Mit OpenStack zur eigenen Cloud

Martin G. Loschwitz hostexo



Wer?





































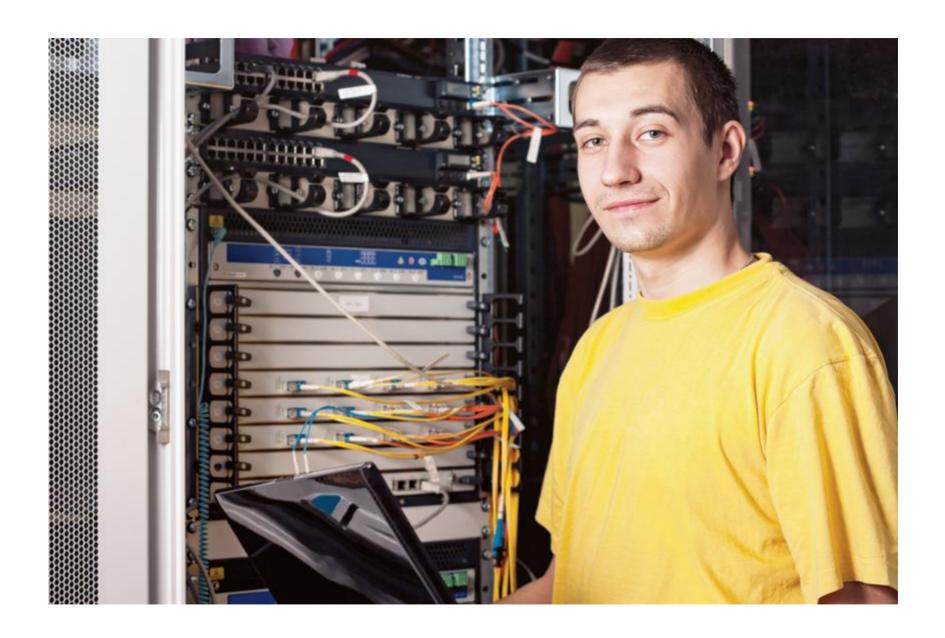
hastexo

3 Teile

Cloud?!

laaS, SaaS, PaaS ...

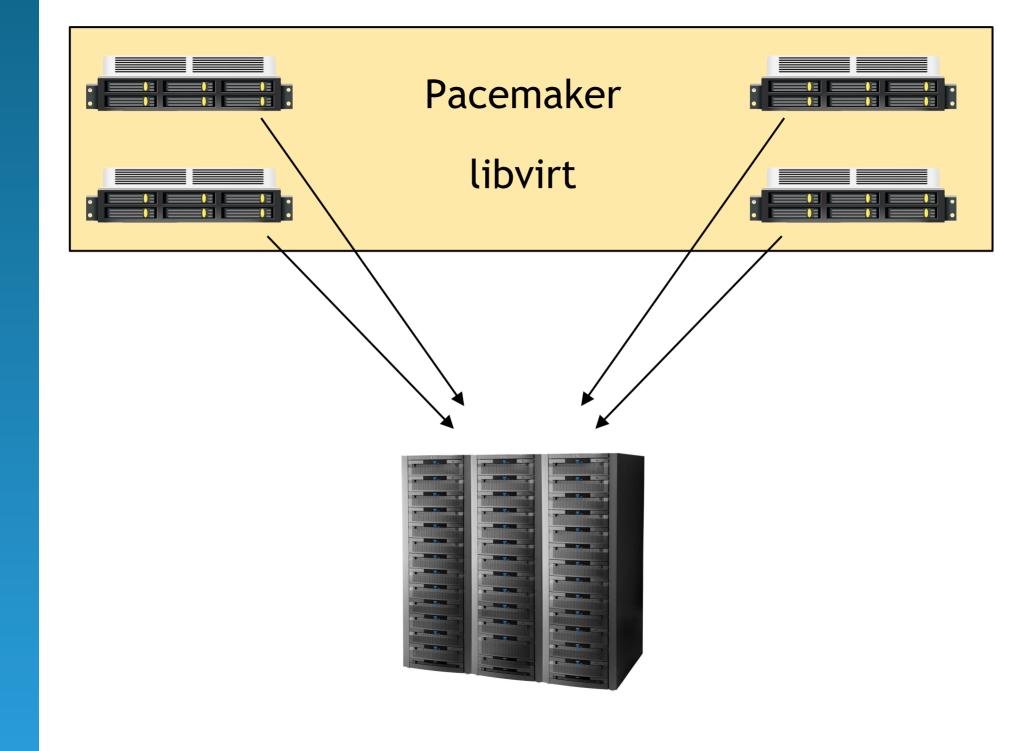
"Sie wollen also Cloud Computing ..."

