



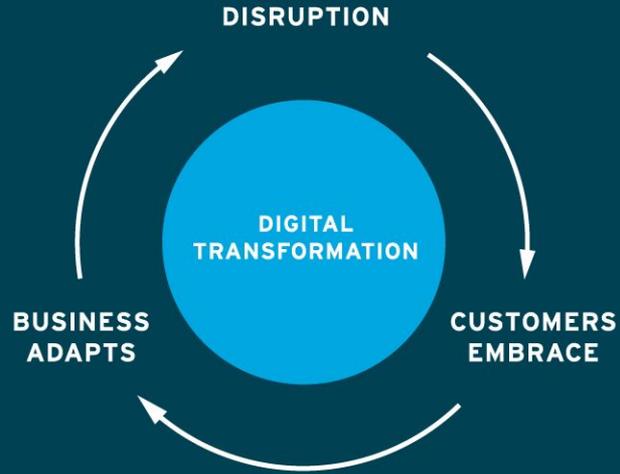
RED HAT
FORUM
Europe, Middle East & Africa



Red Hat's Vision for Transforming IT with Digital Technologies

Jiří Kolář
Red Hat Solution Architect
CZ/SK/CEE

DIGITAL TRANSFORMATION





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CIO'S NEVER-ENDING QUEST:



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CIO'S NEVER-ENDING QUEST: INNOVATE THE IT STACK

IT STACK IN THE OLD DAYS



Programs

Operating System

Storage

HARDWARE

MODERN IT GOES A BIT WILD



Google datacenters, Council Bluffs, Iowa

image from: http://www.slate.com/blogs/behold/2012/12/05/the_first_ever_glimpse_inside_google_s_data_centers_google_data_centers.html.



RED HAT
has
modern, complete
purely opensource
enterprise quality
TECHNOLOGY STACK

