

ThoughtWorks®

SDCC2016

**DOCKER AS PROCESS, PAAS AS MACHINE,
MICROSERVICE AS PROGRAMMING MODEL**

HAO XU

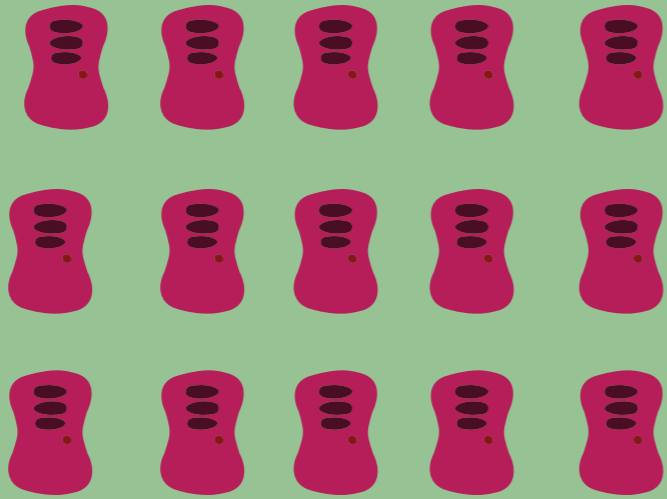
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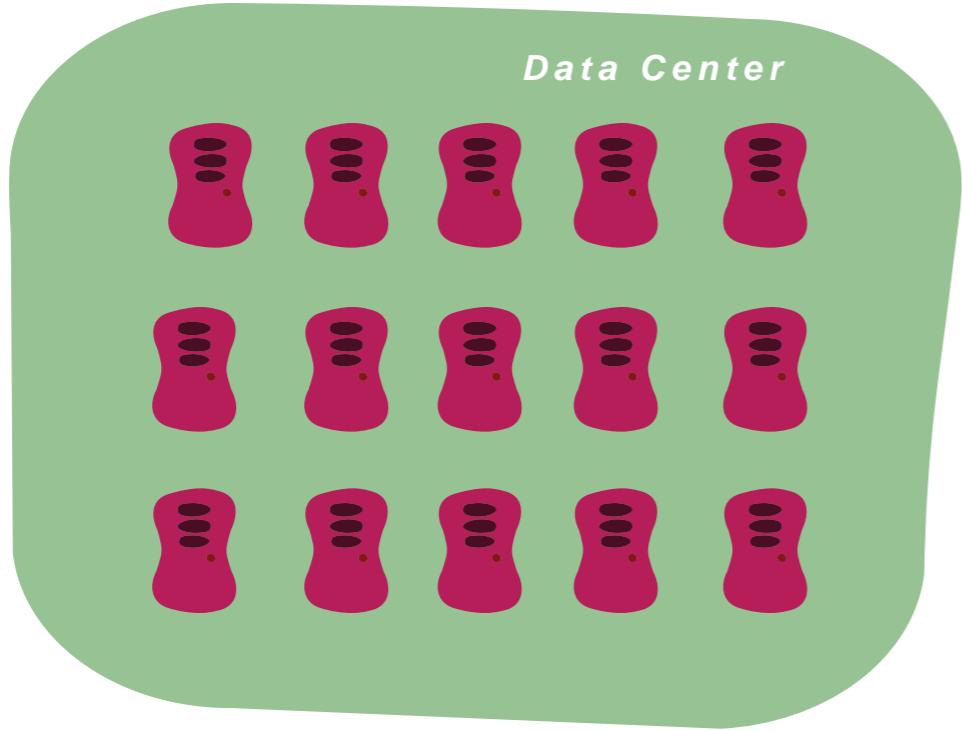
**WHAT HAPPENED
IN THE PAST 5
YEARS**



