

Von Scripting bis GitOps

Maturitäts-Stufen der Cloud-Automatisierung

bespinian

Cloud Native Citizens





(kurzgesagt.org)



Brauche eine Test-Umgebung


Danke!

01001100
01000101
01000111
01001111



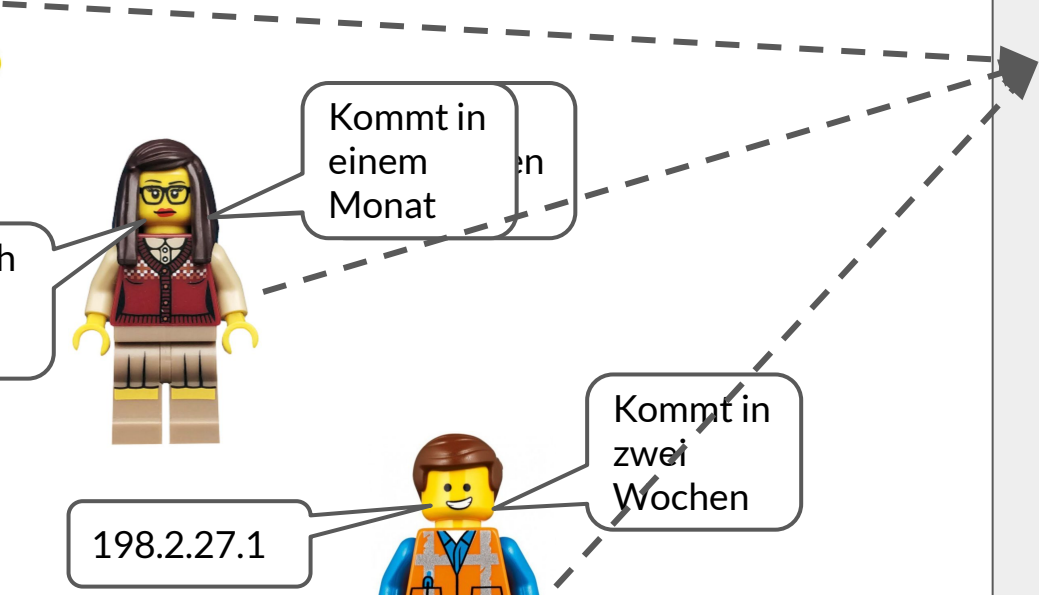
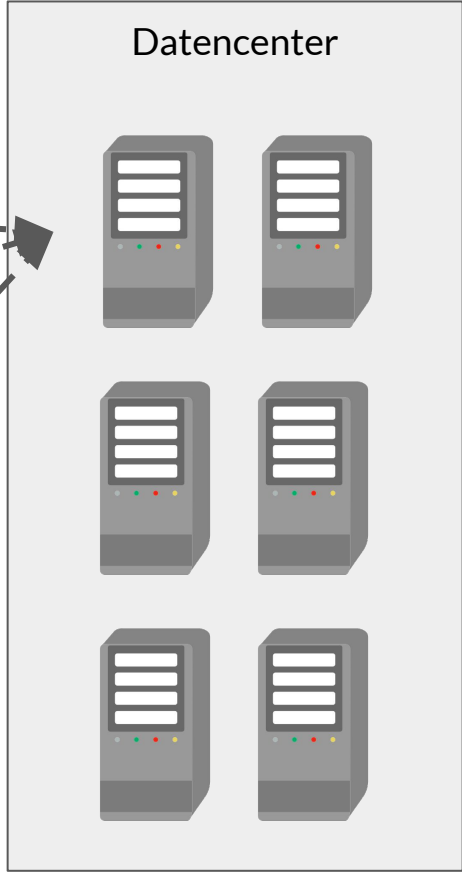
Kommt in einem Monat

test-27.tst.firma.ch
user: test-admin
password: *****



Kommt in zwei Wochen

198.2.27.1






(kurzgesagt.org)



Danke!