THE MODERN STACK

PHYSICAL

VIRTUAL

PRIVATE CLOUD

PUBLIC CLOUD

THE MODERN STACK

Operating System

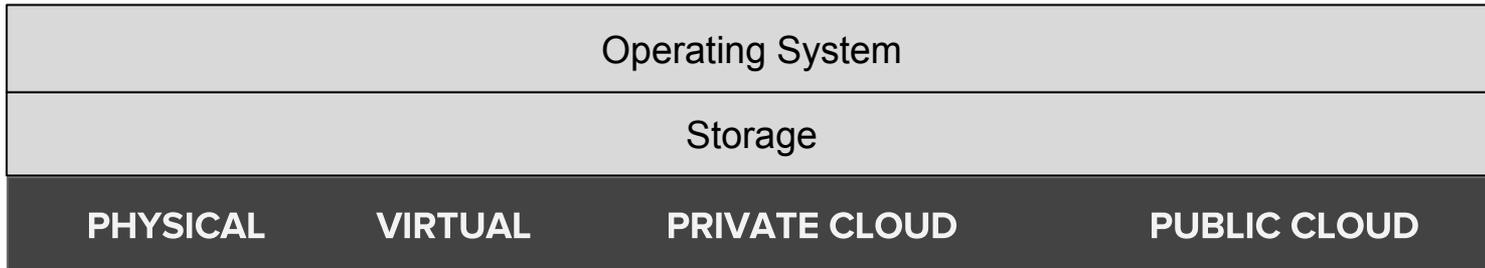
PHYSICAL

VIRTUAL

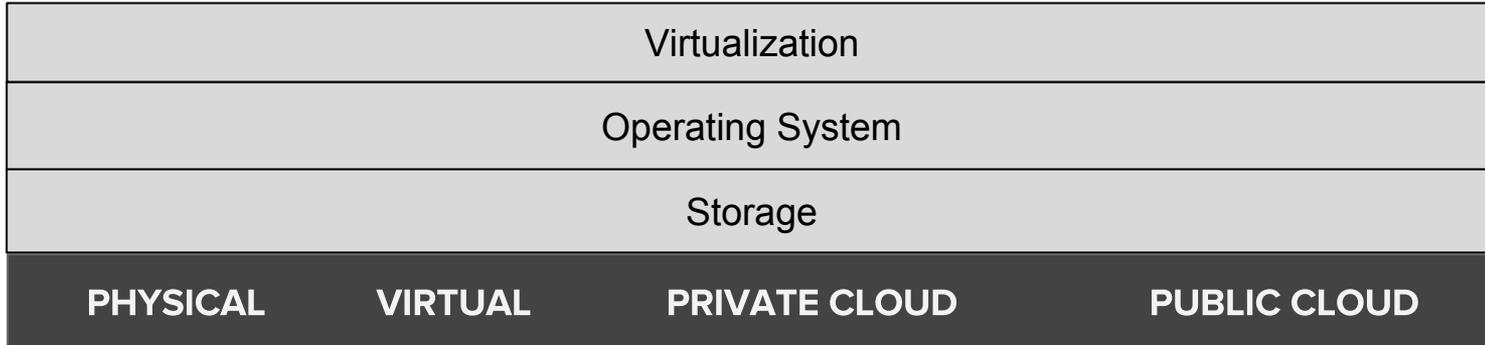
PRIVATE CLOUD

PUBLIC CLOUD