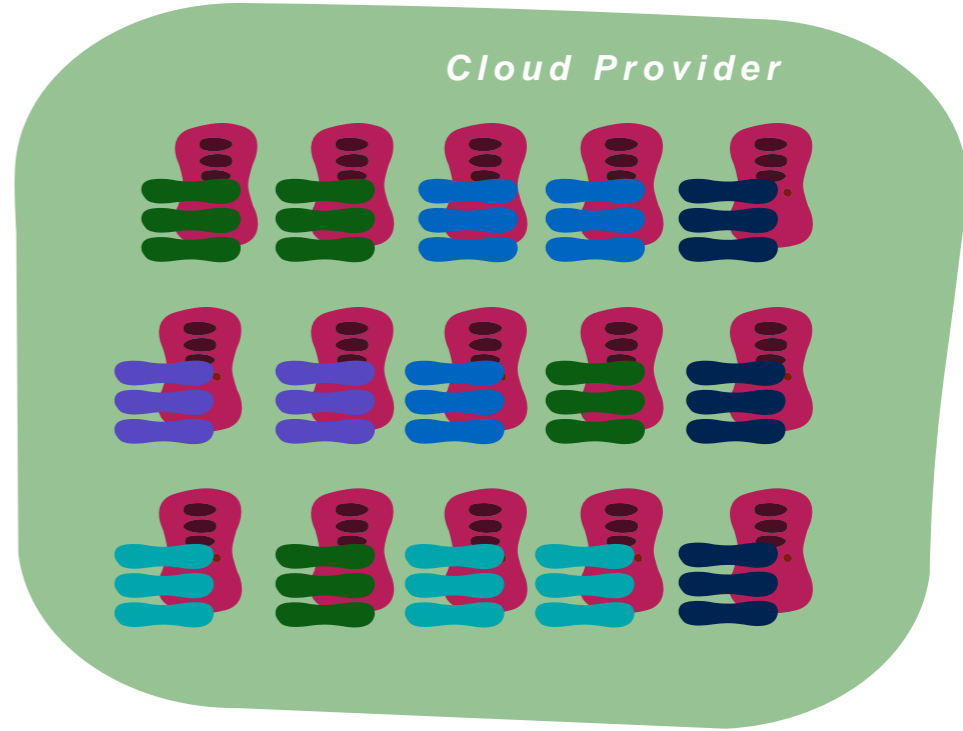
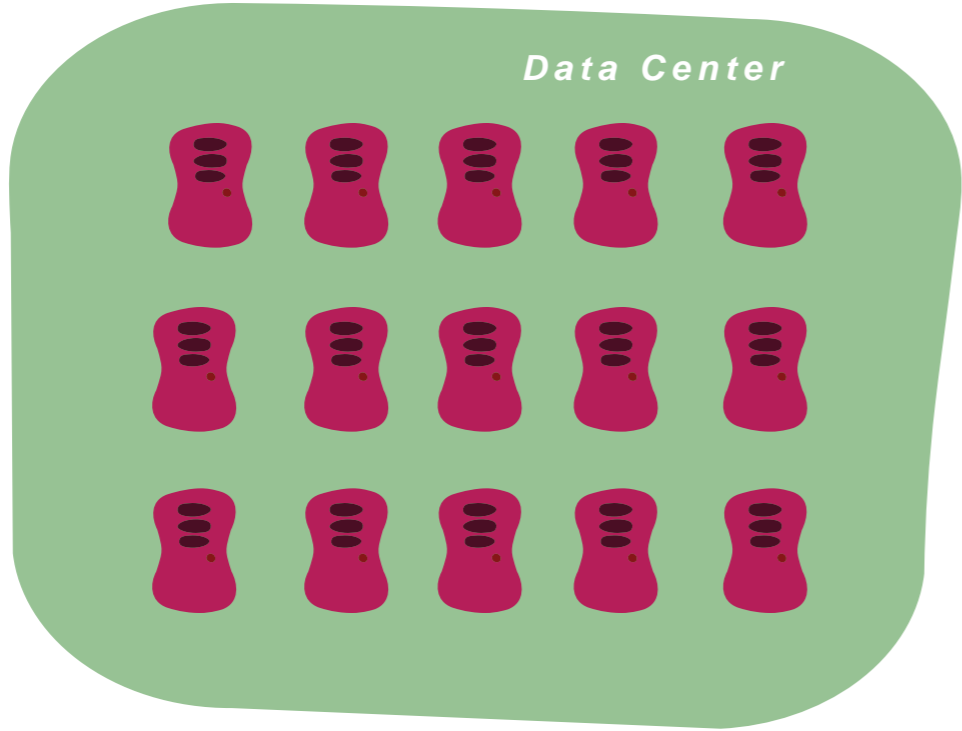
CLOUD BECOMING THE DE FACTO PLATFORM

