx.

2013-03-11 18:21:47,399 unit:wordpress/0: hook.output INFO: * Restarting PHP5 FastCGI Process Manager php5-fpm

2013-03-11 18:21:47,425 unit:wordpress/0: hook.output INFO: ...done.

2013-03-11 18:21:47,431 unit:wordpress/0: hook.output INFO: Restarting nginx:
2013-03-11 18:21:48,467 unit:wordpress/0: hook.output INFO: nginx.

2013-03-11 18:21:48,635 unit:wordpress/0: unit.hook.api INFO: Nothing to configure, since nothing is installed
2013-03-11 18:21:48,651 unit:wordpress/0: hook.output DEBUG: hook config-changed exited, exit code 0.
2013-03-11 18:21:48,668 unit:wordpress/0: hook.executor DEBUG: Hook complete: /var/lib/juju/units/wordpress-0/charm/hooks/config-changed
2013-03-11 18:21:48,668 unit:wordpress/0: unit.lifecycle DEBUG: configured unit
2013-03-11 18:21:48,755 unit:wordpress/0: statemachine DEBUG: unitworkflowstate: transition complete configure (state started) {}
2013-03-11 18:21:48,774 unit:wordpress/0: juju.agents.unit INFO: No upgrade flag set.
```



local_07.png

juju_authorized_
keys

Terminal

```
q@impala:~$ juju status
machines:
  0:
    agent-state: running
    dns-name: localhost
    instance-id: local
    instance-state: running
services:
  wordpress:
    charm: cs:precise/wordpress-10
    exposed: false
    relations:
      loadbalancer:
        - wordpress
    units:
      wordpress/0:
        agent-state: started
        machine: 0
        public-address: 10.0.3.9
  wordpress-db:
    charm: cs:precise/mysql-15
    relations: {}
    units:
      wordpress-db/0:
        agent-state: started
        machine: 0
        public-address: 10.0.3.81
2013-03-11 18:22:14,221 INFO 'status' command finished successfully
q@impala:~$ juju add-relation wordpress wordpress-db
2013-03-11 18:23:40,985 INFO Added mysql relation to all service units.
2013-03-11 18:23:40,987 INFO 'add_relation' command finished successfully
q@impala:~$
```

Terminal

```
Package libapache2-mod-php5filter is not installed, so not removed
Pac
2013-03-11 18:23:56,471 unit:wordpress/0: hook.output INFO: kage libapache2-mod-proxy-html is no
t installed, so not removed
Package libapache2-mod-uwsgi is not installed, so not removed
Package libapache2-mod-uwsgi-dbg is not installed, so not removed
Package libapache2-mod-uwsgi is not installed, so not removed
Package libapache2-mod-uwsgi-dbg is not installed, so not removed
Package libapache2-modsecurity is not installed, so not removed
Package rt3.8-apache2 is not installed, so not removed
Package rt4-apache2 is not installed, so not removed
0 upgraded, 0 newly installed, 0 to remove and 0 not upgraded.

2013-03-11 18:23:56,481 unit:wordpress/0: hook.output INFO: Reading package lists...
2013-03-11 18:23:56,484 unit:wordpress/0: hook.output INFO:

2013-03-11 18:23:56,490 unit:wordpress/0: hook.output INFO: Building dependency tree...
2013-03-11 18:23:56,715 unit:wordpress/0: hook.output INFO:
Reading state information...
2013-03-11 18:23:56,716 unit:wordpress/0: hook.output INFO:

2013-03-11 18:23:56,969 unit:wordpress/0: hook.output INFO: nginx is already the newest version.
0 upgraded, 0 newly installed, 0 to remove and 0 not upgraded.

2013-03-11 18:23:56,977 unit:wordpress/0: hook.output INFO: Stopping nginx:
2013-03-11 18:23:56,979 unit:wordpress/0: hook.output INFO: nginx.