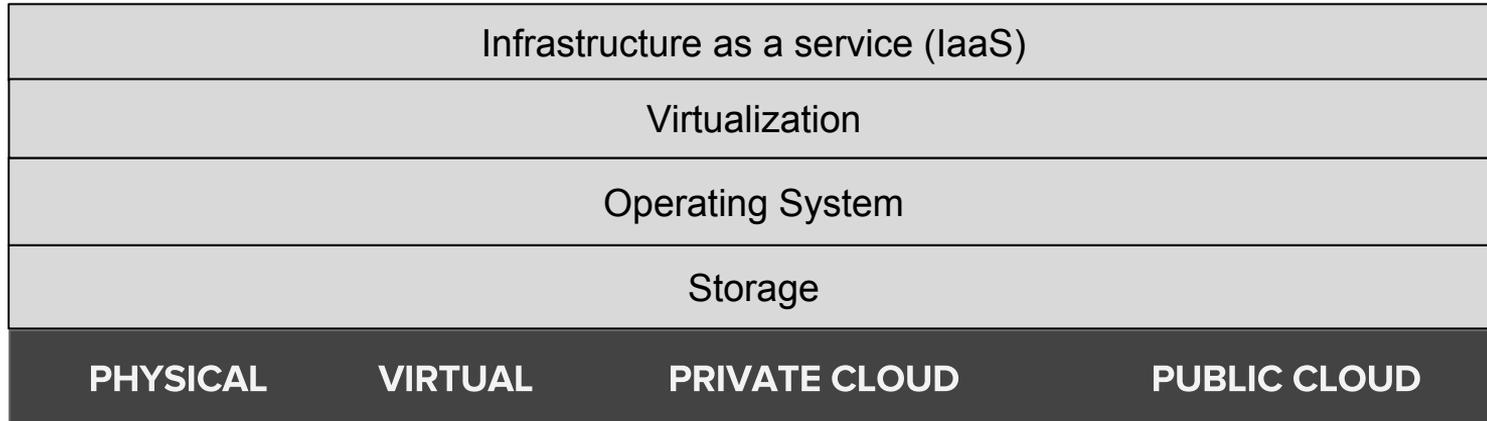
THE MODERN STACK



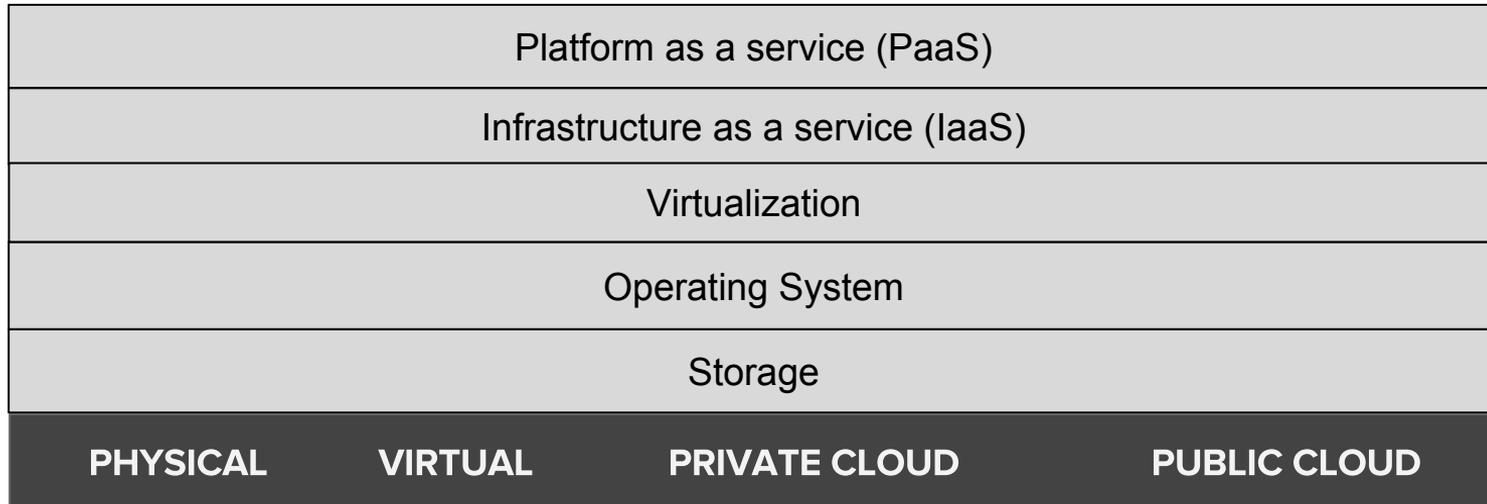
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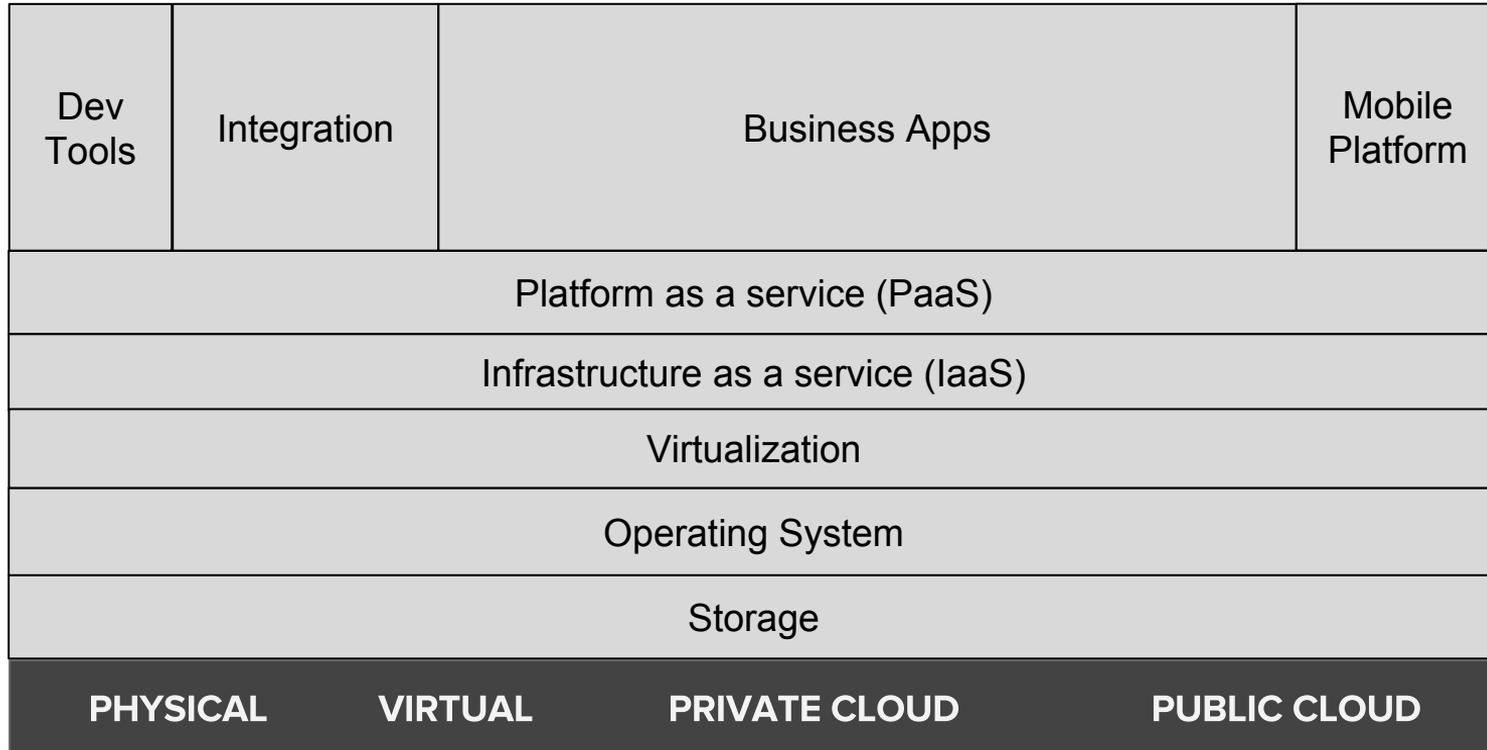
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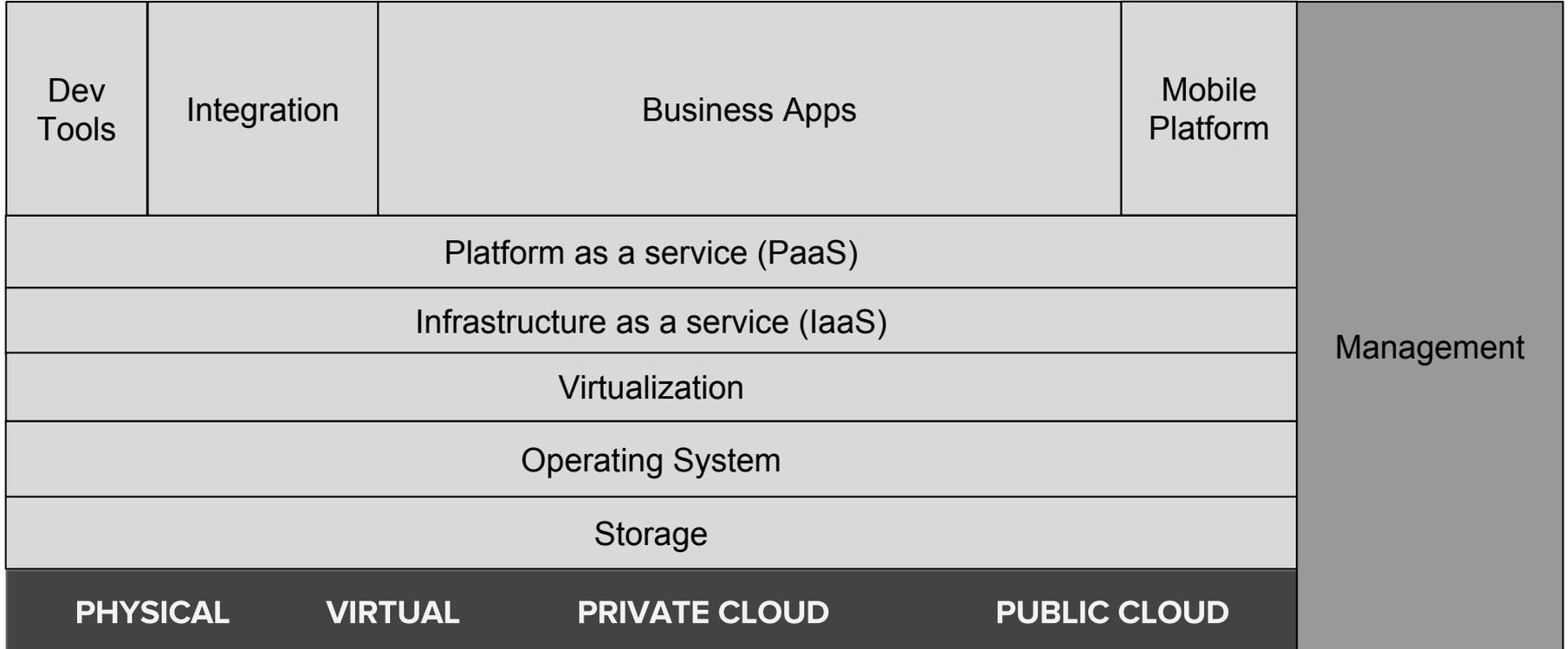
