

Cloud virtualizacija



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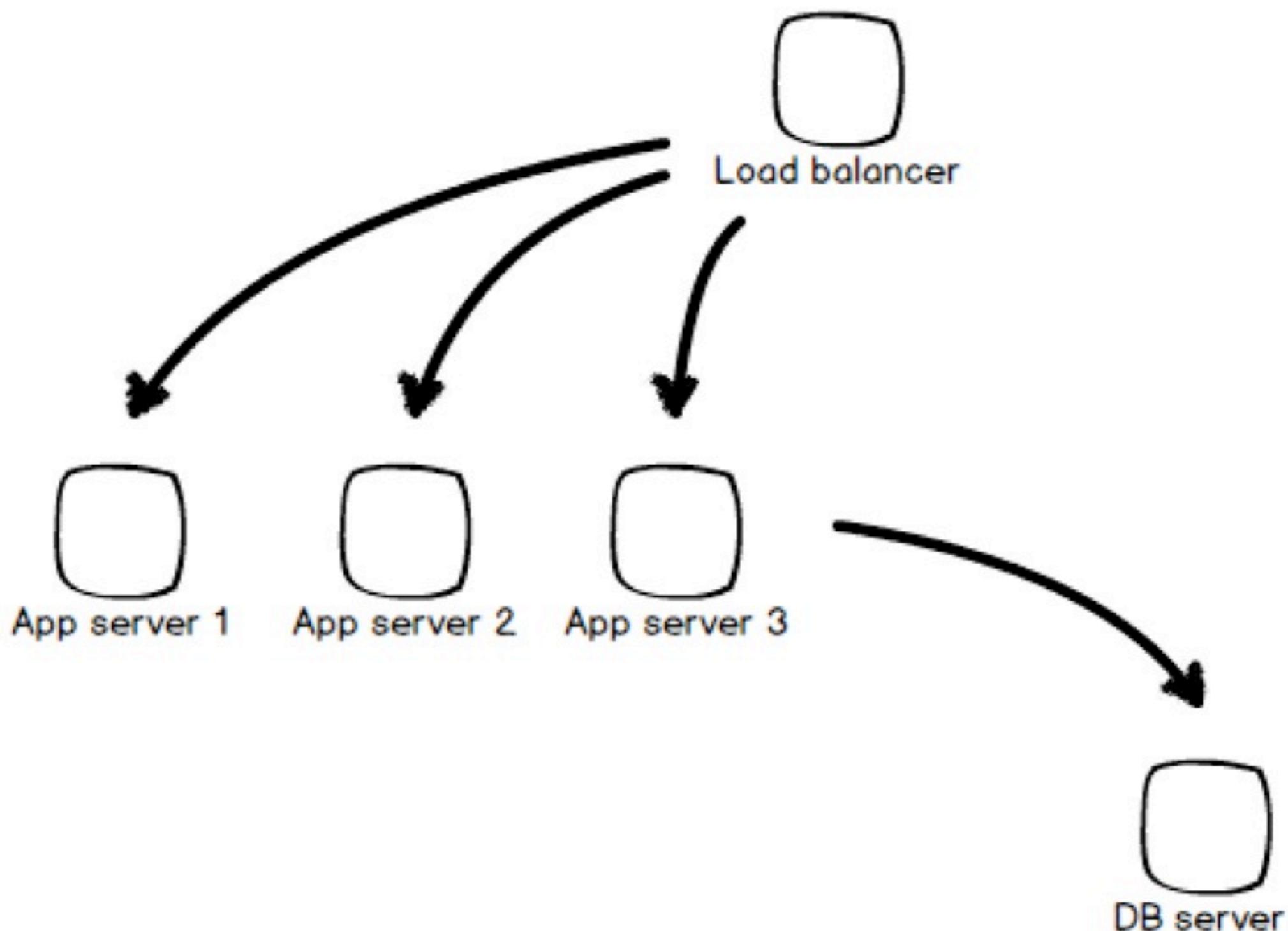
<http://simonas.info>