2013-03-11 18:23:57,154 unit:wordpress/0: unit.hook.api INFO: Cleaning any old or default nginx
site configs ...
2013-03-11 18:23:57,335 unit:wordpress/0: unit.hook.api INFO: Installing nginx common config ...
2013-03-11 18:23:57,518 unit:wordpress/0: unit.hook.api INFO: Installing nginx actual site confi
g ...
2013-03-11 18:23:57,707 unit:wordpress/0: unit.hook.api INFO: Installing nginx loadbal config ..
.
2013-03-11 18:23:57,891 unit:wordpress/0: unit.hook.api INFO: Moving nginx var dirs to /mnt stor
age ...
2013-03-11 18:23:57,914 unit:wordpress/0: hook.output INFO: cannot delete non-empty directory: n
ginx
```



local_07.png

juju_authorized_
keys

Terminal

```
q@impala:~$ juju status
machines:
  0:
    agent-state: running
    dns-name: localhost
    instance-id: local
    instance-state: running
services:
  wordpress:
    charm: cs:precise/wordpress-10
    exposed: false
    relations:
      loadbalancer:
        - wordpress
    units:
      wordpress/0:
        agent-state: started
        machine: 0
        public-address: 10.0.3.9
  wordpress-db:
    charm: cs:precise/mysql-15
    relations: {}
    units:
      wordpress-db/0:
        agent-state: started
        machine: 0
        public-address: 10.0.3.81
2013-03-11 18:22:14,221 INFO 'status' command finished successfully
q@impala:~$ juju add-relation wordpress wordpress-db
2013-03-11 18:23:40,985 INFO Added mysql relation to all service units.
2013-03-11 18:23:40,987 INFO 'add_relation' command finished successfully
q@impala:~$
```

Terminal

```
2013-03-11 18:24:11,172 unit:wordpress/0: hook.output INFO:
Creating config file /etc/mercurial/hgrc.d/hgext.rc with new version

2013-03-11 18:24:11,454 unit:wordpress/0: hook.output INFO: Setting up subversion (1.6.17dfsg-3ubuntu3) ...

2013-03-11 18:24:11,785 unit:wordpress/0: hook.output INFO: Processing triggers for libc-bin ...

2013-03-11 18:24:11,853 unit:wordpress/0: hook.output INFO: ldconfig deferred processing now taking place

2013-03-11 18:24:13,153 unit:wordpress/0: hook.output INFO: Stopping nginx:
2013-03-11 18:24:13,158 unit:wordpress/0: hook.output INFO: nginx.

2013-03-11 18:24:13,175 unit:wordpress/0: hook.output INFO: * Restarting PHP5 FastCGI Process Manager php5-fpm

2013-03-11 18:24:13,207 unit:wordpress/0: hook.output INFO: ...done.

2013-03-11 18:24:13,210 unit:wordpress/0: hook.output INFO: Restarting nginx:
2013-03-11 18:24:14,234 unit:wordpress/0: hook.output INFO: nginx.

2013-03-11 18:24:14,277 unit:wordpress/0: hook.output INFO: Stopping nginx:
2013-03-11 18:24:14,280 unit:wordpress/0: hook.output INFO: nginx.

2013-03-11 18:24:14,297 unit:wordpress/0: hook.output INFO: * Restarting PHP5 FastCGI Process Manager php5-fpm

2013-03-11 18:24:14,334 unit:wordpress/0: hook.output INFO: ...done.

2013-03-11 18:24:14,337 unit:wordpress/0: hook.output INFO: Restarting nginx:
2013-03-11 18:24:15,362 unit:wordpress/0: hook.output INFO: nginx.