Data Center





Images



Images

“ Techniques such as deploy automation and DevOps helped us moving all the infrastructure to cloud

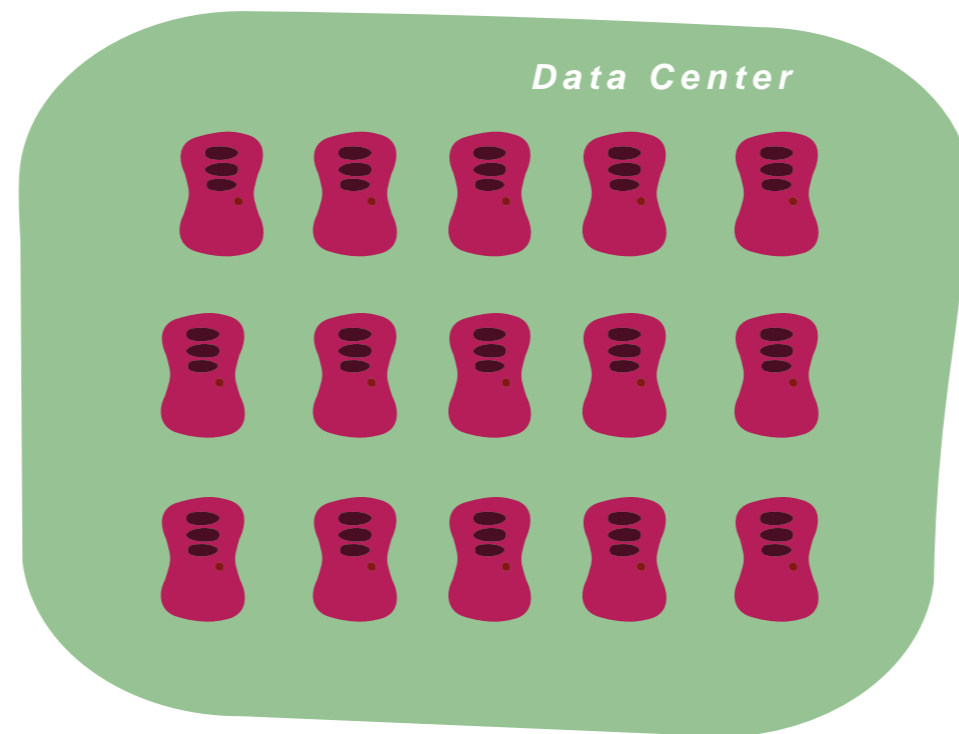




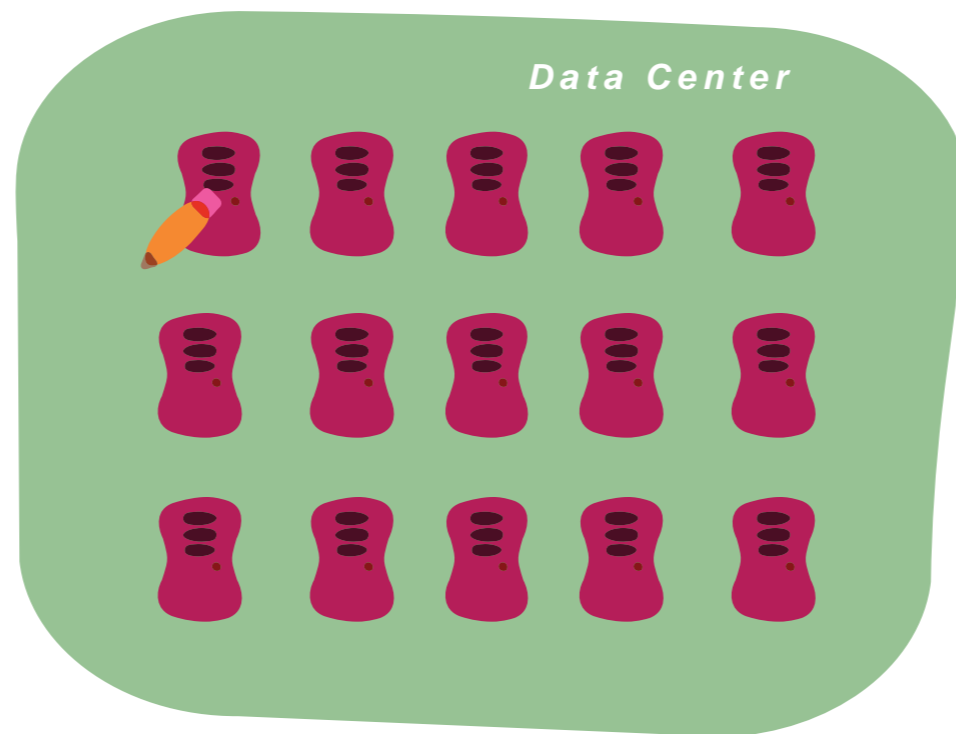
But in order to maximise the power of cloud, the app need to be cloud ready