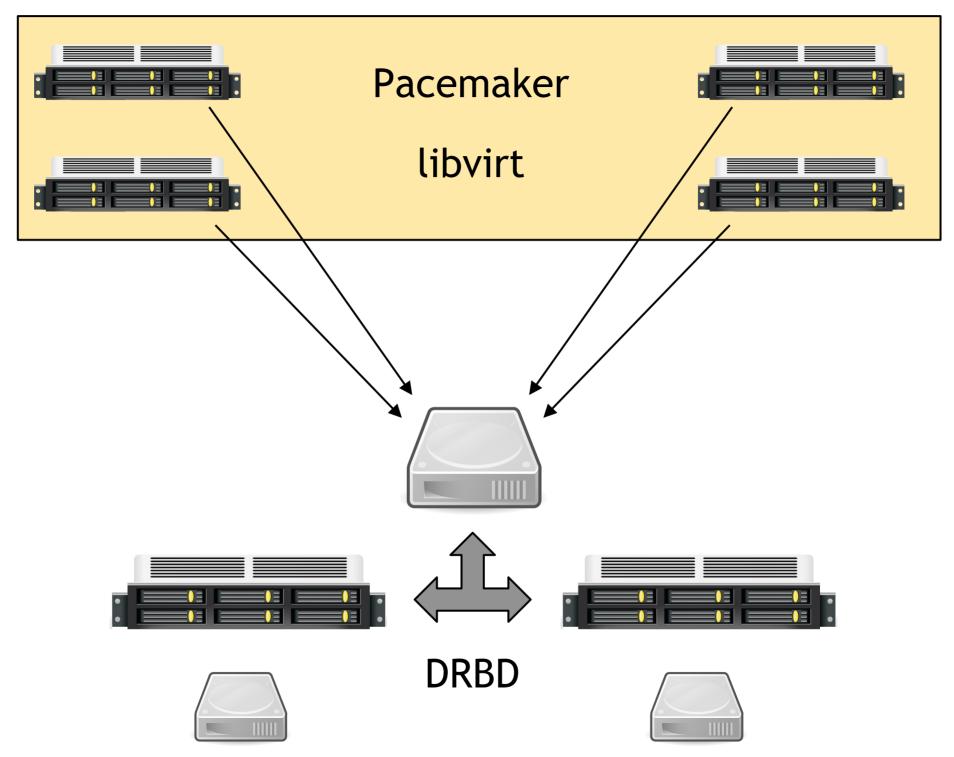


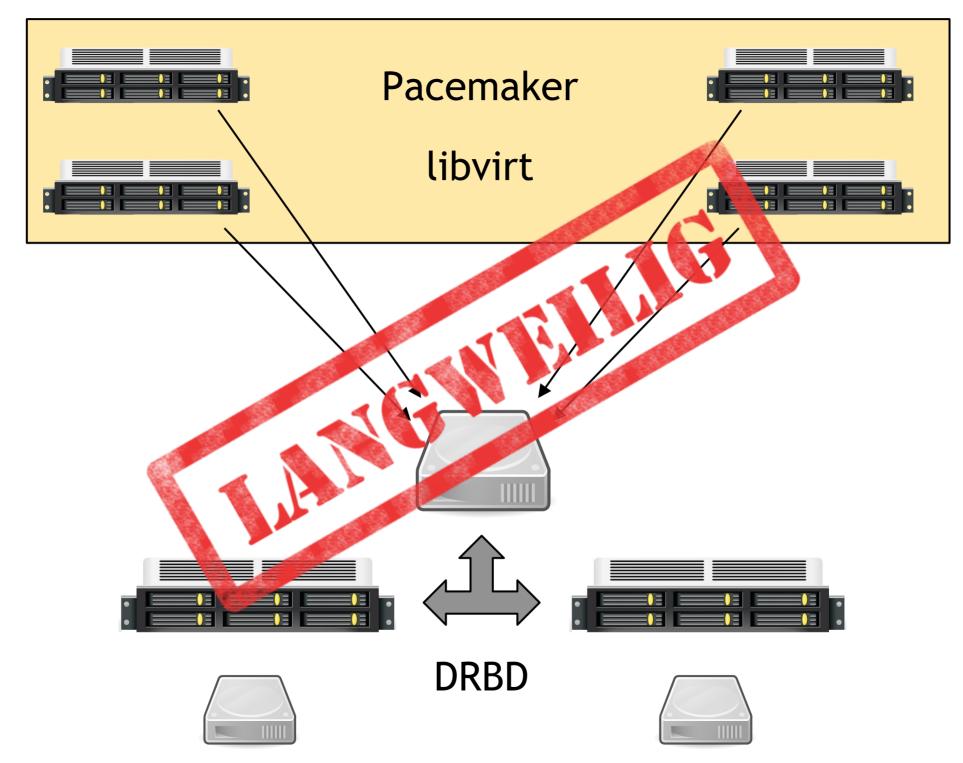












Automatisierung?