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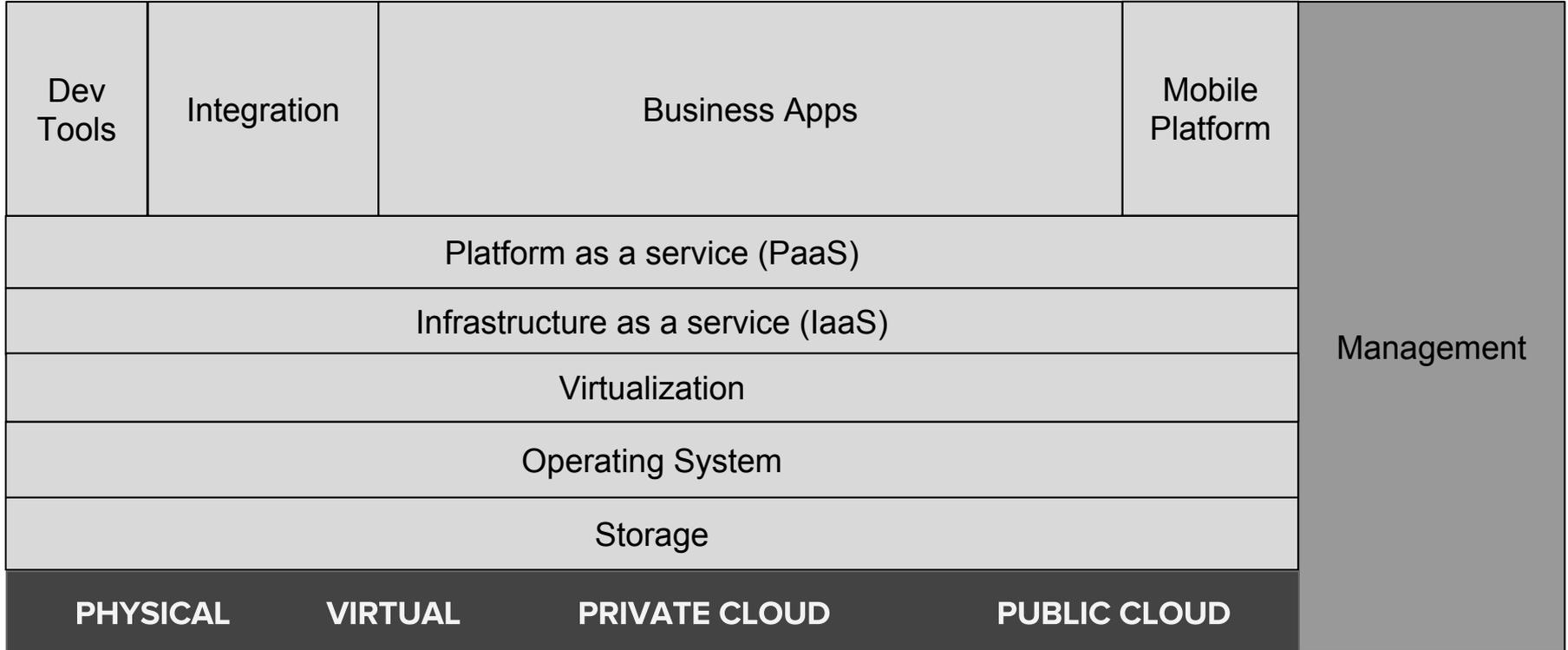
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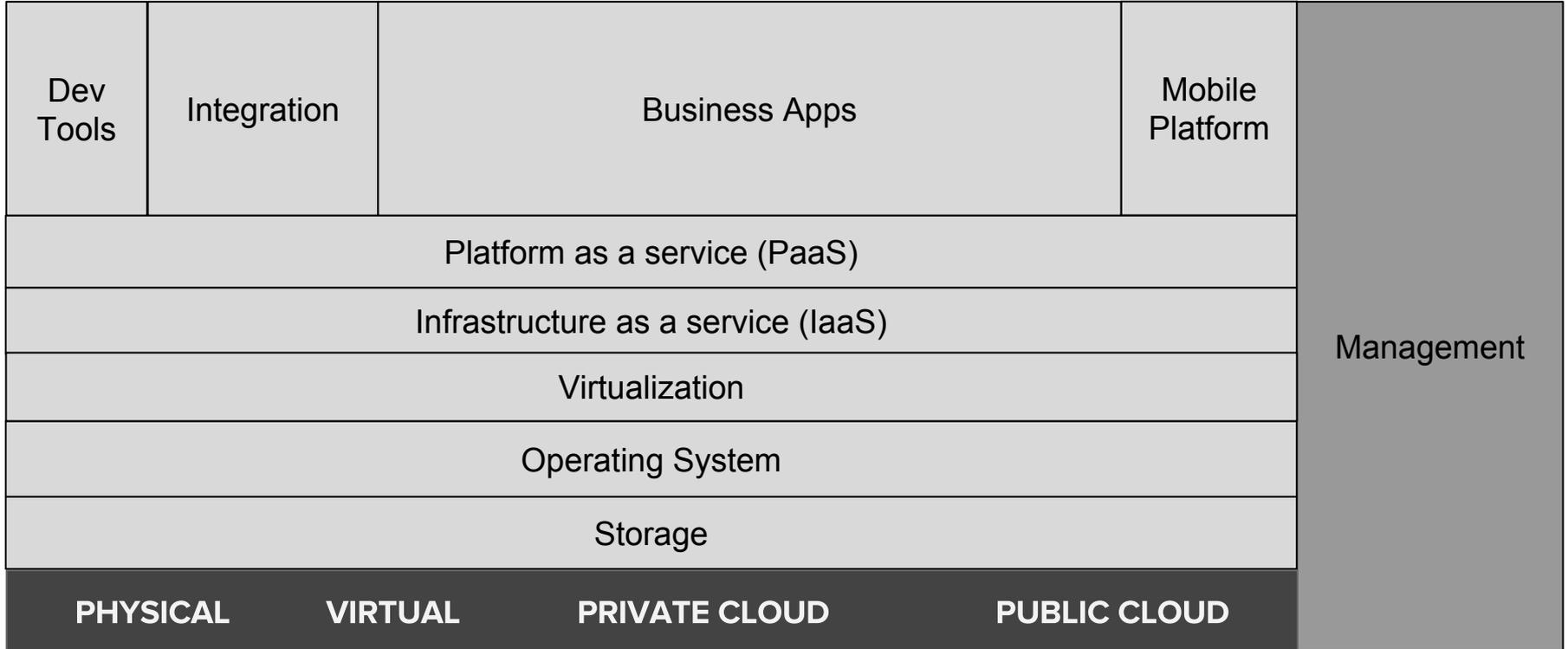
THE MODERN STACK