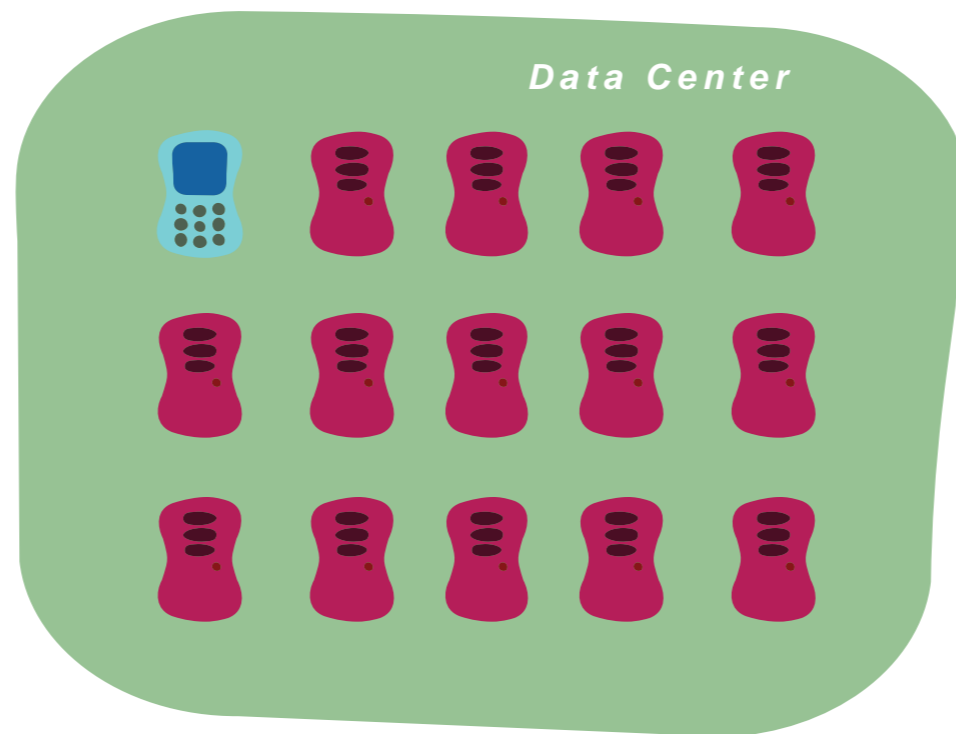
DISPOSABILITY



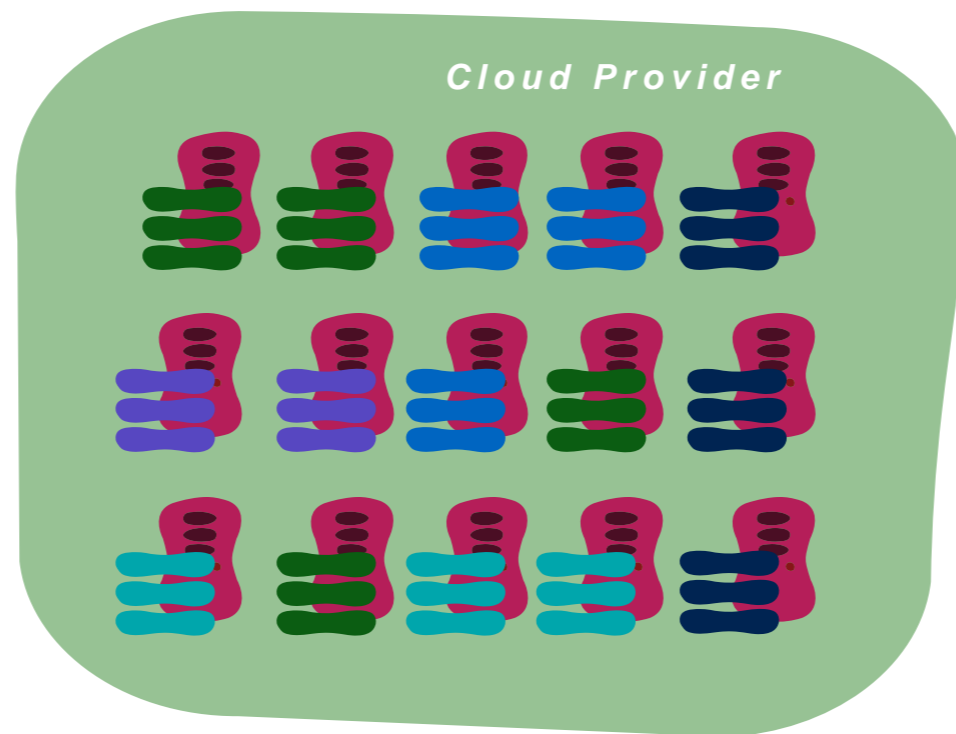
DISPOSABILITY



