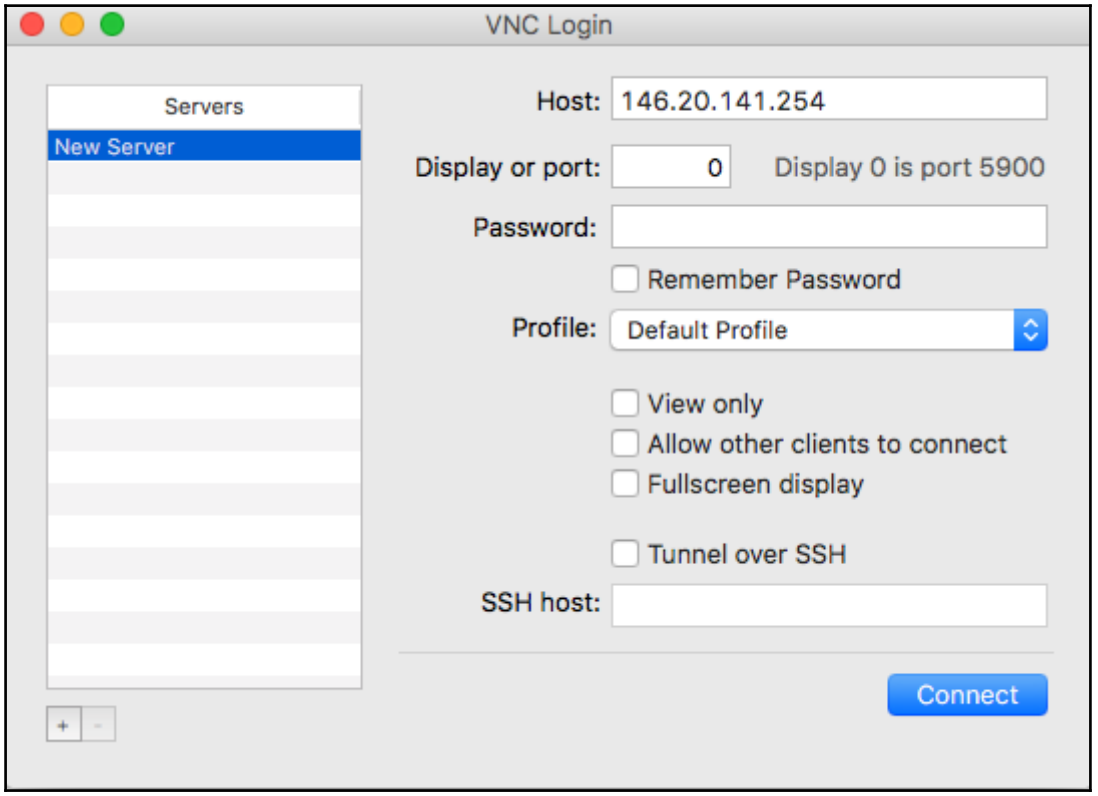
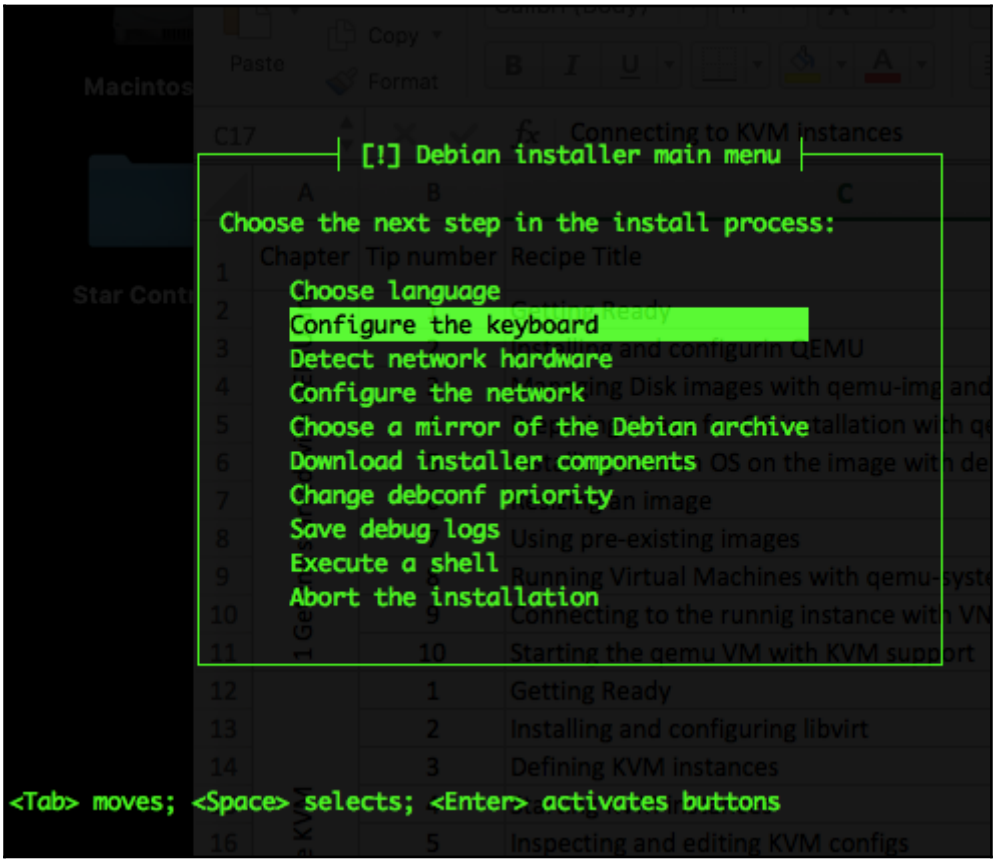
Graphic Bundle

