

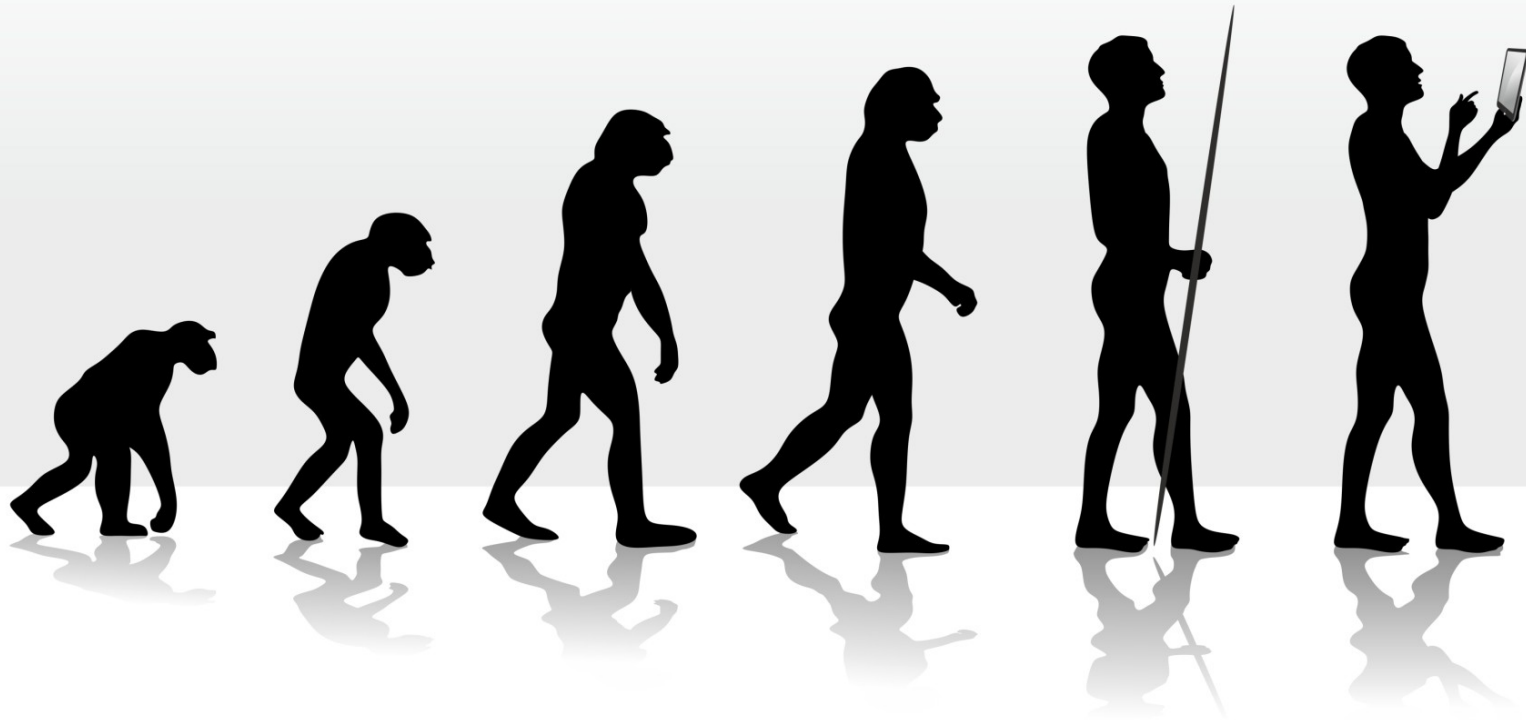


SUCCESSFULLY BUILDING PRIVATE CLOUD

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Solutions Architect
Red Hat (Thailand)
September 22, 2016

successfully building a private cloud

successfully ~~building a private~~ **cloud**



THE ROAD TO SOFTWARE-DEFINED STORAGE

Development Model



Waterfall

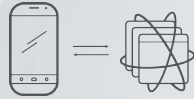


Agile



DevOps

Application Architecture



Monolithic



N-tier



Microservices

Deployment & Packaging



Bare Metal



Virtual Services



Containers

Application Infrastructure



Data Center

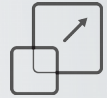


Hosted



Hybrid Cloud

Storage



Scale Up



Scale Out



Software-Defined Storage

On Premise

Virtualization

Cloud Computing

Cloud computing is a **model** for enabling ubiquitous, convenient, on-demand network access to a shared pool of configurable **computing resources** (e.g., networks, servers, storage, applications, and services) that can be rapidly provisioned and released with minimal management effort or service provider interaction