2013-03-11 18:24:15,528 unit:wordpress/0: unit.hook.api DEBUG: opened 80/tcp
2013-03-11 18:24:15,551 unit:wordpress/0: hook.output DEBUG: hook db-relation-changed exited, exit code 0.
2013-03-11 18:24:15,621 unit:wordpress/0: hook.executor DEBUG: Hook complete: /var/lib/juju/units/wordpress-0/charm/hooks/db-relation-changed
```



local_07.png

juju_authorized_
keys

Terminal

```
agent-state: started
machine: 0
public-address: 10.0.3.81
2013-03-11 18:22:14,221 INFO 'status' command finished successfully
q@impala:~$ juju add-relation wordpress wordpress-db
2013-03-11 18:23:40,985 INFO Added mysql relation to all service units.
2013-03-11 18:23:40,987 INFO 'add_relation' command finished successfully
q@impala:~$ juju status
machines:
  0:
    agent-state: running
    dns-name: localhost
    instance-id: local
    instance-state: running
services:
  wordpress:
    charm: cs:precise/wordpress-10
    exposed: false
    relations:
      db:
        - wordpress-db
    loadbalancer:
      - wordpress
  units:
    wordpress/0:
      agent-state: started
      machine: 0
      public-address: 10.0.3.9
  wordpress-db:
    charm: cs:precise/mysql-15
    relations:
      db:
        - wordpress
  units:
    wordpress-db/0:
      agent-state: started
      machine: 0
      public-address: 10.0.3.81
2013-03-11 18:25:24,641 INFO 'status' command finished successfully
q@impala:~$
```

Terminal

```
2013-03-11 18:24:11,172 unit:wordpress/0: hook.output INFO:
Creating config file /etc/mercurial/hgrc.d/hgext.rc with new version

2013-03-11 18:24:11,454 unit:wordpress/0: hook.output INFO: Setting up subversion (1.6.17dfsg-3ubuntu3) ...

2013-03-11 18:24:11,785 unit:wordpress/0: hook.output INFO: Processing triggers for libc-bin ...

2013-03-11 18:24:11,853 unit:wordpress/0: hook.output INFO: ldconfig deferred processing now taking place

2013-03-11 18:24:13,153 unit:wordpress/0: hook.output INFO: Stopping nginx:
2013-03-11 18:24:13,158 unit:wordpress/0: hook.output INFO: nginx.

2013-03-11 18:24:13,175 unit:wordpress/0: hook.output INFO: * Restarting PHP5 FastCGI Process Manager php5-fpm

2013-03-11 18:24:13,207 unit:wordpress/0: hook.output INFO: ...done.

2013-03-11 18:24:13,210 unit:wordpress/0: hook.output INFO: Restarting nginx:
2013-03-11 18:24:14,234 unit:wordpress/0: hook.output INFO: nginx.

2013-03-11 18:24:14,277 unit:wordpress/0: hook.output INFO: Stopping nginx:
2013-03-11 18:24:14,280 unit:wordpress/0: hook.output INFO: nginx.

2013-03-11 18:24:14,297 unit:wordpress/0: hook.output INFO: * Restarting PHP5 FastCGI Process Manager php5-fpm

2013-03-11 18:24:14,334 unit:wordpress/0: hook.output INFO: ...done.

2013-03-11 18:24:14,337 unit:wordpress/0: hook.output INFO: Restarting nginx:
2013-03-11 18:24:15,362 unit:wordpress/0: hook.output INFO: nginx.

2013-03-11 18:24:15,528 unit:wordpress/0: unit.hook.api DEBUG: opened 80/tcp
2013-03-11 18:24:15,551 unit:wordpress/0: hook.output DEBUG: hook db-relation-changed exited, exit code 0.
2013-03-11 18:24:15,621 unit:wordpress/0: hook.executor DEBUG: Hook complete: /var/lib/juju/units/wordpress-0/charm/hooks/db-relation-changed
```



local_07.png

juju_authorized_
keys

Terminal