Tas populiarus žodis
“cloud”



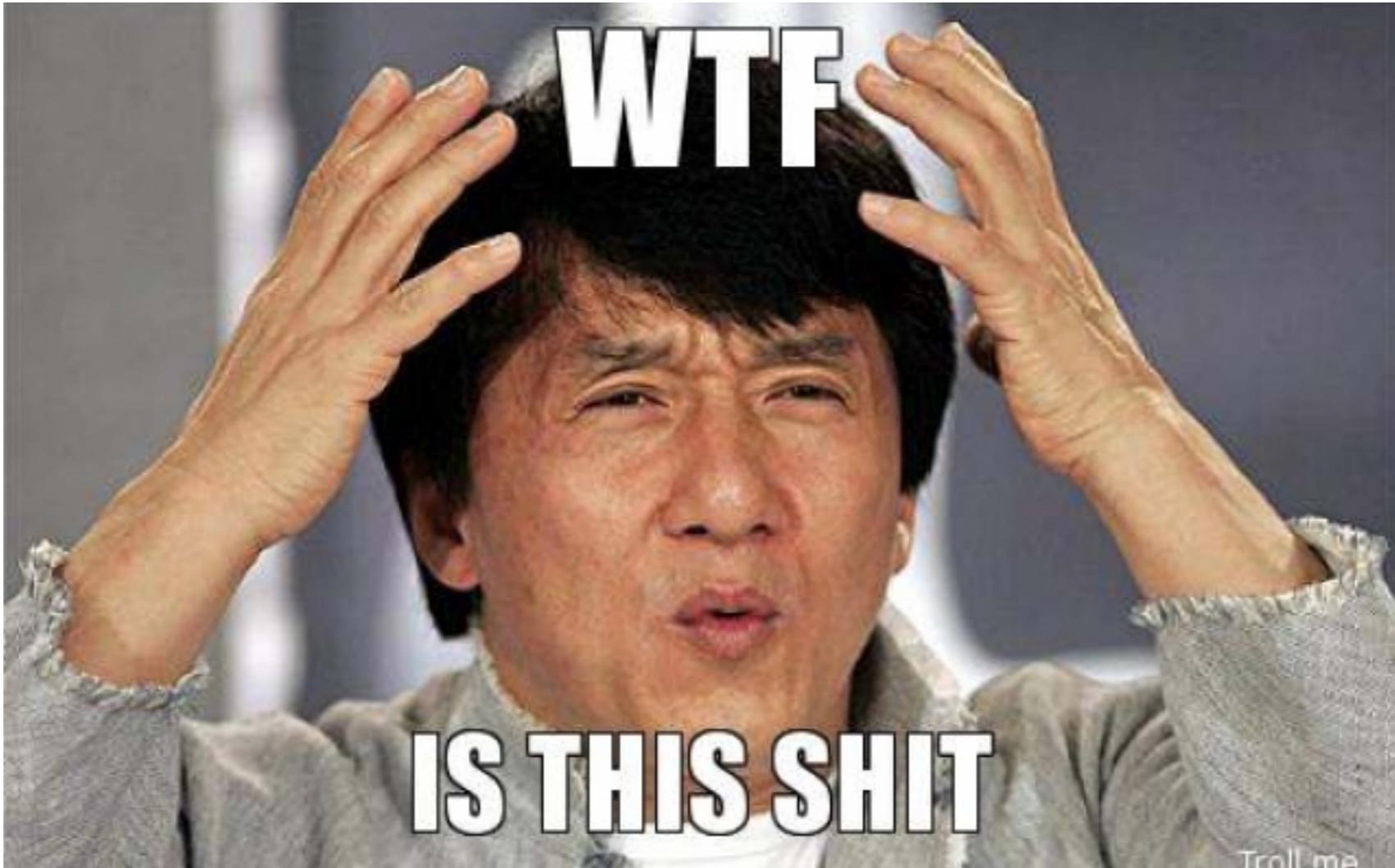
Čia gyvena svetainės

Populiariausias scenarijus?





