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Kimchi





O que é Kimchi ?

Uma aplicação web para gerenciar máquinas virtuais KVM



Porque escolher o Kimchi ?

- ✓ Kimchi foca nos usuários iniciantes
- ✓ Não precisa de investimentos em hardware, treinamentos ou tempo de instalação
- ✓ Ferramenta fácil e simple de usar
- ✓ Remove a customização para fora do caminho crítico
- ✓ Baseado em templates
- ✓ Solicita o mínimo de informação do usuário

```
/usr/bin/qemu-system-x86_64 -machine accel=kvm -name RHEL7 -S -machine pc-i440fx-1.6,accel=kvm,usb=off
-cpu Westmere,+rdtscp,+pdcms,+xtpr,+tm2,+est,+smx,+vmx,+ds_cpl,+monitor,+dtes64,+pclmuldq,+pbe,+tm,+ht,+ss,
+acpi,+ds,+vme -m 1024 -realtime mlock=off -smp 1,sockets=1,cores=1,threads=1 -uuid
174acb0c-5586-4078-a50d-43fb1553593c -no-user-config -nodefaults -chardev socket,id=charmonitor,
path=/var/lib/libvirt/qemu/RHEL7.monitor,server,nowait -mon chardev=charmonitor,id=monitor,mode=control
-rtc base=utc -no-shutdown -device piix3-usb-uhci,id=usb,bus=pci.0,addr=0x1.0x2 -drive
file=/var/lib/libvirt/images/174acb0c-5586-4078-a50d-43fb1553593c-0.img,if=none,id=drive-virtio-disk0,
format=qcow2,cache=none -device virtio-blk-pci,scsi=off,bus=pci.0,addr=0x5,drive=drive-virtio-disk0,
id=virtio-disk0,bootindex=1 -drive file=/home/alinefm/isos/RHEL-7.0-20140507.0-Server-x86_64-dvd1.iso,
if=none,id=drive-ide0-1-0,readonly=on,format=raw -device ide-cd,bus=ide.1,unit=0,drive=drive-ide0-1-0,id=ide0-1-0,
bootindex=2 -netdev tap,fd=24,id=hostnet0,vhost=on,vhostfd=25 -device virtio-net-pci,netdev=hostnet0,id=net0,
mac=52:54:00:28:d4:32,bus=pci.0,addr=0x3 -vnc 127.0.0.1:0 -device cirrus-vga,id=video0,bus=pci.0,addr=0x2
-device intel-hda,id=sound0,bus=pci.0,addr=0x4 -device hda-duplex,id=sound0-codec0,bus=sound0.0,
cad=0 -device virtio-balloon-pci,id=balloon0,bus=pci.0,addr=0x6
```

Porque escolher o Kimchi ?