Brauche eine Test-Umgebung



test-27.tst.firma.ch
user: test-admin
password: *****

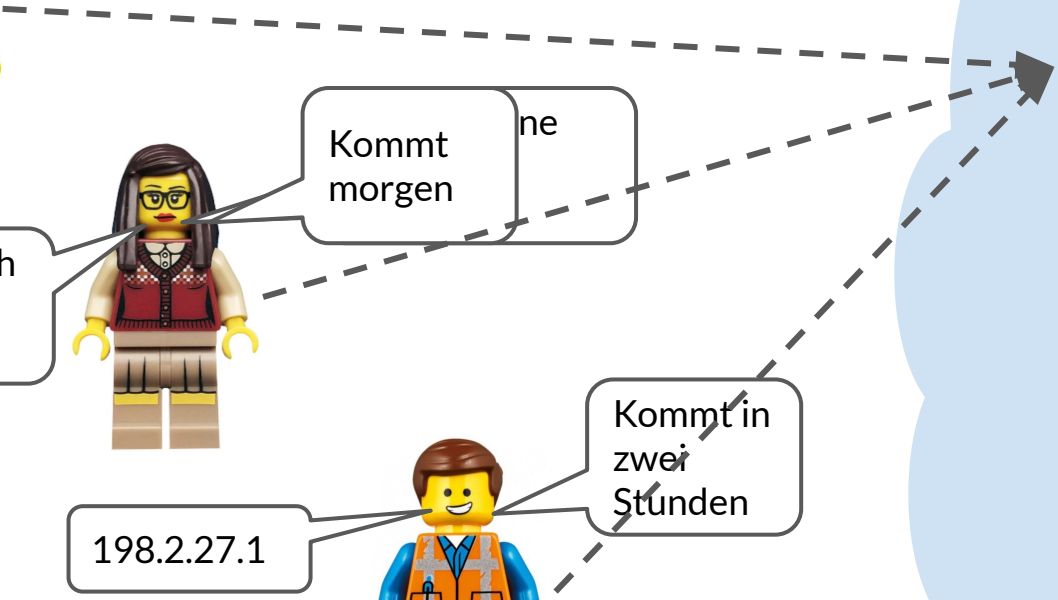
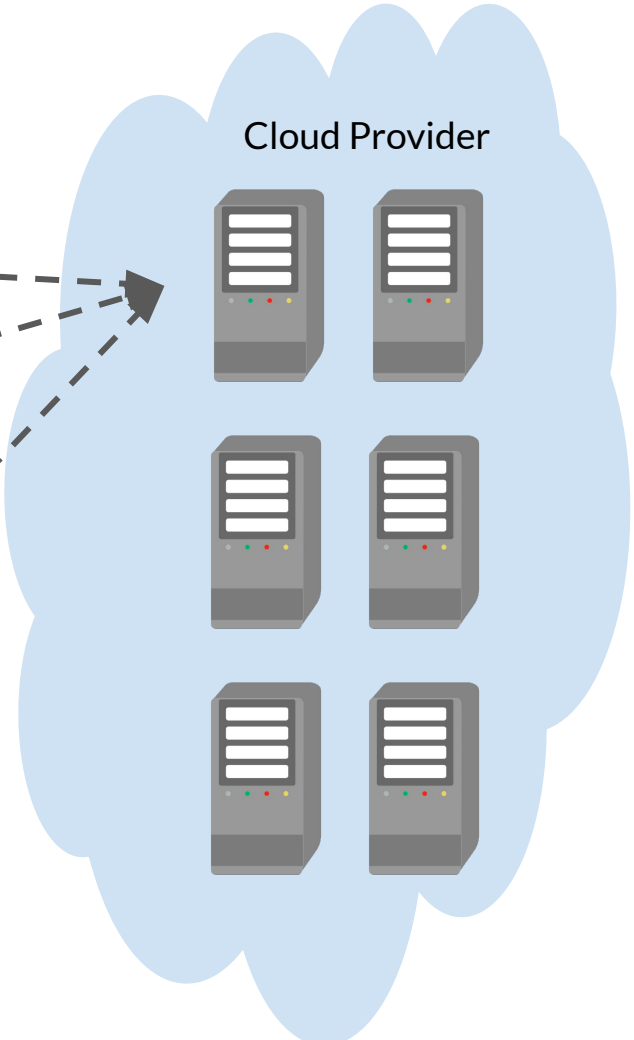
Kommt morgen