Kaip pasileisti tokią sistemą?



Dev aplinka yra iššūkis

Naturalu naudoti tai
kas populiaru :)

Wamp



MAMP

Zend server



LAMP



**Taigi, jei tai veikia, kam
viską keisti?**

Visada yra bet...

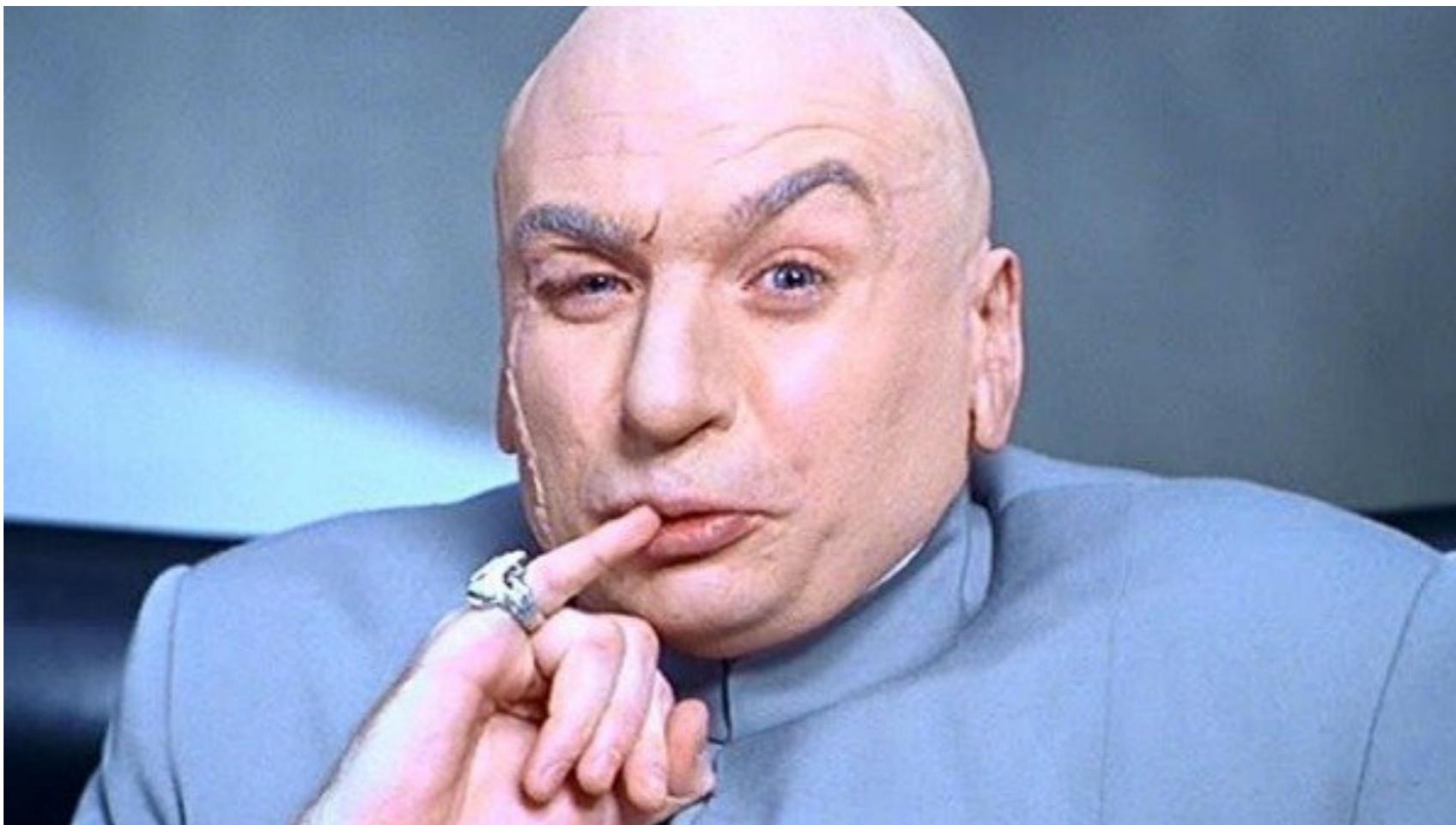
Trunka labai daug laiko

Skirtingi nustatymai

Sunku konfiguruoti,
ir tai reikia daryti
kaskart pradedant
projekta

**Jei veikia pas
mane,
veiks ir
serveryje!**





Ir štai tobulas sprendimas



Viską automatizuoti



VAGRANT



puppet
labs

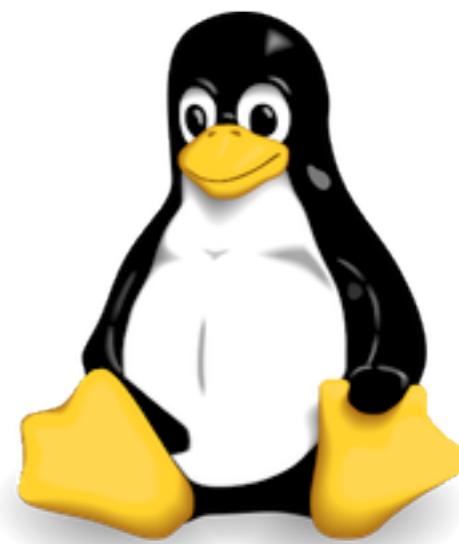


<http://downloads.vagrantup.com/>

<https://github.com/puppetlabs>

<https://www.virtualbox.org/wiki/Downloads>

YES



**Vienas box failas
visiems virtualiems
komiuteriams**

veewee

<https://github.com/jedi4ever/veewee>

```
veewee vbox define 'wheezy' 'Debian-7.1.0-amd64-netboot'  
veewee vbox build 'wheezy'  
veewee vbox export 'wheezy'
```

vagrant

```
vagrant box add 'wheezy' 'wheezy.box'
```

Vienas failas, kur
susiveda visi nustatymai

Vagrantfile

```
Vagrant.configure("2") do |config|
  config.vm.box = "wheezy"
  config.vm.box_url = $box_url
  config.vm.synced_folder $synced_folder, "/var/www", :nfs => true