```
2013-03-11 18:22:14,221 INFO 'status' command finished successfully
q@impala:~$ juju add-relation wordpress wordpress-db
2013-03-11 18:23:40,985 INFO Added mysql relation to all service units.
2013-03-11 18:23:40,987 INFO 'add_relation' command finished successfully
q@impala:~$ juju status
machines:
  0:
    agent-state: running
    dns-name: localhost
    instance-id: local
    instance-state: running
services:
  wordpress:
    charm: cs:precise/wordpress-10
    exposed: false
    relations:
      db:
        - wordpress-db
    loadbalancer:
      - wordpress
    units:
      wordpress/0:
        agent-state: started
        machine: 0
        public-address: 10.0.3.9
  wordpress-db:
    charm: cs:precise/mysql-15
    relations:
      db:
        - wordpress
    units:
      wordpress-db/0:
        agent-state: started
        machine: 0
        public-address: 10.0.3.81
2013-03-11 18:25:24,641 INFO 'status' command finished successfully
q@impala:~$ juju expose wordpress
2013-03-11 18:26:33,207 INFO Service 'wordpress' was exposed.
2013-03-11 18:26:33,208 INFO 'expose' command finished successfully
q@impala:~$
```

Terminal

```
2013-03-11 18:24:11,172 unit:wordpress/0: hook.output INFO:
Creating config file /etc/mercurial/hgrc.d/hgext.rc with new version

2013-03-11 18:24:11,454 unit:wordpress/0: hook.output INFO: Setting up subversion (1.6.17dfsg-3ubuntu3) ...

2013-03-11 18:24:11,785 unit:wordpress/0: hook.output INFO: Processing triggers for libc-bin ...

2013-03-11 18:24:11,853 unit:wordpress/0: hook.output INFO: ldconfig deferred processing now taking place

2013-03-11 18:24:13,153 unit:wordpress/0: hook.output INFO: Stopping nginx:
2013-03-11 18:24:13,158 unit:wordpress/0: hook.output INFO: nginx.

2013-03-11 18:24:13,175 unit:wordpress/0: hook.output INFO: * Restarting PHP5 FastCGI Process Manager php5-fpm

2013-03-11 18:24:13,207 unit:wordpress/0: hook.output INFO: ...done.

2013-03-11 18:24:13,210 unit:wordpress/0: hook.output INFO: Restarting nginx:
2013-03-11 18:24:14,234 unit:wordpress/0: hook.output INFO: nginx.

2013-03-11 18:24:14,277 unit:wordpress/0: hook.output INFO: Stopping nginx:
2013-03-11 18:24:14,280 unit:wordpress/0: hook.output INFO: nginx.

2013-03-11 18:24:14,297 unit:wordpress/0: hook.output INFO: * Restarting PHP5 FastCGI Process Manager php5-fpm

2013-03-11 18:24:14,334 unit:wordpress/0: hook.output INFO: ...done.

2013-03-11 18:24:14,337 unit:wordpress/0: hook.output INFO: Restarting nginx:
2013-03-11 18:24:15,362 unit:wordpress/0: hook.output INFO: nginx.

2013-03-11 18:24:15,528 unit:wordpress/0: unit.hook.api DEBUG: opened 80/tcp
2013-03-11 18:24:15,551 unit:wordpress/0: hook.output DEBUG: hook db-relation-changed exited, exit code 0.
2013-03-11 18:24:15,621 unit:wordpress/0: hook.executor DEBUG: Hook complete: /var/lib/juju/units/wordpress-0/charm/hooks/db-relation-changed
```



local_07.png

juju_authorized_
keys



Welcome

Welcome to the famous five minute WordPress installation process! You may want to browse the [ReadMe documentation](#) at your leisure. Otherwise, just fill in the information below and you'll be on your way to using the most extendable and powerful personal publishing platform in the world.

Information needed

Please provide the following information. Don't worry, you can always change these settings later.

Site Title

Username

Usernames can have only alphanumeric characters, spaces, underscores, hyphens, periods and the @ symbol.

Password, twice

A password will be automatically generated for you if you leave this blank.

Strength indicator

Hint: The password should be at least seven characters long. To make it stronger, use upper and lower case letters, numbers and symbols like ! " ? \$ % ^ &).

Your E-mail

Double-check your email address before continuing.



Success!

WordPress has been installed. Were you expecting more steps? Sorry to disappoint.

Username admin

Password *Your chosen password.*

Log In



ERROR: Invalid username. [Lost your password?](#)

Username

admin

Password

•••••

☐ Remember Me

Log In

[Lost your password?](#)

[← Back to QW_JuJu_demo_site](#)

Dashboard

Dashboard

Home

Updates

Posts

Media

Pages

Comments

Appearance

Plugins

Users

Tools

Settings

Collapse menu

Welcome to WordPress!

We've assembled some links to get you started:

Get Started

[Customize Your Site](#)or, [change your theme completely](#)

Next Steps

[Write your first blog post](#)[Add an About page](#)[View your site](#)

More Actions

[Manage widgets](#) or [menus](#)[Turn comments on or off](#)[Learn more about getting started](#)

Right Now

Content

1 Post

1 Page

1 Category

0 Tags

Discussion

1 Comment

1 Approved

0 Pending

0 Spam

Theme **Twenty Twelve** with **6 Widgets**You are using **WordPress 3.5.1**.

QuickPress

 Add Media

Recent Comments

From [Mr WordPress](#) on [Hello world! #](#)

Hi, this is a comment. To delete a comment, just log in and view the post's comments. There you will have ...

Recent Drafts

There are no drafts at the moment