Storage einrichten

Virtuelle Maschine einrichten

Virtuelle Maschine integrieren

Automatisierung











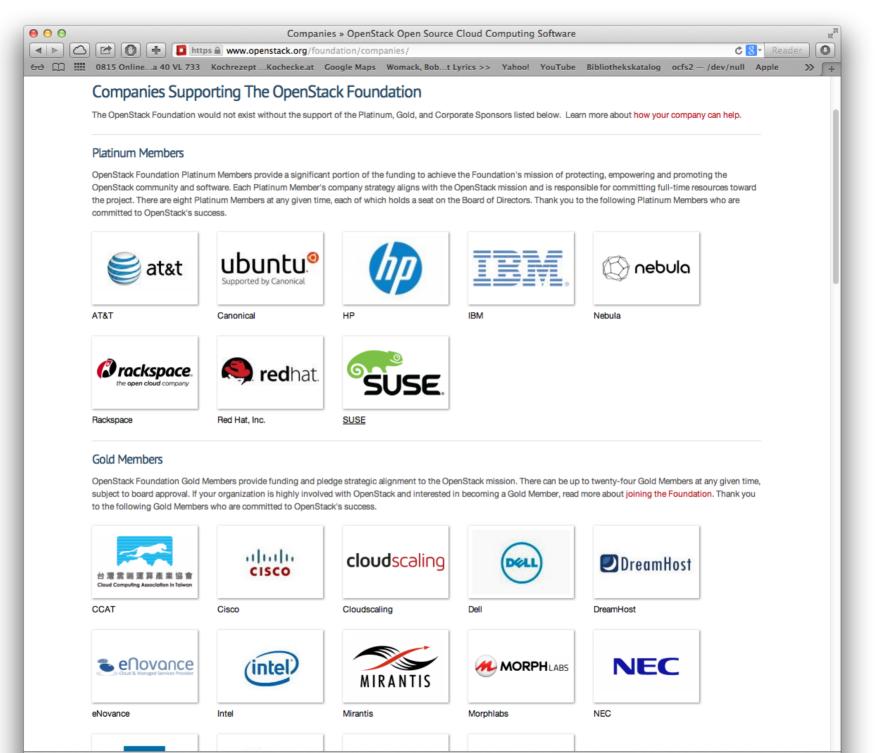


Die Lösung



Start im Juli 2010

NASA & Rackspace



Folsom

Grizzly

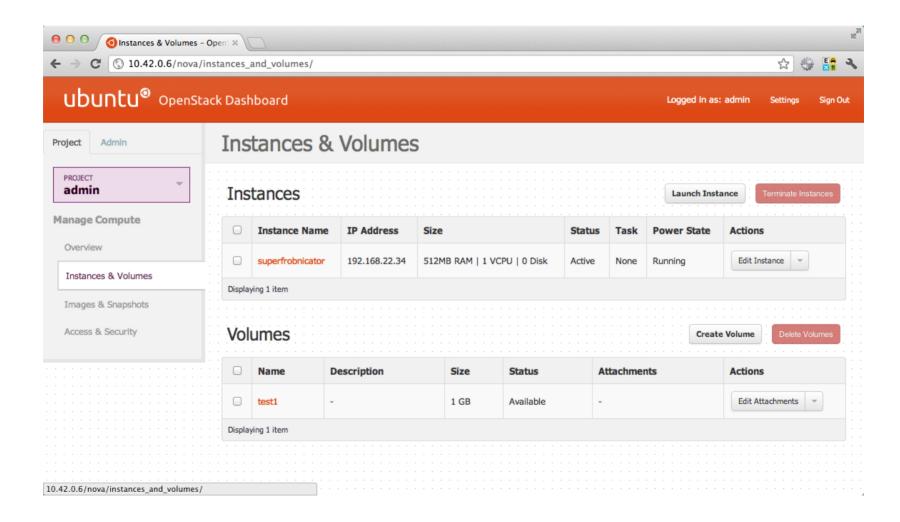
7 Komponenten