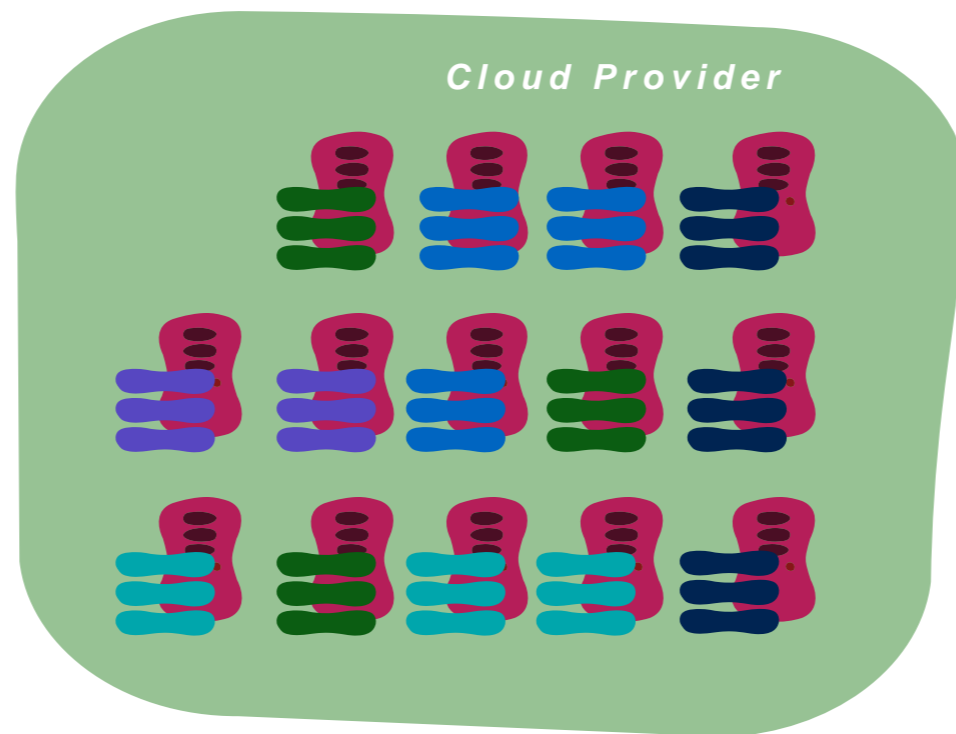
DISPOSABILITY



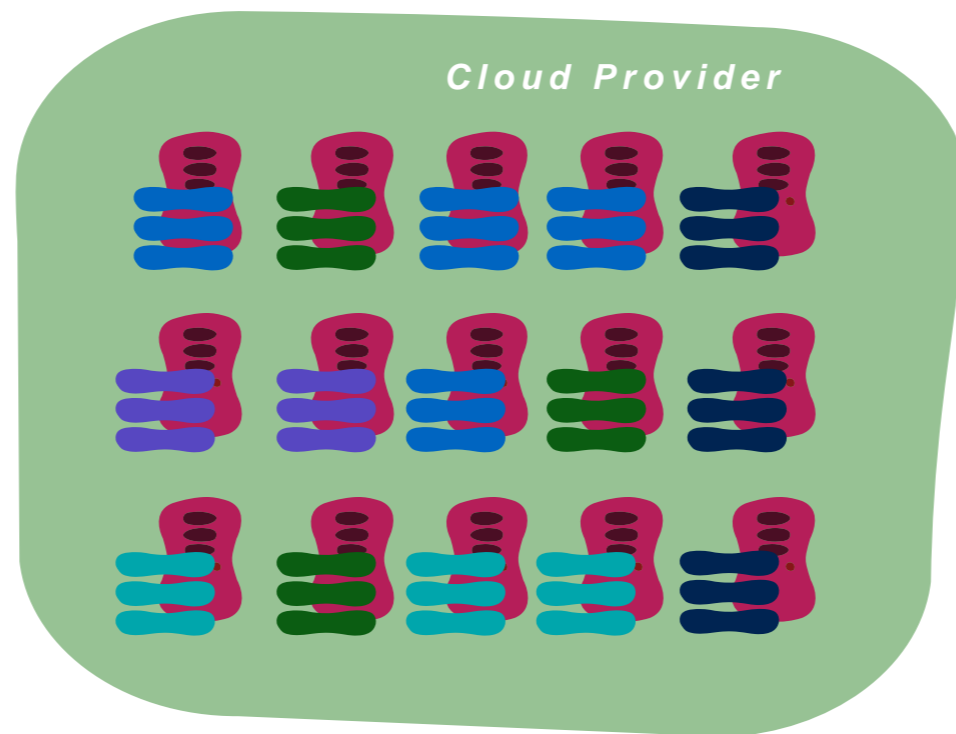
DISPOSABILITY



DISPOSABILITY



DISPOSABILITY



“ Phoenix server/environment, blue/
green deployment, feature toggle,
one off process... etc