```
2013-03-11 18:22:14,221 INFO 'status' command finished successfully
q@impala:~$ juju add-relation wordpress wordpress-db
2013-03-11 18:23:40,985 INFO Added mysql relation to all service units.
2013-03-11 18:23:40,987 INFO 'add_relation' command finished
q@impala:~$ juju status
machines:
  0:
    agent-state: running
    dns-name: localhost
    instance-id: local
    instance-state: running
services:
  wordpress:
    charm: cs:precise/wordpress-10
    exposed: false
    relations:
      db:
        - wordpress-db
      loadbalancer:
        - wordpress
    units:
      wordpress/0:
        agent-state: started
        machine: 0
        public-address: 10.0.3.9
  wordpress-db:
    charm: cs:precise/mysql-15
    relations:
      db:
        - wordpress
    units:
      wordpress-db/0:
        agent-state: started
        machine: 0
        public-address: 10.0.3.81
2013-03-11 18:25:24,641 INFO 'status' command finished
q@impala:~$ juju expose wordpress
2013-03-11 18:26:33,207 INFO Service 'wordpress' was exposed
2013-03-11 18:26:33,208 INFO 'expose' command finished
q@impala:~$
```

```
2013-03-11 18:24:11,172 unit:wordpress/0: hook.output INFO:
Creating config file /etc/mercurial/hgrc.d/hgext.rc with new version

INFO: Setting up subversion (1.6.17dfsg-3u)
INFO: Processing triggers for libc-bin ...
INFO: ldconfig deferred processing now taking place
INFO: Stopping nginx:
INFO: nginx.
INFO: * Restarting PHP5 FastCGI Process Manager:
INFO: ...done.
INFO: Restarting nginx:
INFO: nginx.
INFO: Stopping nginx:
INFO: nginx.
INFO: * Restarting PHP5 FastCGI Process Manager:
INFO: ...done.
INFO: Restarting nginx:
INFO: nginx.
api DEBUG: opened 80/tcp
DEBUG: hook db-relation-changed exited, execution time: 0.00s
or DEBUG: Hook complete: /var/lib/juju/units/wordpress/0
```

```
ubuntu@q-sample-wordpress-0: ~
q@impala:~$ ssh ubuntu@10.0.3.9
The authenticity of host '10.0.3.9 (10.0.3.9)' can't be established.
ECDSA key fingerprint is bd:9b:93:f8:ec:6c:09:0a:b1:4e:2e:41:35:ba:3f:bc.
Are you sure you want to continue connecting (yes/no)? yes
Warning: Permanently added '10.0.3.9' (ECDSA) to the list of known hosts.
Welcome to Ubuntu 12.04.2 LTS (GNU/Linux 3.2.0-38-generic x86_64)