HUGE AND COMPLEX?



HUGE AND COMPLEX? YES IT IS





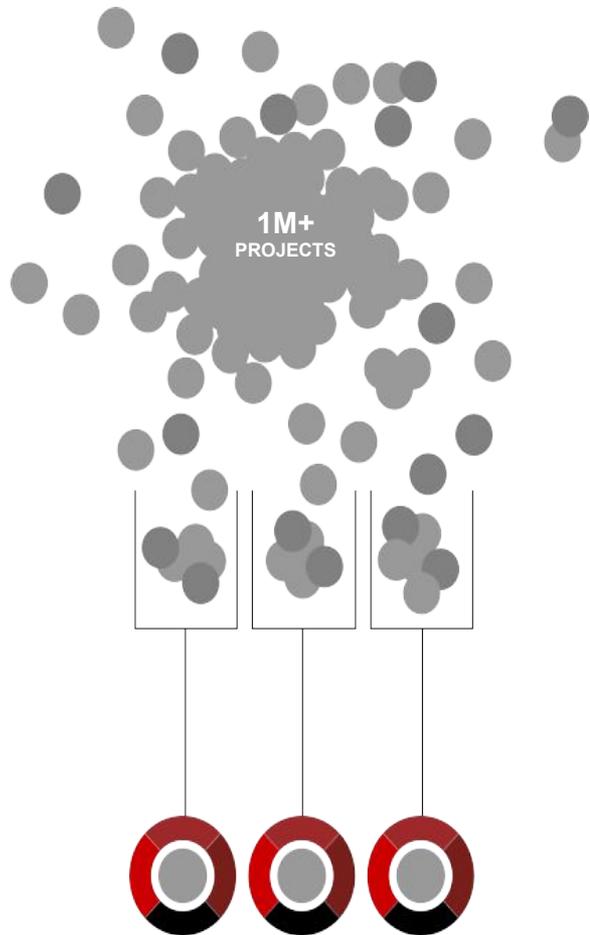
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RED HAT'S STRATEGY: THE OPENSOURCE WAY

RED HAT PRODUCTIZATION PROCESS



PARTICIPATE

(upstream projects)

We participate in and create community-powered upstream projects.

INTEGRATE

(community platforms)

We integrate upstream projects, fostering open community platforms.

STABILIZE

(supported products
platforms, and solutions)

We commercialize these platforms together with a rich ecosystem of services and certifications.



50% of the world's trading volume is powered by Red Hat products and solutions.

