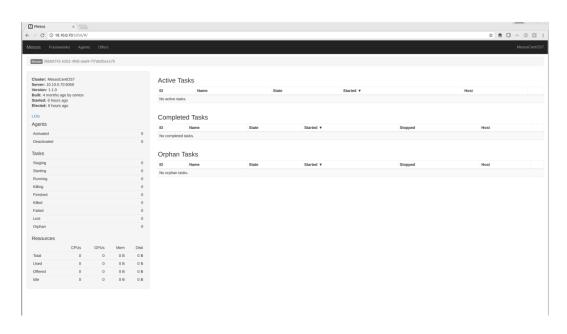
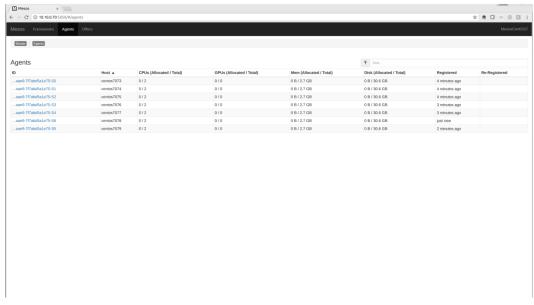
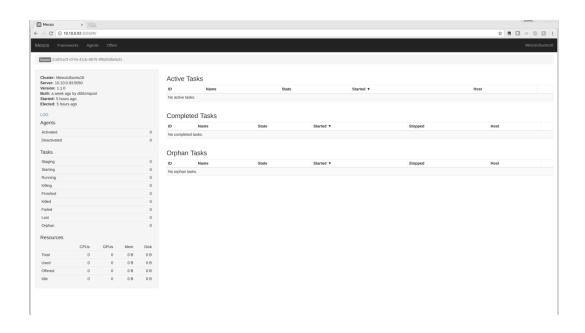
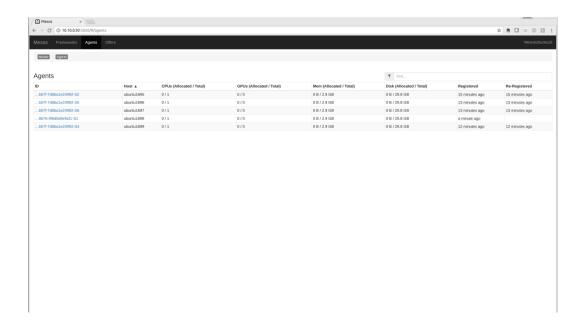
Chapter 2: Implementing High Availability with Apache ZooKeeper



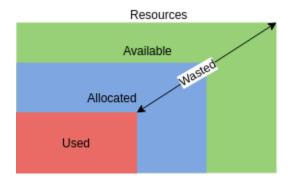




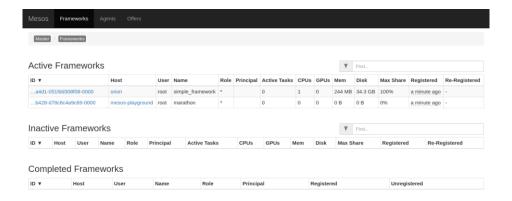




Chapter 3: Running and Maintaining Mesos



Chapter 4: Understanding the Scheduler API





Outstanding Offers

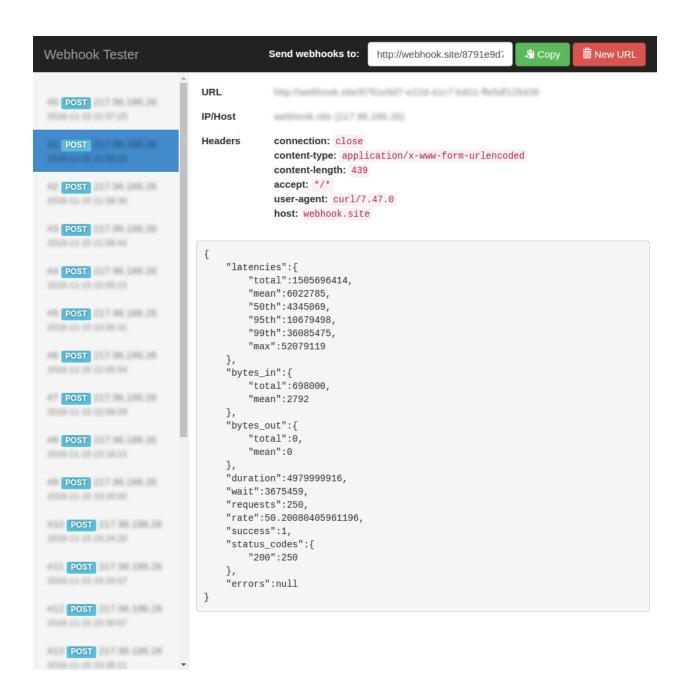
▼ Find						
ID ▼	Framework	Host	CPUs	GPUs	Mem	Disk
a4d1-051fdd308f08-O19	simple_framework	10.10.10.10	1	0	244 MB	34.3 GB