✓ Configuração simples do ambiente

→ Cliente: não precisa de software adicional

→ Servidor: principais distribuições de Linux são suportadas



✓ Acessível através de diferentes plataformas

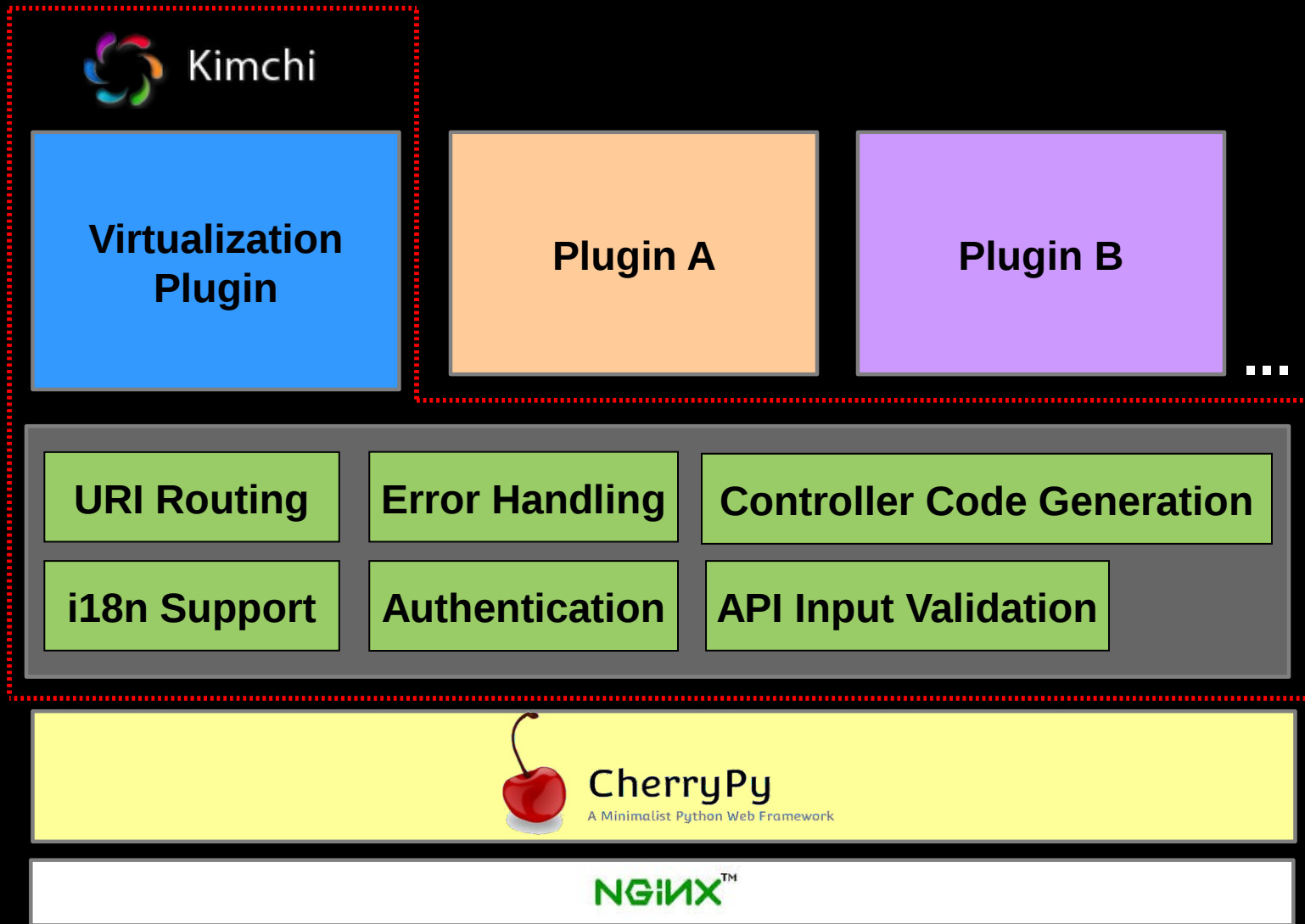




Porque escolher o Kimchi ?

- ✓ Open source
- ✓ Projeto incubado do oVirt
- ✓ Licença Apache e LGPL
- ✓ REST-ful Web Framework
- ✓ Fácil interação entre aplicações
- ✓ Extensível

Arquitetura





Arquitetura




C H E E T A H


The Python-Powered
Template Engine
















Demo

 **Kimchi** alinefm ▾

Host **Guests** Templates Storage Network



Name	CPU	Disk I/O	Network I/O	Livestyle	Actions
Fedora19	0%	0 KB/s	0 KB/s		  Actions ▾
Fedora20	0%	0 KB/s	0 KB/s		  Actions ▾
openSUSE-13-1	0%	0 KB/s	0 KB/s		  Actions ▾
RHEL6.5	0%	0 KB/s	0 KB/s	VM	  Actions ▾
Ubuntu13-10					 



Contribua!

✓ Kimchi está hospedado no Github

→ <https://github.com/kimchi-project/kimchi>

✓ Mailing lists

→ **kimchi-devel**: <http://lists.ovirt.org/mailman/listinfo/kimchi-devel>

→ **kimchi-users**: <http://lists.ovirt.org/mailman/listinfo/kimchi-users>

✓ YouTube

→ <http://www.youtube.com/channel/UC2qZVw3fsyPxI001i0Xp1xA>

✓ #kimchi channel on OFTC



Perguntas ?

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