ne



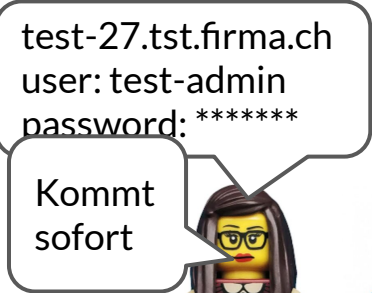
198.2.27.1

Kommt in zwei Stunden

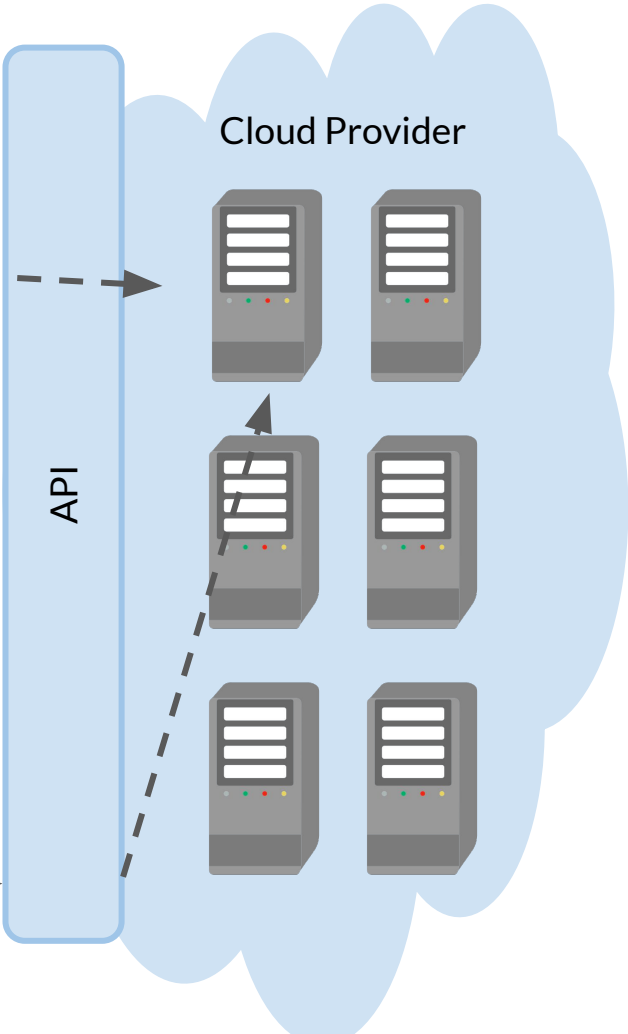




(kurzgesagt.org)



```
vm = createVm('t27')  
ip = joinNetwork(vm, 'tstNet')  
host = dnsReg(ip, 'test-27')  
  
usr = createUser(vm, 'test-admin')  
pwd = createPassword(usr)
```





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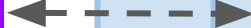
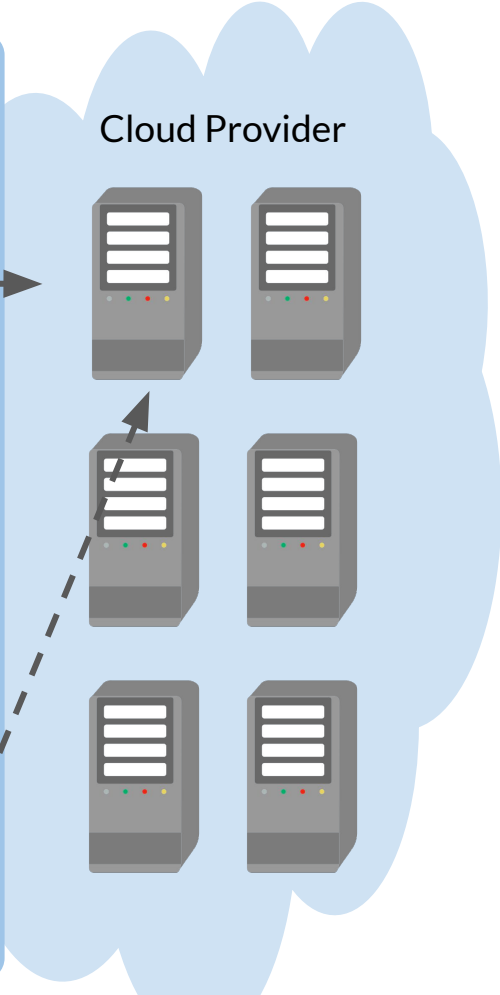
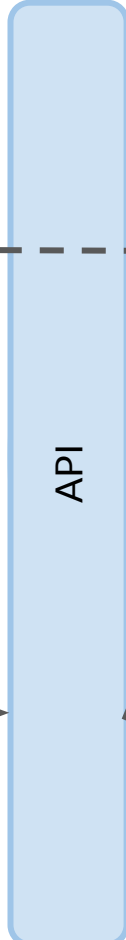
```
deployment:  
  name: app-test  
  image: testapp:3.1.4  
  replicas: 3
```