  config.vm.define "balancer" do |node|
    node.vm.network :private_network, ip: "192.168.123.10"
    node.vm.provision :puppet do |puppet|
      puppet.manifests_path = "vm/manifests"
      puppet.module_path = "vm/modules"
      puppet.manifest_file = "balancer.pp"
      puppet.facter = {
        "fqdn" => "kaunasphp.dev"
      }
      puppet.options = [ '--verbose', '--debug' ]
    end
  end
  ...
  config.vm.define "db0.....
  ...
end
```

Puppet manifestai
aprašantys, kas bus
serveryje

```
$php = [ "php5", "php5-mysql" ]  
  
package { $php:  
    ensure => latest  
}  
  
package { "apache2":  
    ensure => latest  
}
```

```
file { '/etc/apache2/sites-available/project':
  ensure => present,
  source => "puppet:///modules/apache/vhost.conf",
  replace => true,
  notify => Service['apache2'],
  require => Package['apache2'],
}
```

Pluginai padedantys sukonfiguruoti “host” įrašus

```
vagrant plugin install vagrant-hostmanager  
vagrant plugin install vagrant-hostsupdater
```

vagrant up

Westvleteren

XII

Westvleteren

XII



DEMO

AG...

QUESTION
EVERYTHING

"TEASER

TLW