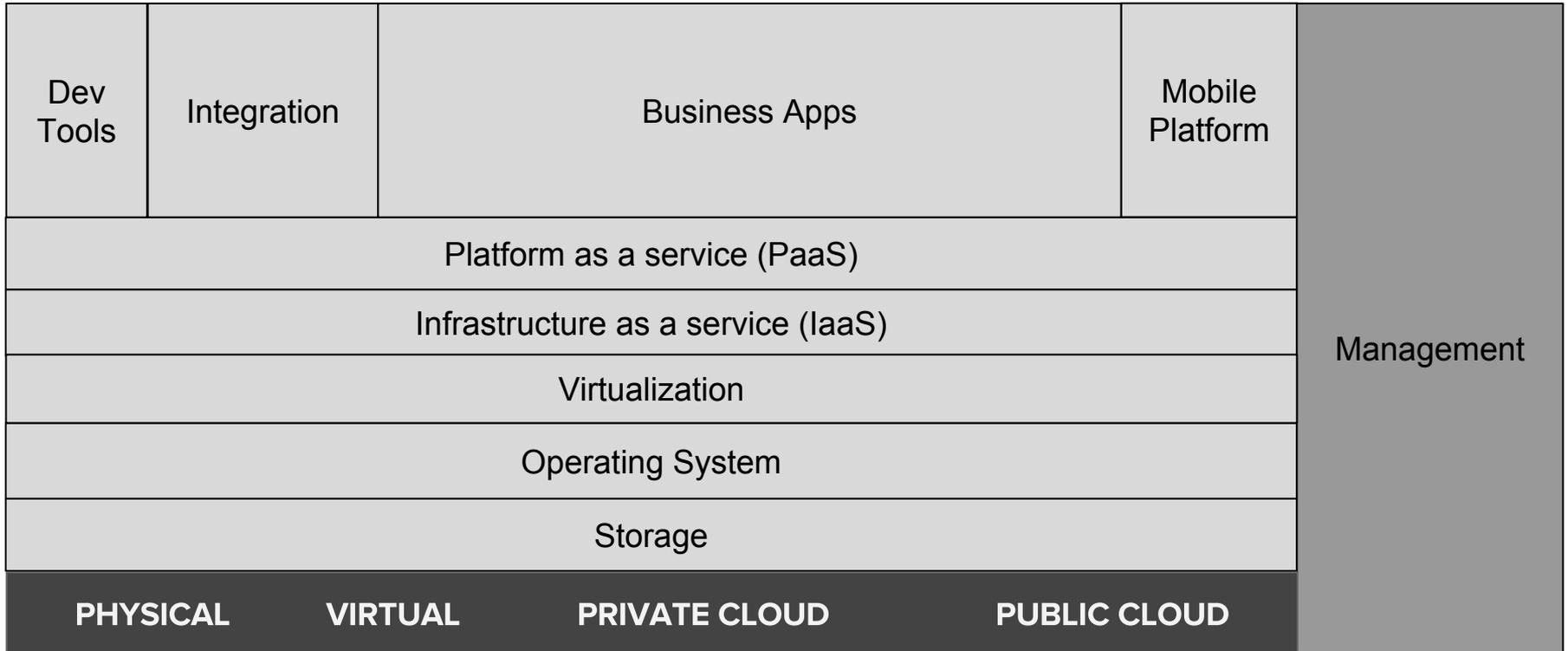
Citation: Red Hat client data, 2013



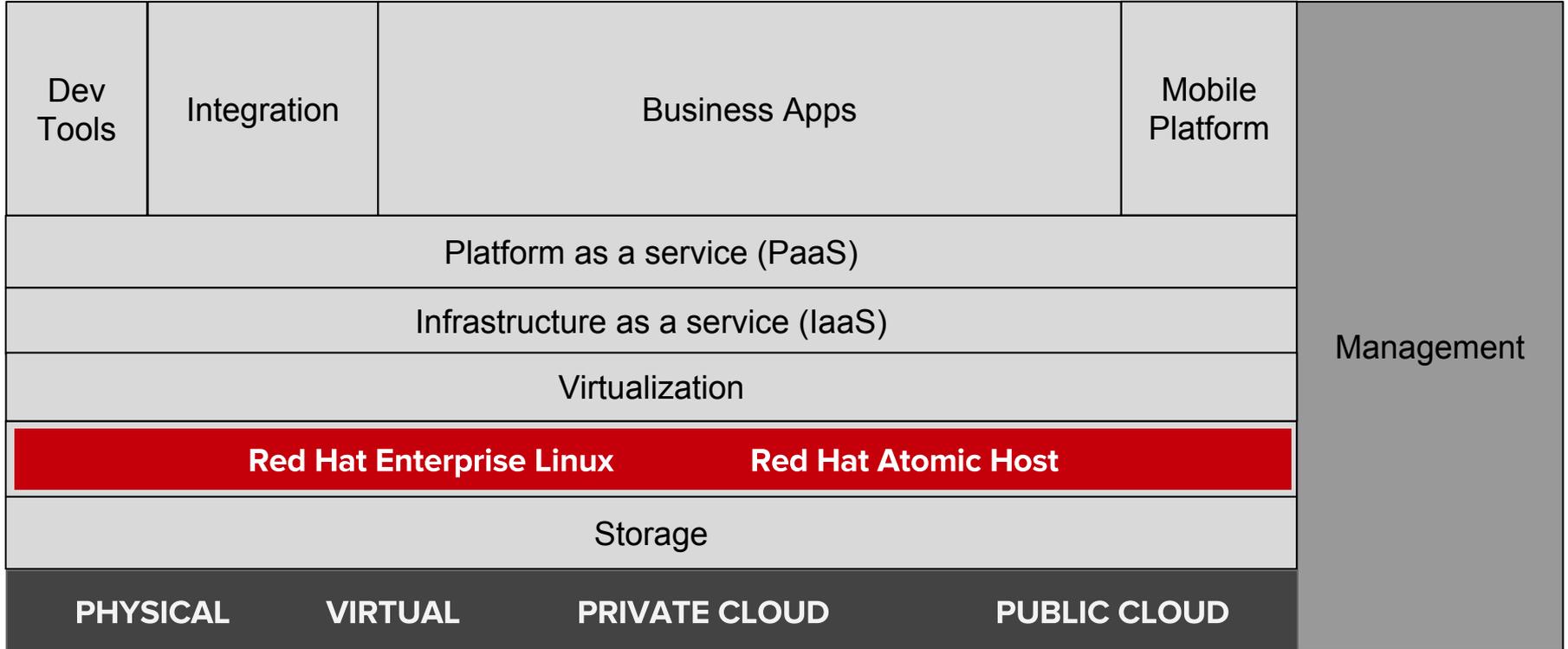
100% of Fortune 500 companies in the airlines, commercial banks, financial data services, healthcare (insurance and managed services), and telecom industries are Red Hat customers.