5

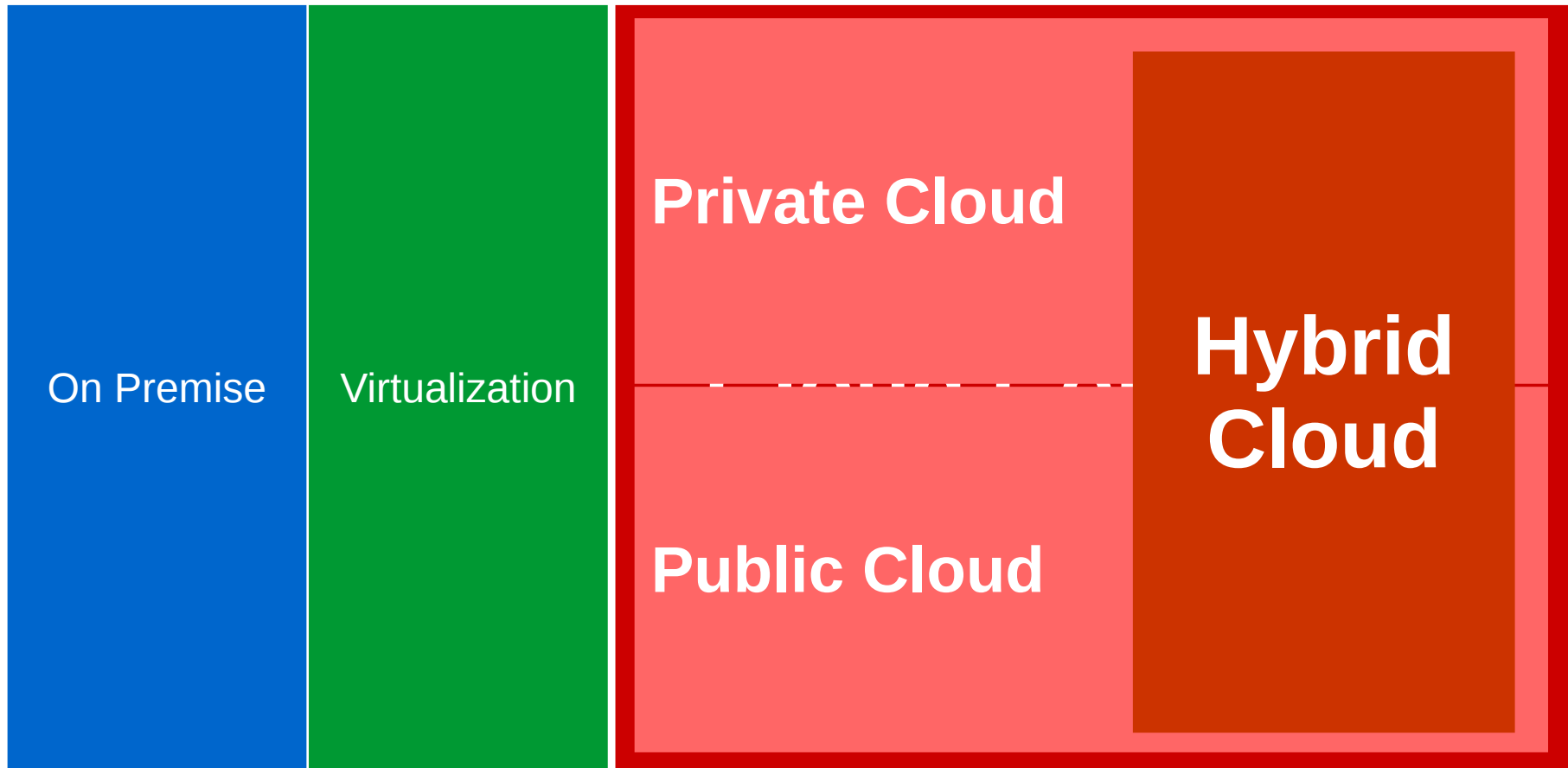
Essential
Characteristics

4

Deployment
Models

3

Service
Model





Red Hat Global Customer Tech Outlook 2016