Chapter 1: Getting Started with QEMU and KVM

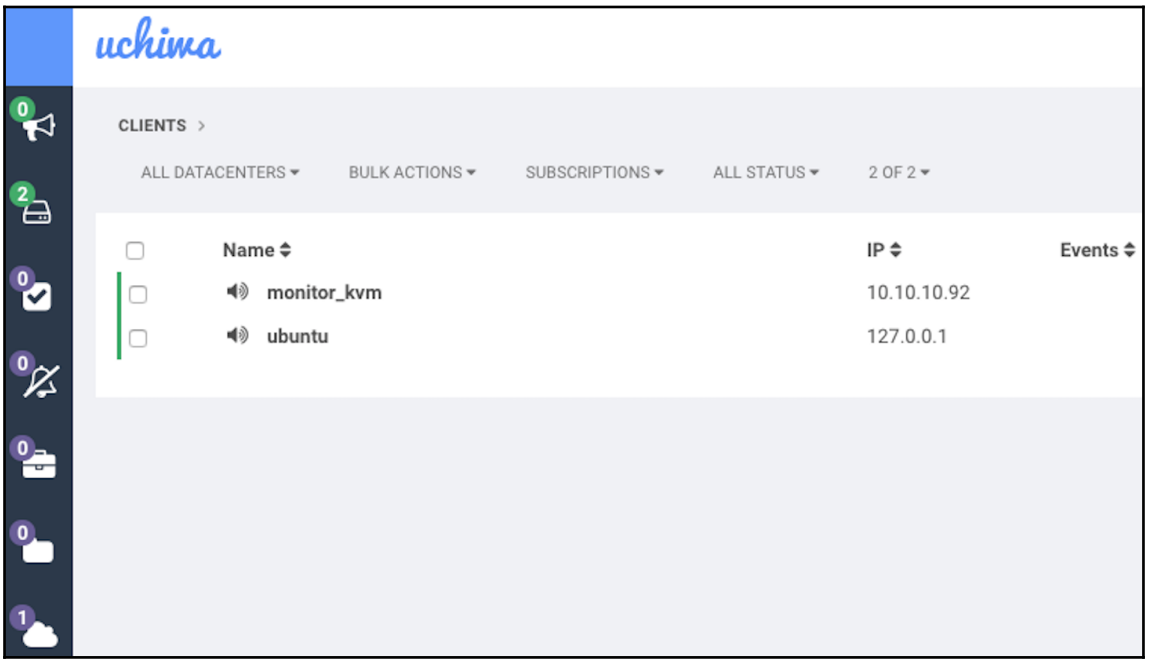


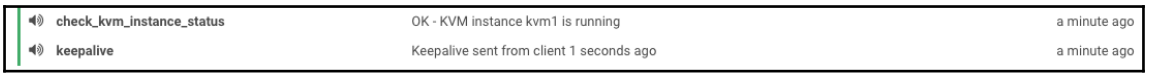

QEMU (debian)
Debian GNU/Linux 8 server-23 tty1
server-23 login: root
Password:
Last login: Fri Mar 10 15:05:26 UTC 2017 on tty1
Linux server-23 3.16.0-4-amd64 #1 SMP Debian 3.16.39-1 (2016-12-30) x86_64
The programs included with the Debian GNU/Linux system are free software;
the exact distribution terms for each program are described in the
individual files in /usr/share/doc/*/copyright.
Debian GNU/Linux comes with ABSOLUTELY NO WARRANTY, to the extent
permitted by applicable law.
root@server-23:~# lscpu
Architecture: x86_64
CPU op-mode(s): 32-bit, 64-bit
Byte Order: Little Endian
CPU(s): 1
On-line CPU(s) list: 0
Thread(s) per core: 1
Core(s) per socket: 1