Brauchen
eine Test-
Umgebung

```
test-27.tst.firma.ch
```

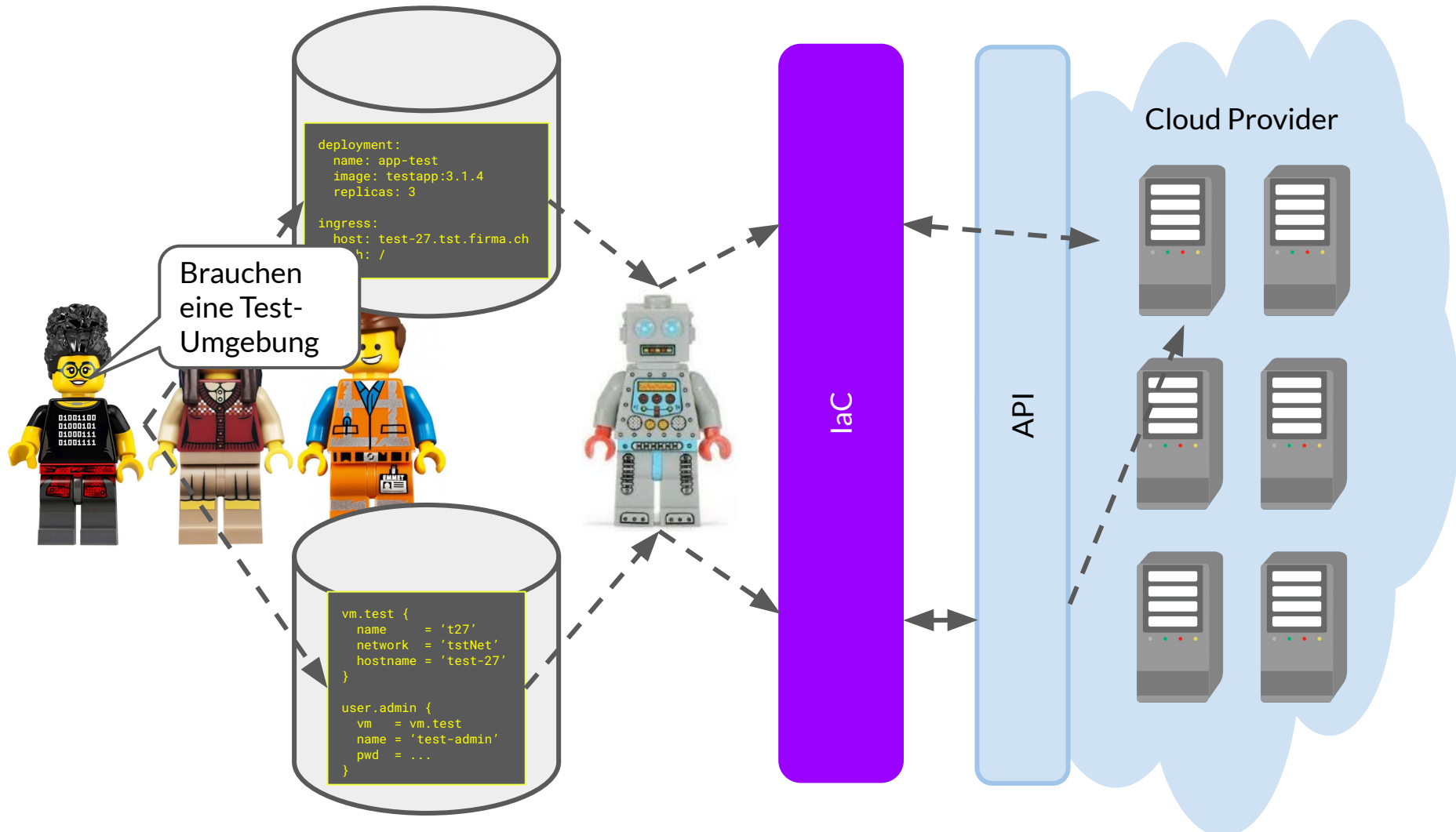
```
vm.test {  
  name     = 't27'  
  network  = 'tstNet'  
  hostname = 'test-27'  
}
```

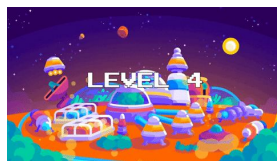
```
user.admin {  
  vm = vm.test  
  name = 'test-admin'  
  pwd = ...  
}
```





(kurzgesagt.org)





Vor der Cloud ...

**Cloud ohne
Automatisierung**

APIs & Scripting

**Infrastructure as
Code**

GitOps

langsam,
unflexibel

schneller,
flexibler

reproduzierbar,
dokumentiert

deklarativ,
selbsteilend

auditierbar,
rigoros

Server- und Netzwerk-Infrastruktur



Applikationen



Danke!

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