 * Documentation:  https://help.ubuntu.com/

System information as of Mon Mar 11 18:34:29 UTC 2013

System load:  0.15               Processes:           46
Usage of /:   43.0% of 124.02GB  Users logged in:    0
Memory usage: 49%               IP address for eth0: 10.0.3.9
Swap usage:   0%

Graph this data and manage this system at https://landscape.canonical.com/

Get cloud support with Ubuntu Advantage Cloud Guest:
http://www.ubuntu.com/business/services/cloud

Use Juju to deploy your cloud instances and workloads:
https://juju.ubuntu.com/#cloud-precise

*** System restart required ***

The programs included with the Ubuntu system are free software;
the exact distribution terms for each program are described in the
individual files in /usr/share/doc/*/copyright.

Ubuntu comes with ABSOLUTELY NO WARRANTY, to the extent permitted by
applicable law.

To run a command as administrator (user "root"), use "sudo <command>".
See "man sudo_root" for details.

ubuntu@q-sample-wordpress-0:~$
```



local_07.png



local_17.png

Terminal

```
2013-03-11 18:23:40,985 INFO Added mysql relation to all service units.
2013-03-11 18:23:40,987 INFO 'add_relation' command finished successfully
q@impala:~$ juju status
machines:
  0:
    agent-state: running
    dns-name: localhost
    instance-id: local
    instance-state: running
services:
  wordpress:
    charm: cs:precise/wordpress-10
    exposed: false
    relations:
      db:
        - wordpress-db
    loadbalancer:
      - wordpress
  units:
    wordpress/0:
      agent-state: started
      machine: 0
      public-address: 10.0.3.9
  wordpress-db:
    charm: cs:precise/mysql-15
    relations:
      db:
        - wordpress
  units:
    wordpress-db/0:
      agent-state: started
      machine: 0
      public-address: 10.0.3.81
2013-03-11 18:25:24,641 INFO 'status' command finished successfully
q@impala:~$ juju expose wordpress
2013-03-11 18:26:33,207 INFO Service 'wordpress' was exposed.
2013-03-11 18:26:33,208 INFO 'expose' command finished successfully
q@impala:~$ juju destroy-environment
WARNING: this command will destroy the 'sample' environment (type: local).
This includes all machines, services, data, and other resources. Continue [y/N] y
```

Terminal

```
2013-03-11 18:24:11,172 unit:wordpress/0: hook.output INFO:
Creating config file /etc/mercurial/hgrc.d/hgext.rc with new version

2013-03-11 18:24:11,454 unit:wordpress/0: hook.output INFO: Setting up subversion (1.6.17dfsg-3ubuntu3) ...

2013-03-11 18:24:11,785 unit:wordpress/0: hook.output INFO: Processing triggers for libc-bin ...

2013-03-11 18:24:11,853 unit:wordpress/0: hook.output INFO: ldconfig deferred processing now taking place

2013-03-11 18:24:13,153 unit:wordpress/0: hook.output INFO: Stopping nginx:
2013-03-11 18:24:13,158 unit:wordpress/0: hook.output INFO: nginx.

2013-03-11 18:24:13,175 unit:wordpress/0: hook.output INFO: * Restarting PHP5 FastCGI Process Manager php5-fpm

2013-03-11 18:24:13,207 unit:wordpress/0: hook.output INFO: ...done.

2013-03-11 18:24:13,210 unit:wordpress/0: hook.output INFO: Restarting nginx:
2013-03-11 18:24:14,234 unit:wordpress/0: hook.output INFO: nginx.

2013-03-11 18:24:14,277 unit:wordpress/0: hook.output INFO: Stopping nginx:
2013-03-11 18:24:14,280 unit:wordpress/0: hook.output INFO: nginx.

2013-03-11 18:24:14,297 unit:wordpress/0: hook.output INFO: * Restarting PHP5 FastCGI Process Manager php5-fpm

2013-03-11 18:24:14,334 unit:wordpress/0: hook.output INFO: ...done.