Citation: Red Hat client data and Fortune 500 list, 2013

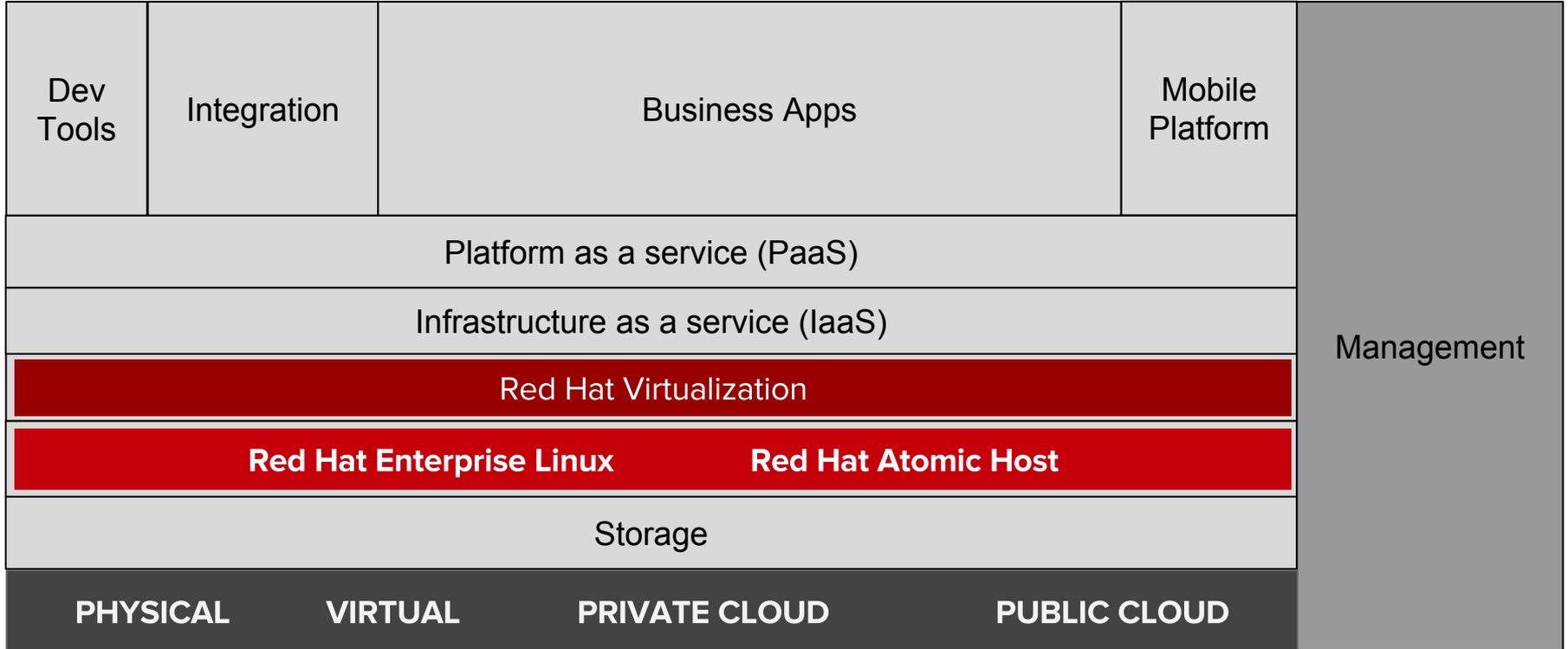
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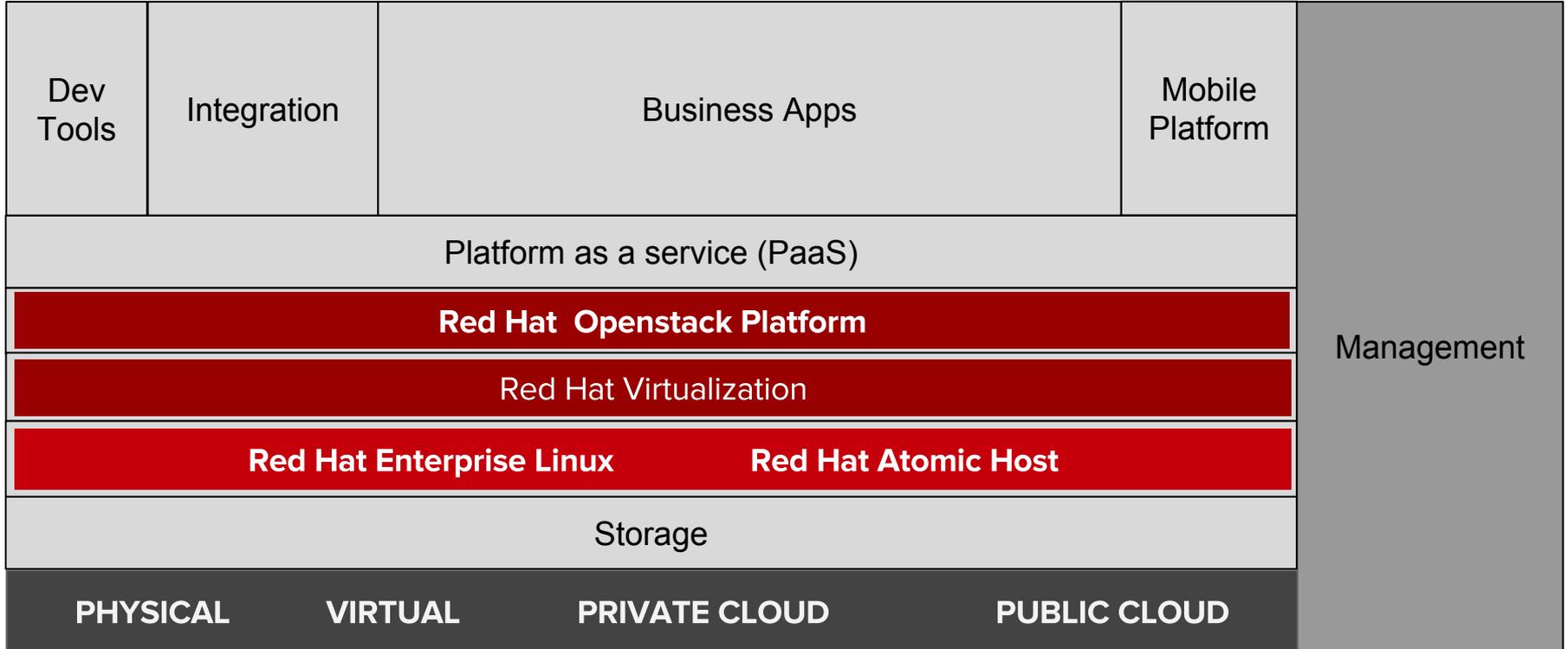
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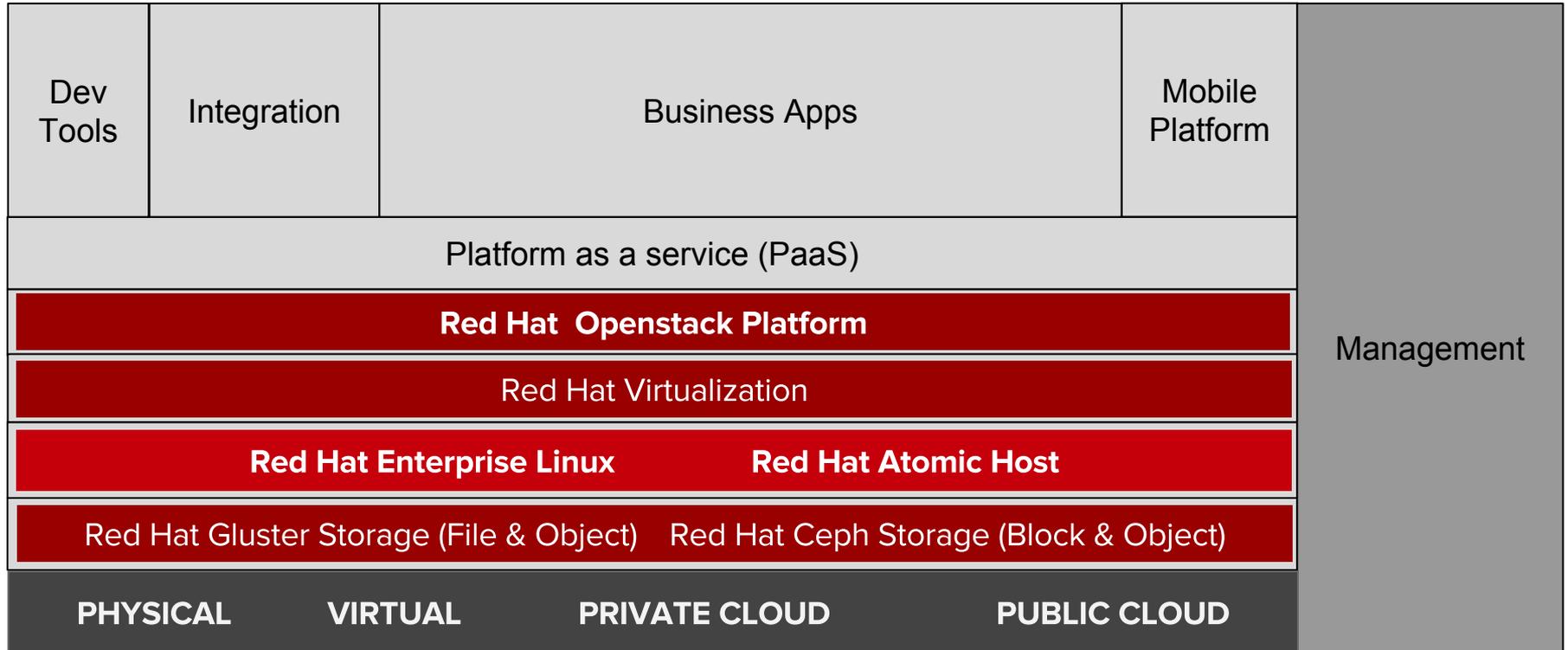