Socket(s): 1
NUMA node(s): 1
Vendor ID: GenuineIntel
CPU family: 6
Model: 26
Model name: Intel Core i7 9xx (Nehalem Class Core i7)
Stepping: 3
CPU MHz: 2593.788
BogoMIPS: 5187.57
L1d cache: 32K
L1i cache: 32K
L2 cache: 4096K
NUMA node0 CPU(s): 0
root@server-23:~# free -m
total used free shared buffers cached
Mem: 1000 59 941 4 5 27
-/+ buffers/cache: 26 973
Swap: 0 0 0
root@server-23:~# _

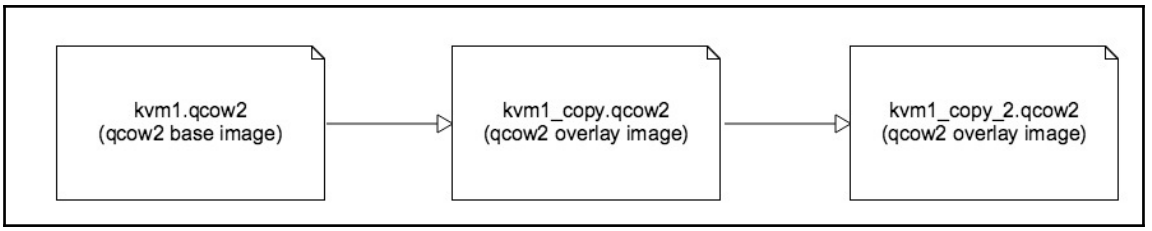
Chapter 2: Using libvirt to Manage KVM



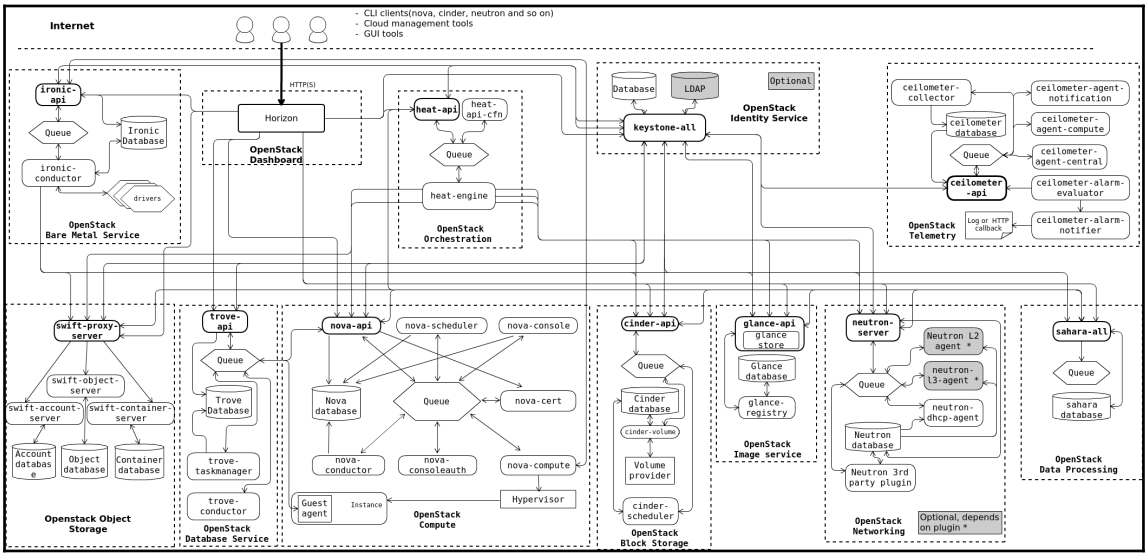
Chapter 5: Monitoring and Backup of KVM Virtual Machines






kvm1.qcow2
(qcow2 base image)
kvm1_copy.qcow2
(qcow2 overlay image)
kvm1_copy_2.qcow2
(qcow2 overlay image)

Chapter 6: Deploying KVM Instances with OpenStack



Chapter 8: Kernel Tuning for KVM Performance