OpenStack Dashboard ("Horizon")

Horizon



Horizon



RabbitMQ

MySQL

OpenStack Compute ("Nova")

Nova

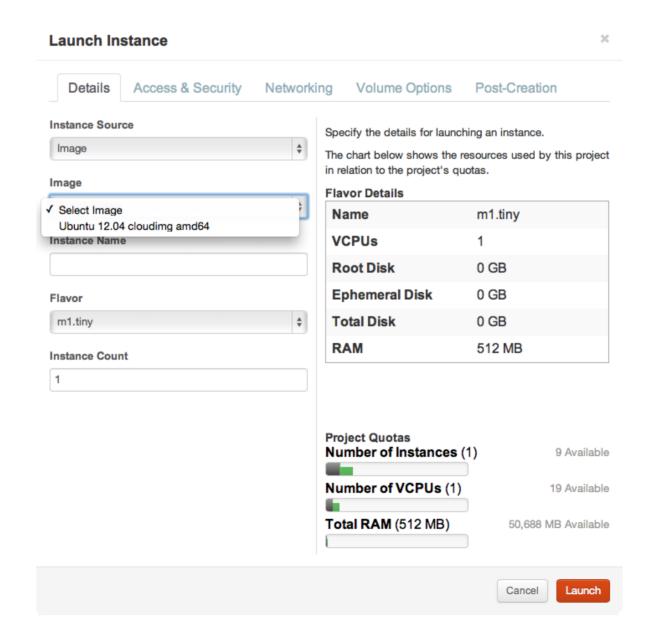


OpenStack ImageService ("Glance")

Glance



Glance

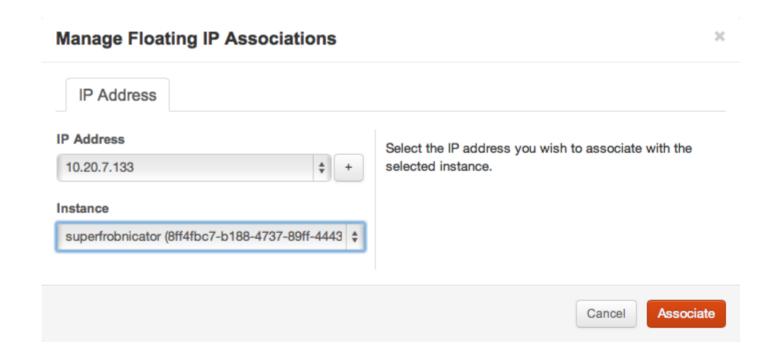


OpenStack Networking ("Quantum")

