

0x08b42a0 [0,0]

Contents: [Dobrica Pavlinu's random unstructured stuff]

- Dobrica Pavlinu's random unstructured stuff (Install)
- Dobrica Pavlinu's random unstructured stuff (Migration)
  - ◆ Dobrica Pavlinu's random unstructured stuff (Prepare shared disk image)
  - ◆ Dobrica Pavlinu's random unstructured stuff (New target)
  - ◆ Dobrica Pavlinu's random unstructured stuff (Running source)

<http://kvm.qumranet.com/kvmwiki/FAQ>

## Install

```
sudo apt-get install kvm
```

## Migration

<http://kvm.qumranet.com/kvmwiki/Migration>

- 01-kvm-start.sh - how to start kvm
- config - variables included in following scripts
- 02-kvm-migration-incoming.sh
- 03-kvm-migration-running.sh
- kvm-migration-demo.sh - wrap it all in demo

## Prepare shared disk image

Usually, you will use `nfs` for this. Edit `/etc/exports` and add something like (if your local network is 192.168.1.x):

```
/rest          192.168.1.0/255.255.255.0(rw)
```

And start `nfs` server

```
dpavlin@llin:~$ sudo /etc/init.d/nfs-user-server start
```

## New target

Mount shared storage and run `qemu` which will receive running machine

```
dpavlin@squeak:~$ mkdir mnt/rest
dpavlin@squeak:~$ sudo mount 192.168.1.13:/rest mnt/rest/
dpavlin@squeak:~$ ls -al mnt/rest/iso/gparted-live-0.3.9-4.iso
-rw-r--r-- 1 dpavlin dpavlin 98347008 Oct  9 17:31 mnt/rest/iso/gparted-live-0.3.9-4.iso
```

```
dpavlin@squeak:~$ kvm -cdrom mnt/rest/iso/gparted-live-0.3.9-4.iso -incoming tcp://0:4444 -monito
```

## Running source

```
dpavlin@llin:~$ kvm -m 128 -cdrom /rest/iso/gparted-live-0.3.9-4.iso -monitor stdio -no-kvm  
QEMU 0.9.1 monitor - type 'help' for more information  
(qemu) migrate tcp://192.168.1.30:4444
```

We use `-no-kvm` to disable kvm because our target machine doesn't have vmx|svm support!