**YOU NEED TO BE THAT
TALL TO GET THE FULL
POTENTIAL**

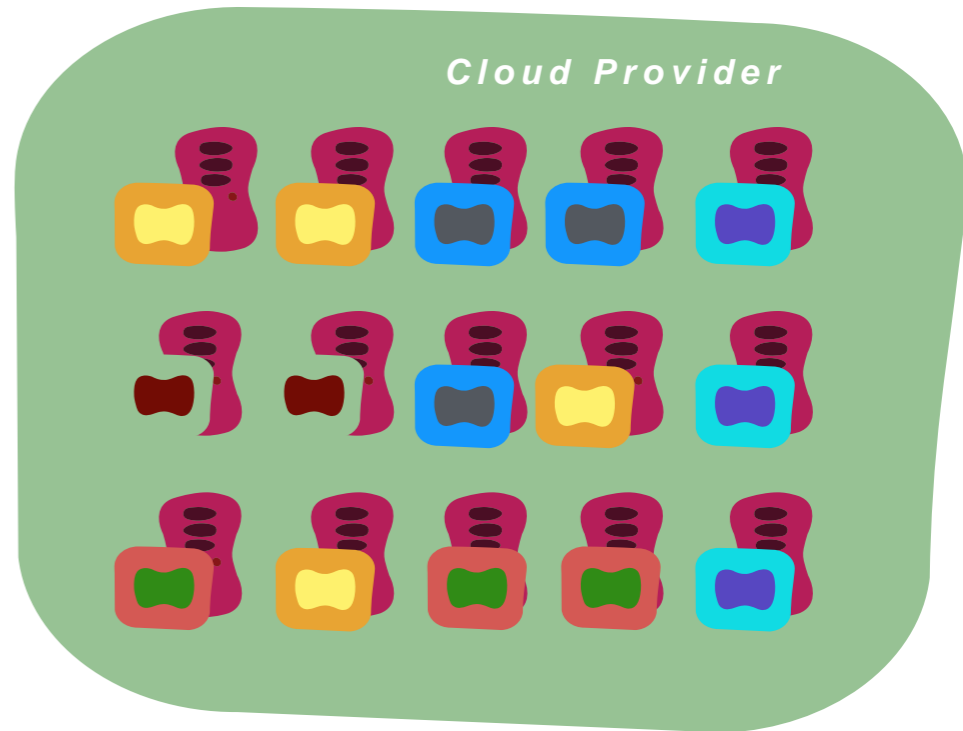
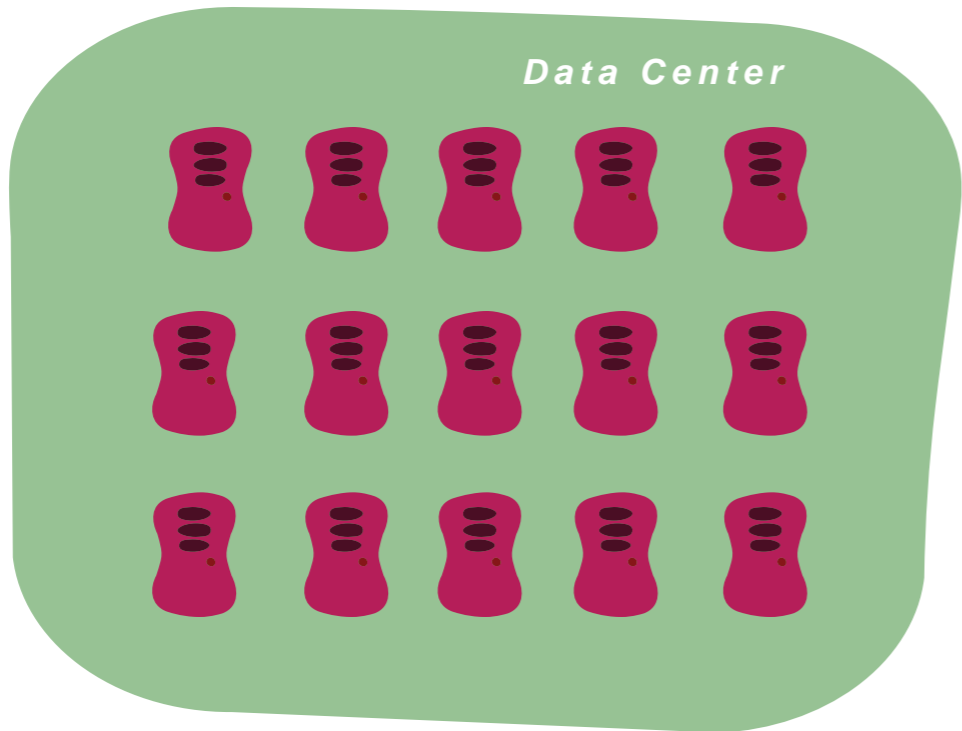


**SWALLOWS RETURN, NO
STRANGERS THEY**



Stop thinking in machine, process
instead!





Images



Process and its runtime



Docker as the new process model.
And cloud/PaaS become the new machine.



谢谢

Thanks

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