Quantum



Quantum



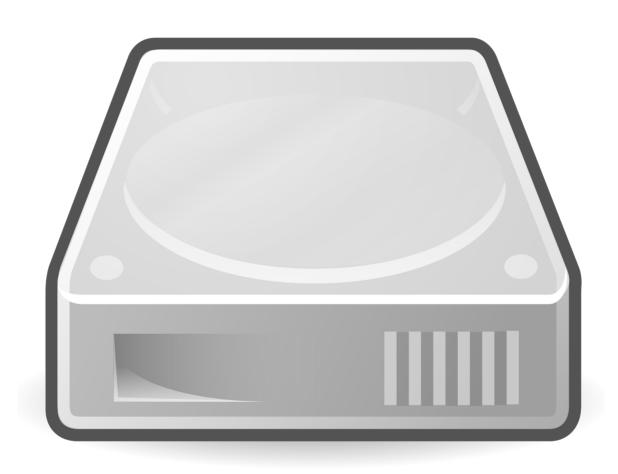
OpenStack Identity ("Keystone")

Keystone



OpenStack Block Storage ("Cinder")

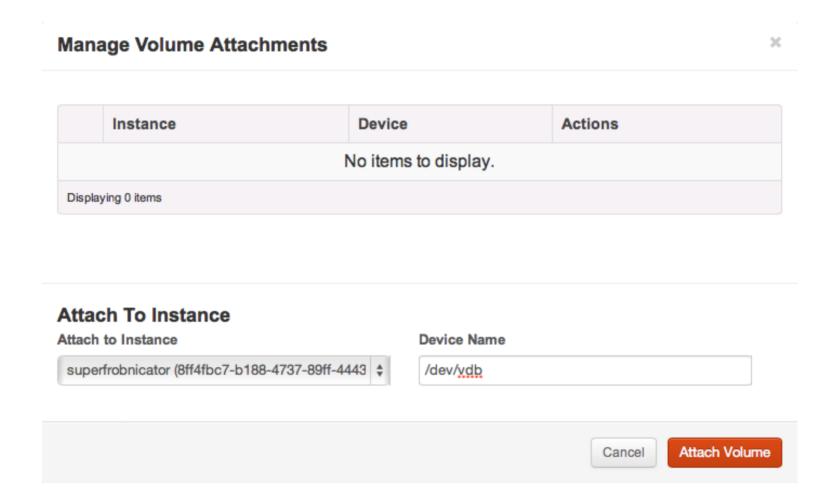
Cinder



Cinder

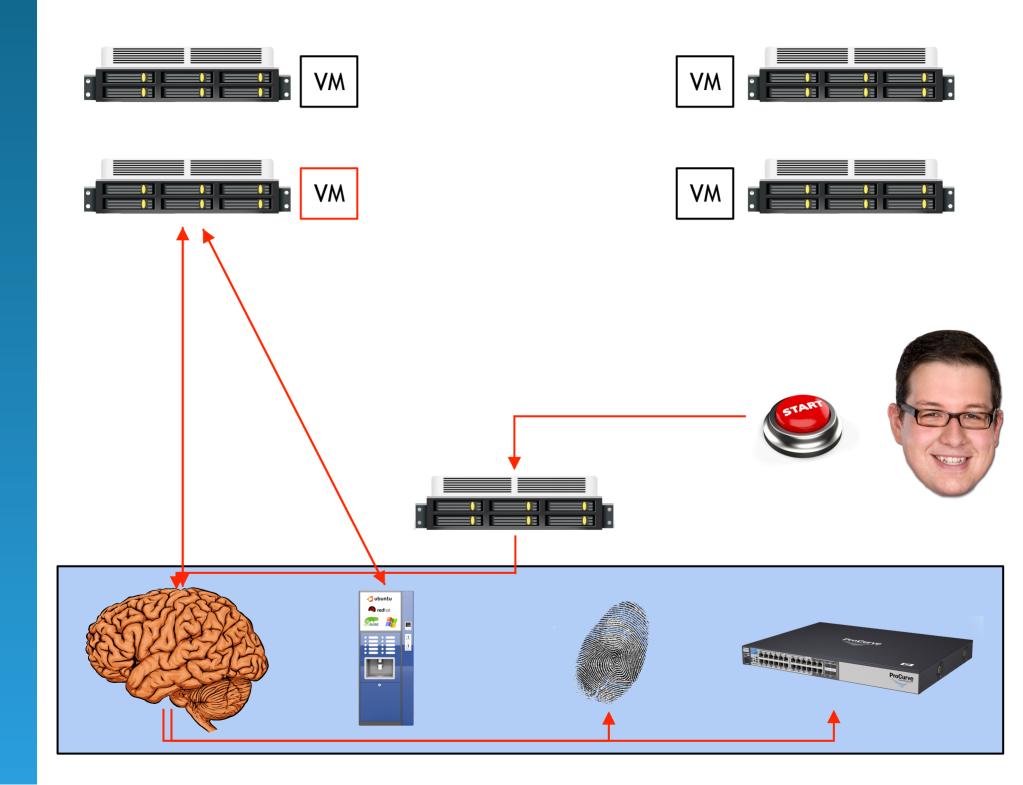
Create Volume	*
Volume Name	
volume2	
Description	Description
Test Volume	Description:
	Volumes are block devices that can be attached to instances.
Size (GB)	
1	Volume Quotas
	Total Gigabytes (1 GB) 999 GB Available
	Number of Volumes (1) 9 Available
	Cancel Create Volume
	State Volume