53%

Private Cloud

46%

**Data Center
Modernization**

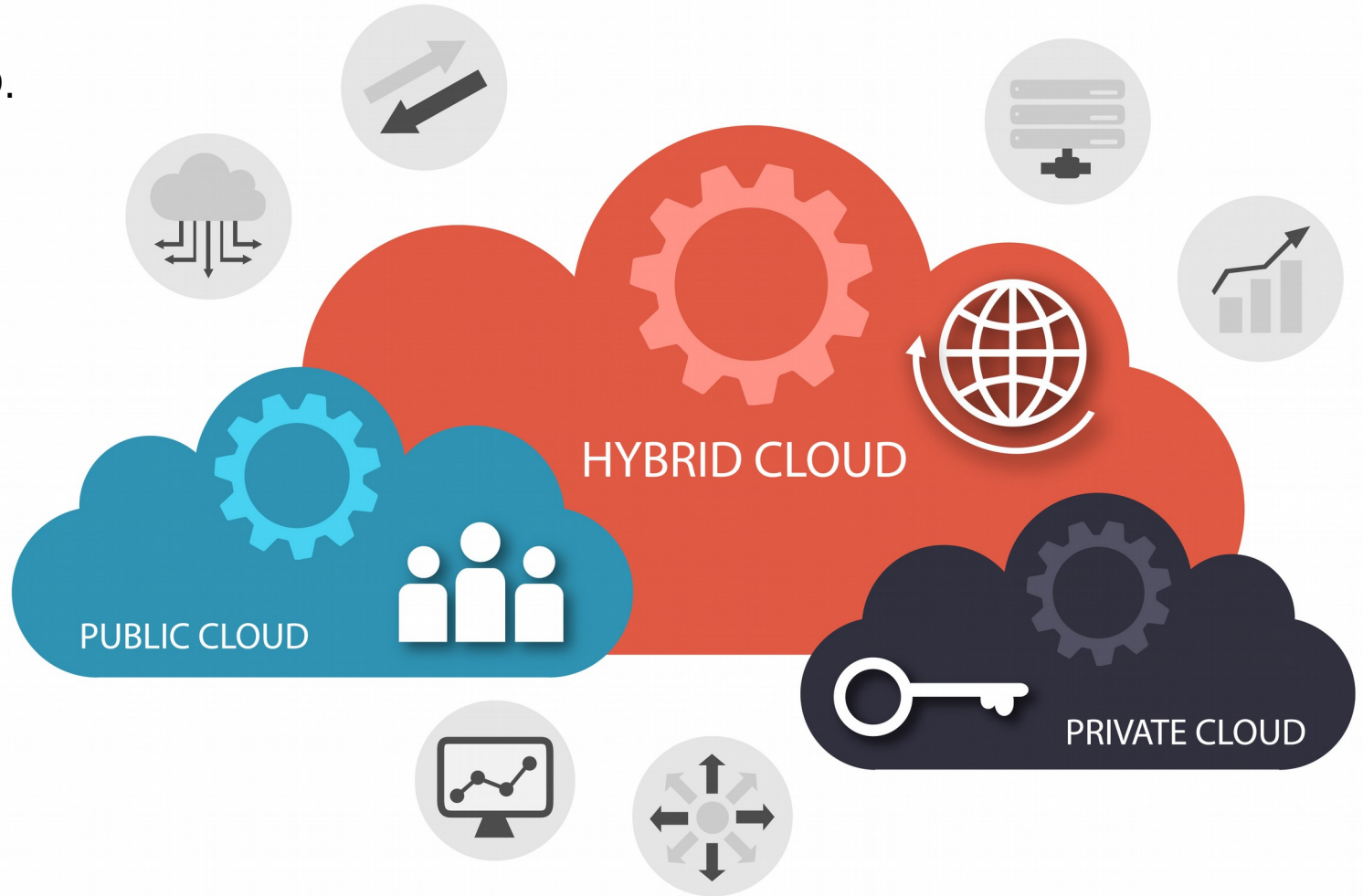
46%

Security



IT'S A HYBRID IT WORLD.