2013-03-11 18:24:14,337 unit:wordpress/0: hook.output INFO: Restarting nginx:
2013-03-11 18:24:15,362 unit:wordpress/0: hook.output INFO: nginx.

2013-03-11 18:24:15,528 unit:wordpress/0: unit.hook.api DEBUG: opened 80/tcp
2013-03-11 18:24:15,551 unit:wordpress/0: hook.output DEBUG: hook db-relation-changed exited, exit code 0.
2013-03-11 18:24:15,621 unit:wordpress/0: hook.executor DEBUG: Hook complete: /var/lib/juju/units/wordpress-0/charm/hooks/db-relation-changed
```

juju_authorized_
keys



local_07.png



local_17.png

Terminal

```
instance-id: local
instance-state: running
services:
  wordpress:
    charm: cs:precise/wordpress-10
    exposed: false
    relations:
      db:
        - wordpress-db
      loadbalancer:
        - wordpress
    units:
      wordpress/0:
        agent-state: started
        machine: 0
        public-address: 10.0.3.9
  wordpress-db:
    charm: cs:precise/mysql-15
    relations:
      db:
        - wordpress
    units:
      wordpress-db/0:
        agent-state: started
        machine: 0
        public-address: 10.0.3.81
2013-03-11 18:25:24,641 INFO 'status' command finished successfully
q@impala:~$ juju expose wordpress
2013-03-11 18:26:33,207 INFO Service 'wordpress' was exposed.
2013-03-11 18:26:33,208 INFO 'expose' command finished successfully
q@impala:~$ juju destroy-environment
WARNING: this command will destroy the 'sample' environment (type: local).
This includes all machines, services, data, and other resources. Continue [y/N] y
2013-03-11 18:36:13,010 INFO Destroying environment 'sample' (type: local)...
2013-03-11 18:36:13,011 INFO Destroying unit containers...
[sudo] password for q:
2013-03-11 18:36:41,339 INFO 'destroy_environment' command finished successfully
q@impala:~$ juju status
2013-03-11 18:36:49,219 ERROR juju environment not found: no details available
q@impala:~$
```



local_07.png



local_17.png

Terminal

```
2013-03-11 18:24:11,172 unit:wordpress/0: hook.output INFO:
Creating config file /etc/mercurial/hgrc.d/hgext.rc with new version

2013-03-11 18:24:11,454 unit:wordpress/0: hook.output INFO: Setting up subversion (1.6.17dfsg-3ubuntu3) ...

2013-03-11 18:24:11,785 unit:wordpress/0: hook.output INFO: Processing triggers for libc-bin ...

2013-03-11 18:24:11,853 unit:wordpress/0: hook.output INFO: ldconfig deferred processing now taking place

2013-03-11 18:24:13,153 unit:wordpress/0: hook.output INFO: Stopping nginx:
2013-03-11 18:24:13,158 unit:wordpress/0: hook.output INFO: nginx.

2013-03-11 18:24:13,175 unit:wordpress/0: hook.output INFO: * Restarting PHP5 FastCGI Process Manager php5-fpm

2013-03-11 18:24:13,207 unit:wordpress/0: hook.output INFO: ...done.

2013-03-11 18:24:13,210 unit:wordpress/0: hook.output INFO: Restarting nginx:
2013-03-11 18:24:14,234 unit:wordpress/0: hook.output INFO: nginx.

2013-03-11 18:24:14,277 unit:wordpress/0: hook.output INFO: Stopping nginx:
2013-03-11 18:24:14,280 unit:wordpress/0: hook.output INFO: nginx.

2013-03-11 18:24:14,297 unit:wordpress/0: hook.output INFO: * Restarting PHP5 FastCGI Process Manager php5-fpm

2013-03-11 18:24:14,334 unit:wordpress/0: hook.output INFO: ...done.

2013-03-11 18:24:14,337 unit:wordpress/0: hook.output INFO: Restarting nginx:
2013-03-11 18:24:15,362 unit:wordpress/0: hook.output INFO: nginx.

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```

juju_authorized_keys