Cinder



OpenStack ObjectStore ("Swift")

Automatisierung?

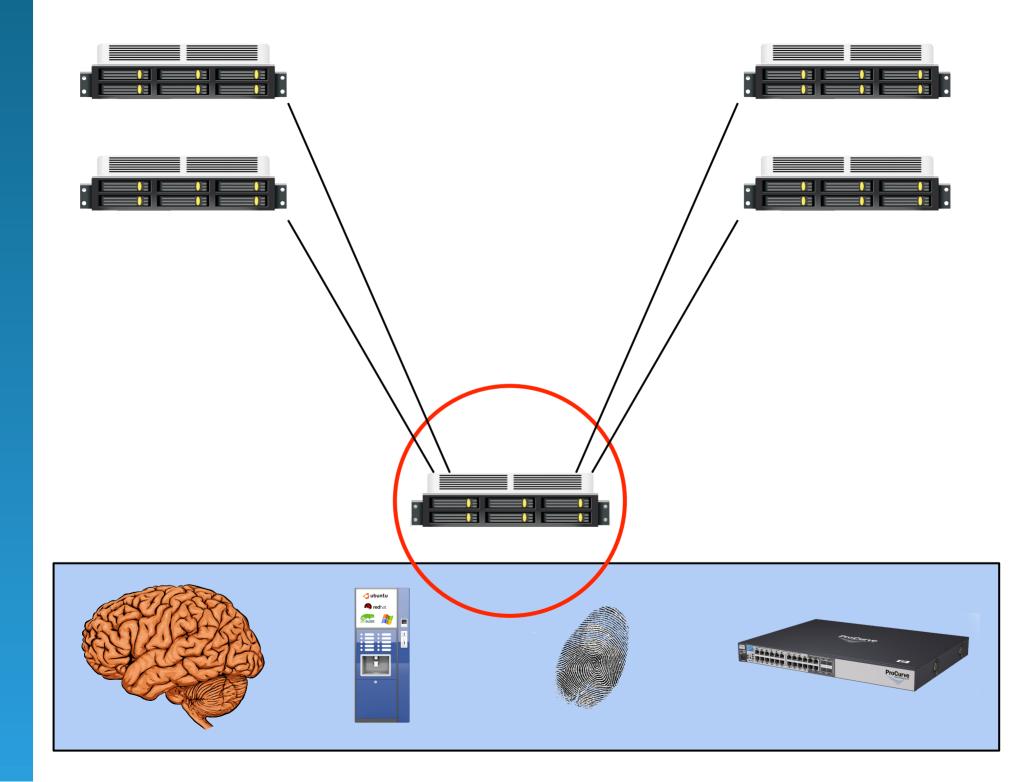


Automatisierung!