61%

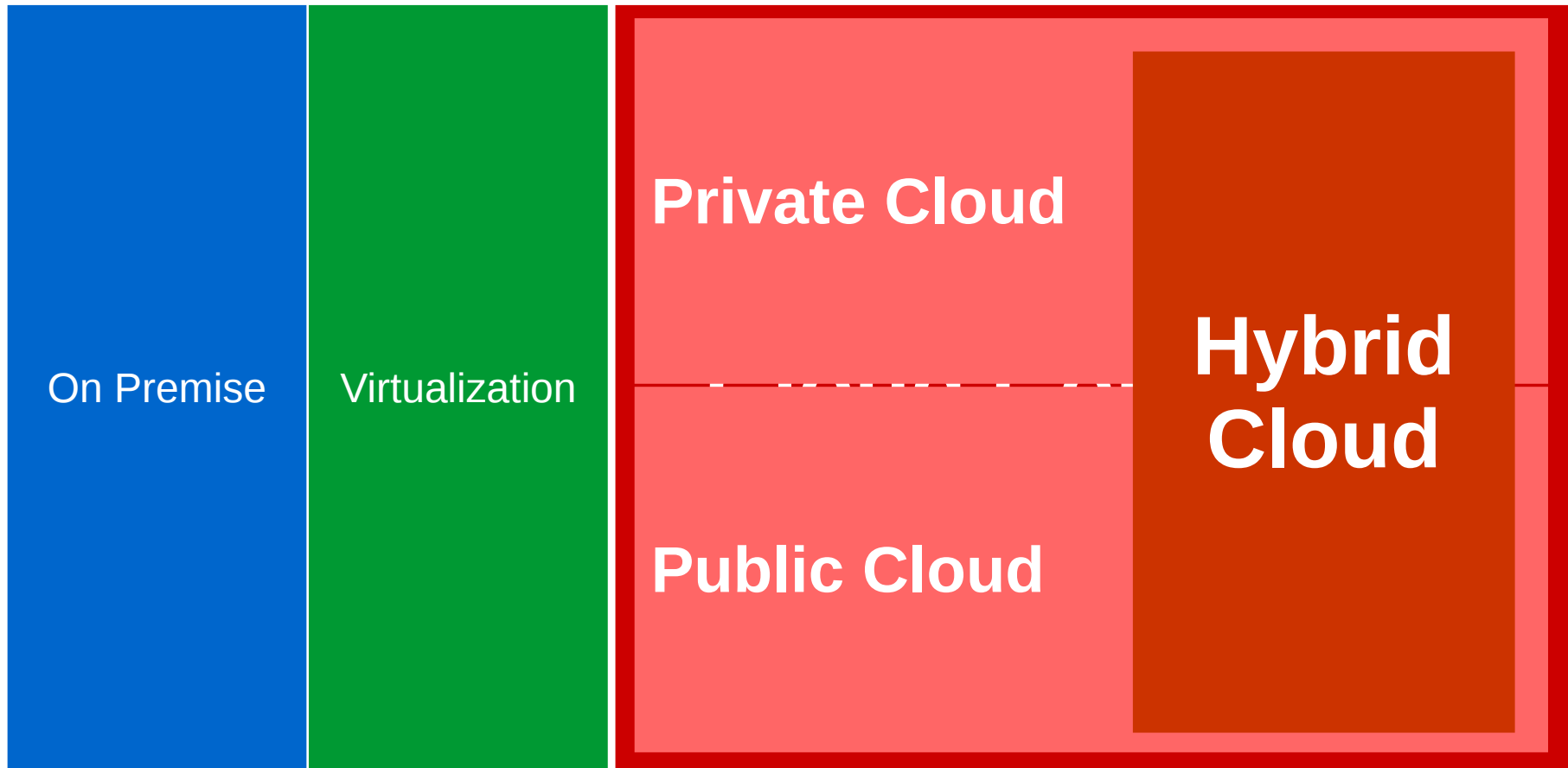


CLOUD
AUTOMATION
SOLUTIONS

TM



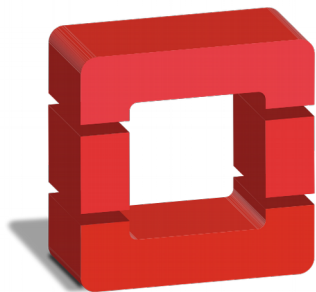
**Private cloud deployment will
outpace Public cloud by 6x.**