Chapter 5: Managing Containers

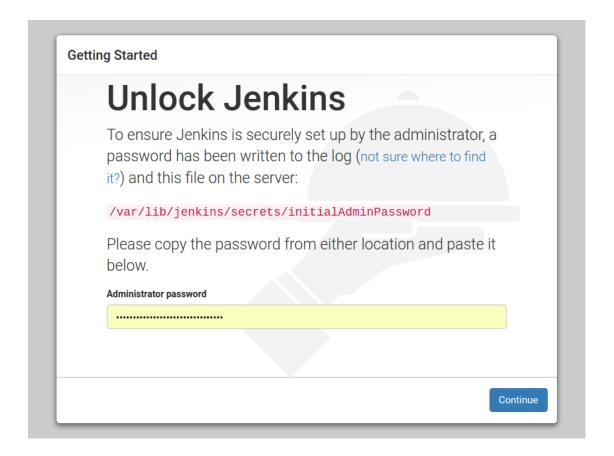
```
Viewing: Processes For: whole machine
Source: Live System Filter: (mesos.task.id!= ) and (evt.type!=switch)
            CPU USER TH
 12270
          0.00 root
                                        43M
                                                  10M
                                                             0
                                                                  0.00 python -m SimpleHTTPServer 31044
                                1
 12271
          0.00 root
                                        43M
                                                  10M
                                                             0
                                                                  0.00 python -m SimpleHTTPServer 31235
                                1
                                       807M
                                                                  0.00 mesos-executor --launcher_dir=/usr/libe
 12227
          0.00 root
                               10
                                                  32M
                                                             0
                                                                  0.00 sh -c echo "OK" > index.html && python
0.00 sh -c echo "OK" > index.html && python
 12268
          0.00 root
                                1
                                         4M
                                                 700K
                                                             0
 12269
          0.00 root
                                1
                                         4M
                                                 700K
                                                             0
F1Help F2Views F4FilterF5Echo F6Dig F7LegendF8ActionsF9Sort F12SpectroCTRL+FSearch
```

```
/iewing: sysdig output For: proc.pid=12271
Source: Live System Filter: (mesos.task.id!= ) and ((evt.type!=switch) and proc.pid=12271)
172813 12:53:25.155993204 1 python (12271) > fstat fd=5(<f>/var/lib/mesos/slaves/e1119c1a-1812-4ecc-af95-
172814 12:53:25.155995440 1 python (12271) < fstat res=0
172815 12:53:25.156009524 1 python (12271) > sendto fd=4(<4t>10.10.10:46644->10.10.10.10:31235) size=1
172816 12:53:25.156020550 1 python (12271) < sendto res=19 data=Content-Length: 3..
172818 12:53:25.156051186 1 python (12271) > sendto fd=4(<4t>10.10.10.10:46644->10.10.10:10:31235) size=4
172819 12:53:25.156062779 1 python (12271) < sendto res=46 data=Last-Modified: Wed, 05 Oct 2016 12:22:24
172820 12:53:25.156075510 1 python (12271) > sendto fd=4(<4t>10.10.10.10:46644->10.10.10:10:31235) size=2
172821 12:53:25.156084987 1 python (12271) < sendto res=2 data=.
172822 12:53:25.156100257 1 python (12271) > fstat fd=5(<f>/var/lib/mesos/slaves/e1119c1a-1812-4ecc-af95-
172823 12:53:25.156101461 1 python (12271) < fstat res=0
172824 12:53:25.156103100 1 python (12271) > read fd=5(<f>/var/lib/mesos/slaves/e1119c1a-1812-4ecc-af95-6
172825 12:53:25.156108052 1 python (12271) < read res=3 data=0K.
172826 12:53:25.156109121 1 python (12271) > read fd=5(<f>/var/lib/mesos/slaves/e1119c1a-1812-4ecc-af95-6
172827 12:53:25.156110001 1 python (12271) < read res=0 data=
172828 12:53:25.156122874 1 python (12271) > sendto fd=4(<4t>10.10.10.10:46644->10.10.10:31235) size=3
172829 12:53:25.156250926 1 python (12271) < sendto res=3 data=OK.
172830 12:53:25.156258918 1 python (12271) > read fd=5(<f>/var/lib/mesos/slaves/e1119c1a-1812-4ecc-af95-6
172831 12:53:25.156260804 1 python (12271) < read res=0 data=
172832 12:53:25.156269336 1 python (12271) > close fd=5(<f>/var/lib/mesos/slaves/e1119c1a-1812-4ecc-af95-
172833 12:53:25.156271681 1 python (12271) < close res=0
172834 12:53:25.156326594 1 python (12271) > shutdown fd=4(<4t>10.10.10.10:46644->10.10.10.10:31235) how=
172835 12:53:25.156342081 1 python (12271) < shutdown res=0
172837 12:53:25.156355231 1 python (12271) > close fd=4(<4t>10.10.10.10:46644->10.10.10.10:31235)
172838 12:53:25.156356613 1 python (12271) < close res=0
172839 12:53:25.156388645 1 python (12271) > select
179255 12:53:25.657125111 1 python (12271) < select res=0
17<u>9256 1</u>2:<u>53:25.6</u>571944<u>99 1 python (1</u>227<u>1)</u>
                                           > select
       F2View AsCTRL+FSearchp Pause BakBack c Clear CTRL+GGoto
                                                                                           119/146(100.0%)
```

Chapter 7: Job Scheduling with Metronome



Chapter 8: Continuous Integration with Jenkins







Customize Jenkins

Plugins extend Jenkins with additional features to support many different needs.

Install suggested plugins

Install plugins the Jenkins community finds most useful.

Select plugins to install

Select and install plugins most suitable for your needs.

Jenkins 2.32.1

Create First Admin User
Username:
Password:
Confirm password:
Full name:
E-mail address:

Jenkins is ready! You've skipped creating an admin user. To log in, use the username: 'admin' and the administrator password you used to access the setup wizard. Your Jenkins setup is complete. Start using Jenkins Jenkins 2.32.1