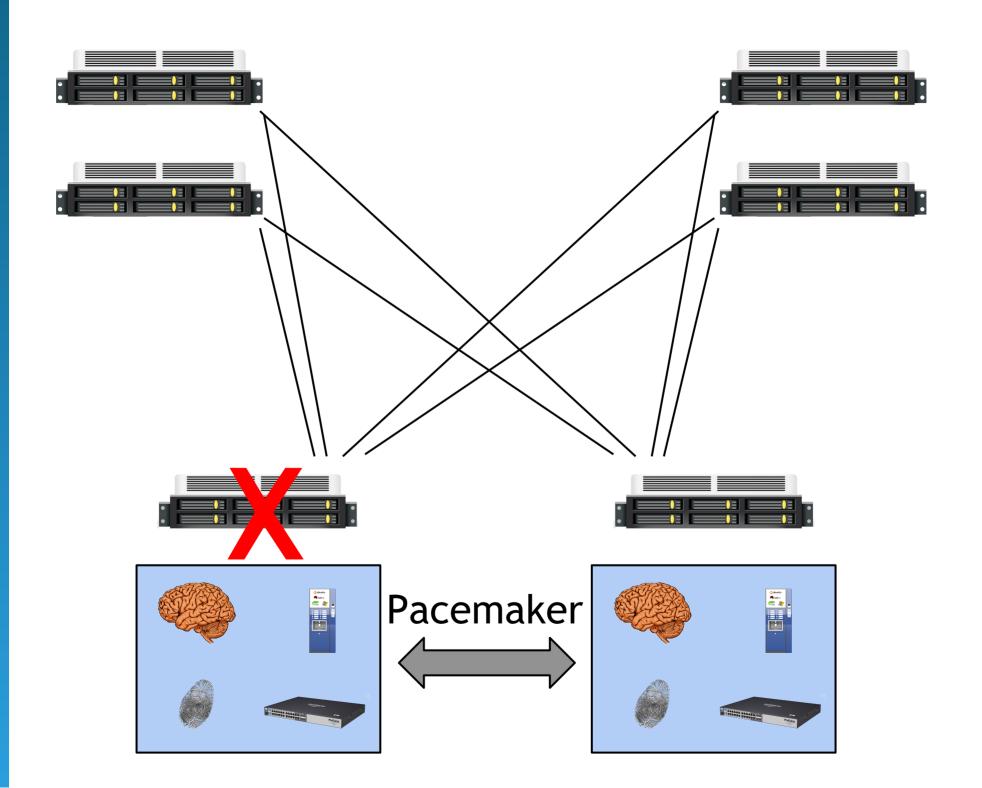
Was noch kommt

Hochverfügbarkeit

Infrastruktur-HA







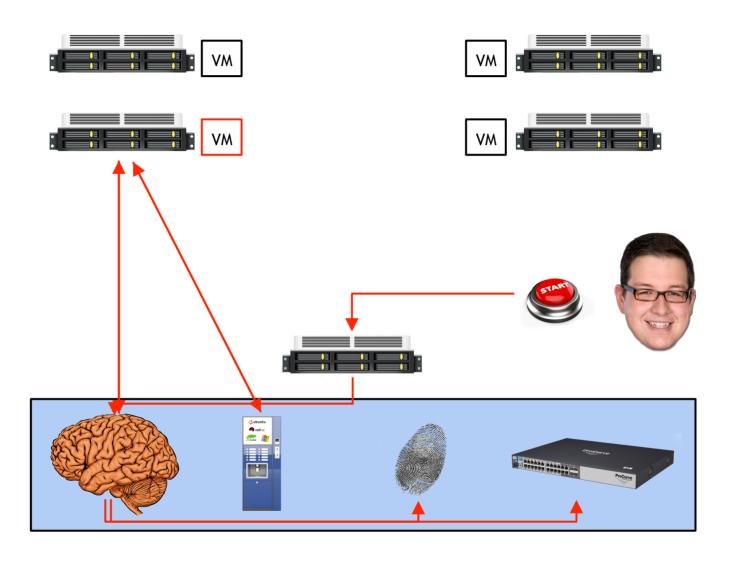
VM-HA

Billing

Monitoring







http://www.hastexo.com/openstack-howto
http://www.hastexo.com/category/tags/openstack
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