Private Cloud





openstack®

CLOUD SOFTWARE

RED HAT®
ENTERPRISE LINUX®
OPENSTACK® PLATFORM

Several reasons OpenStack fails



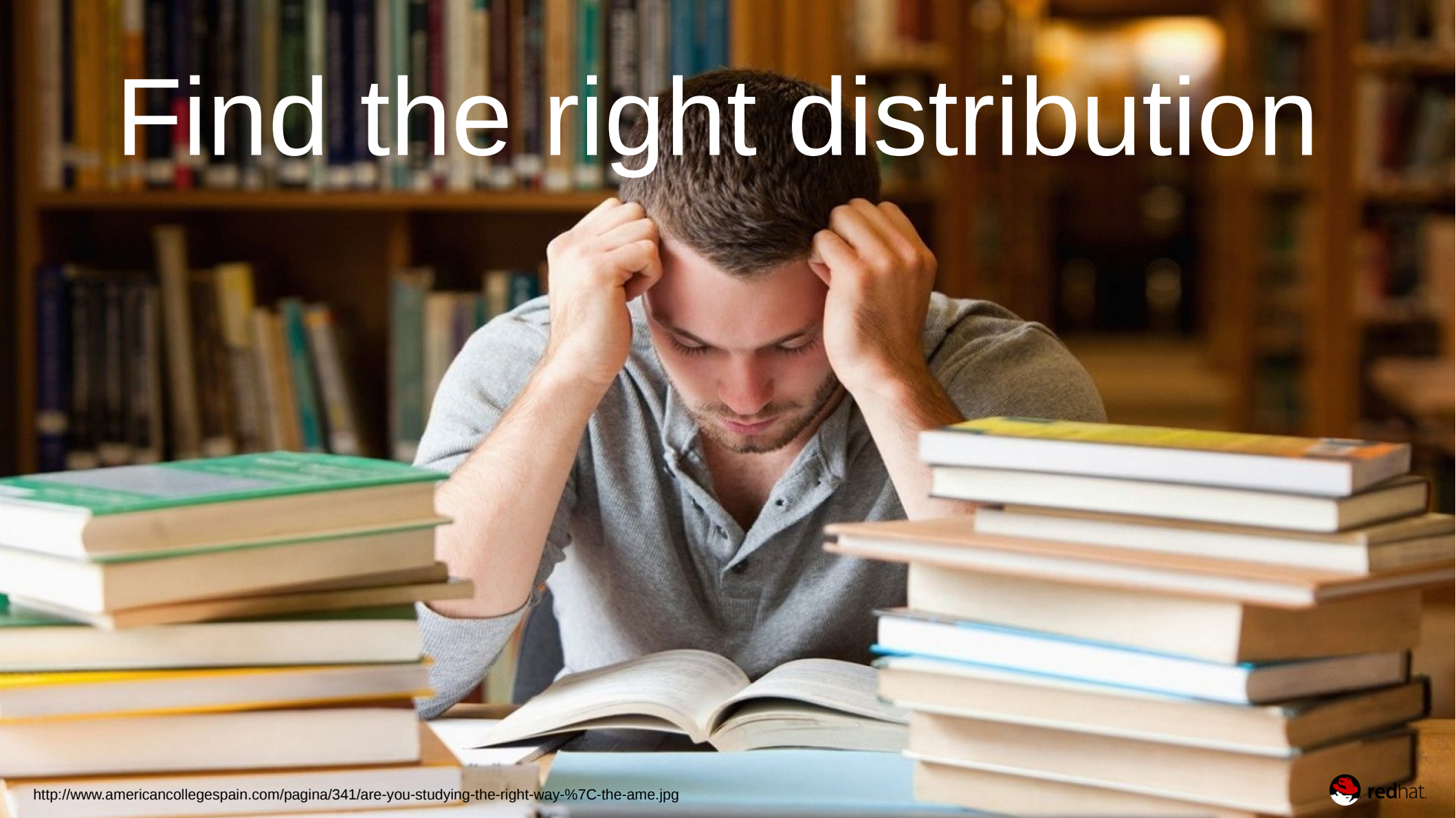
Leave the dogma at home





F - fear
D - doubt
U - uncertainty
D - doom

Find the right distribution





You are not full-stack engineer

You thought OpenStack was a better buggy for your horse



You didn't have a sufficient team







THANK YOU



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