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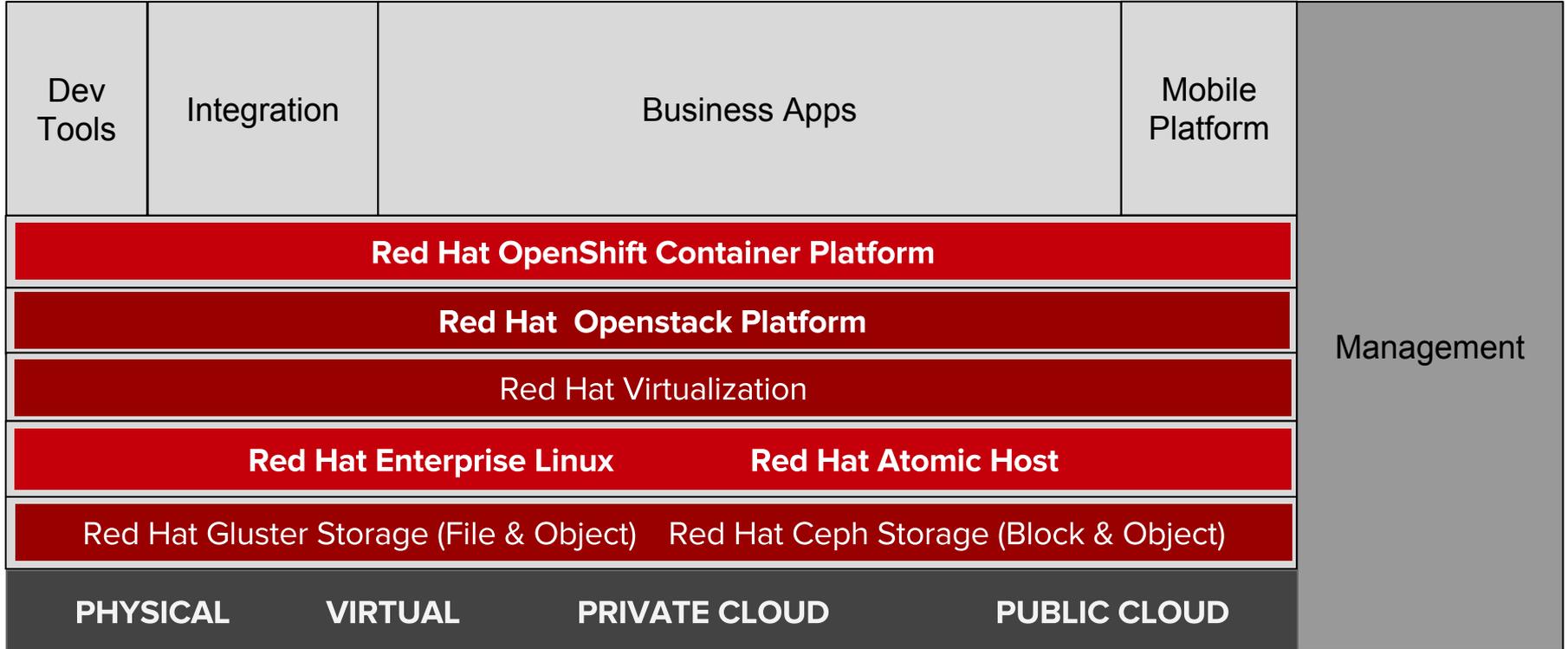
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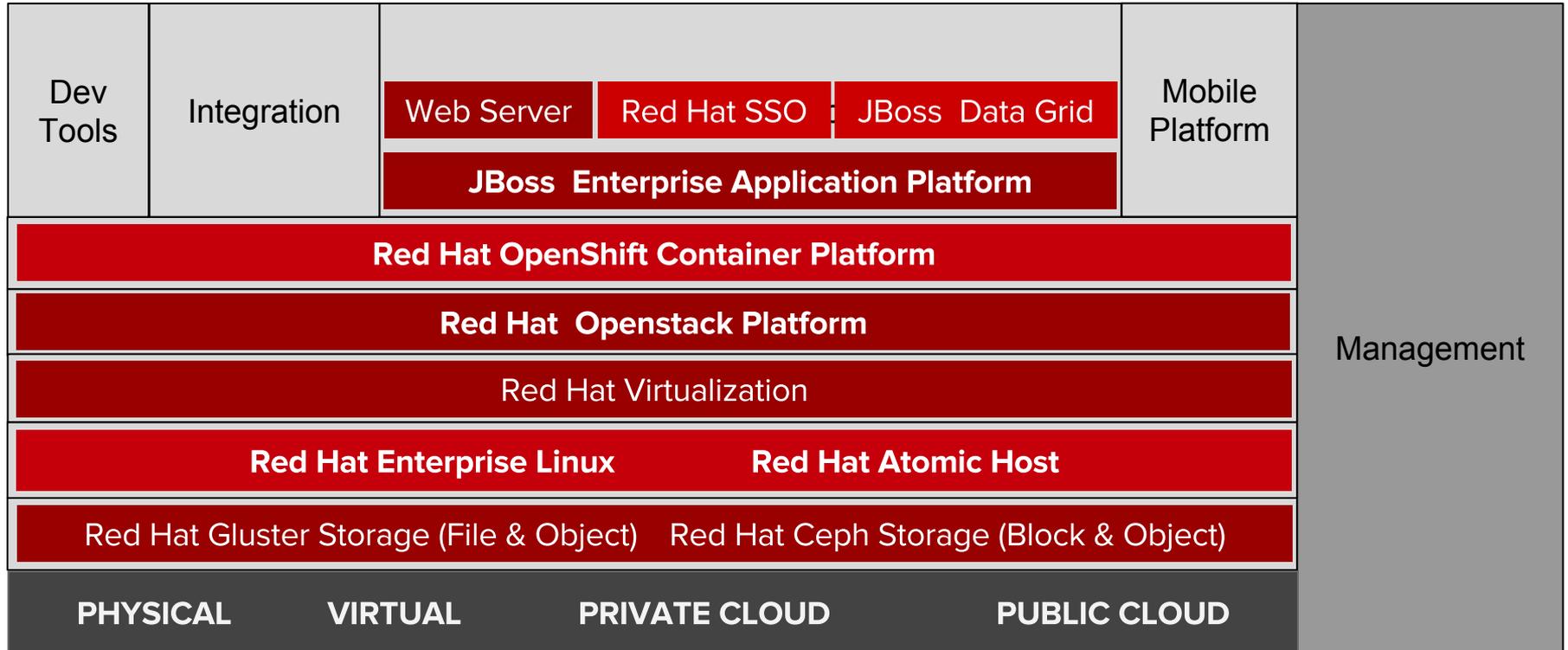
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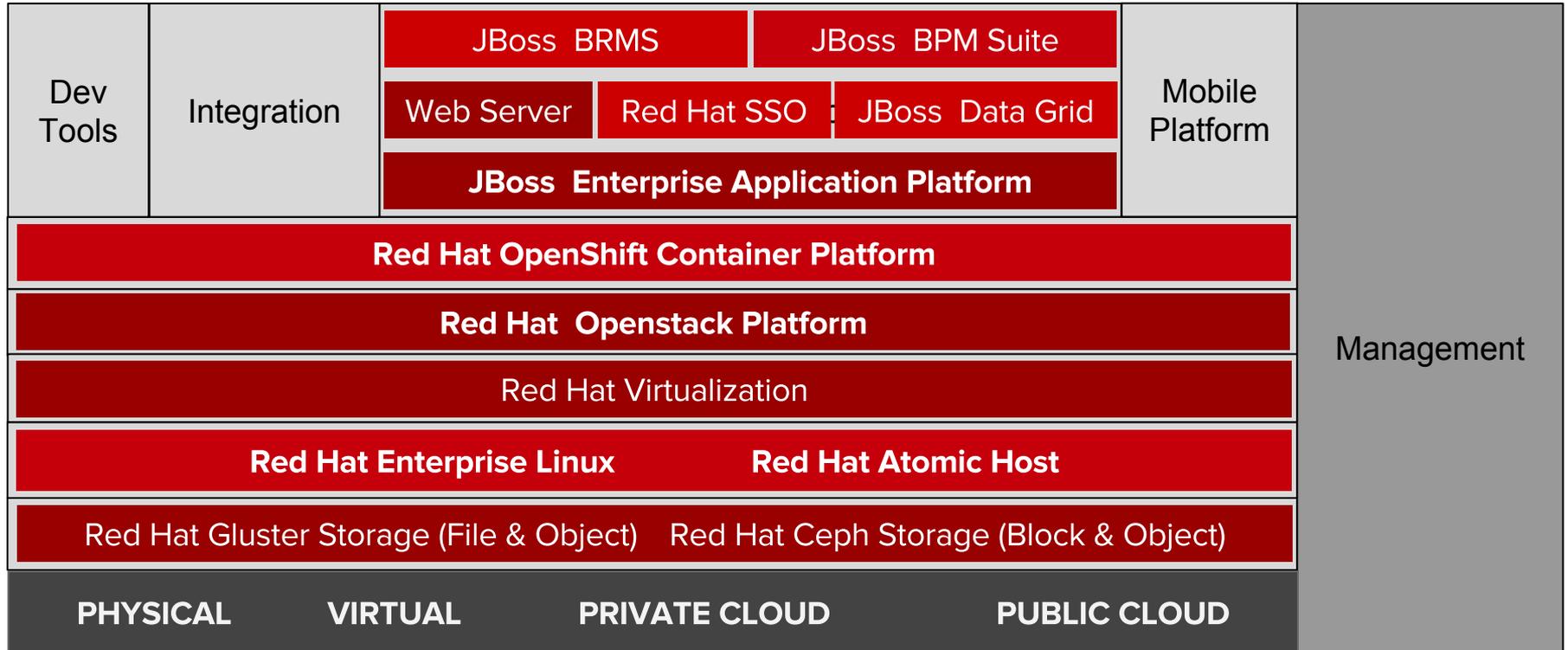
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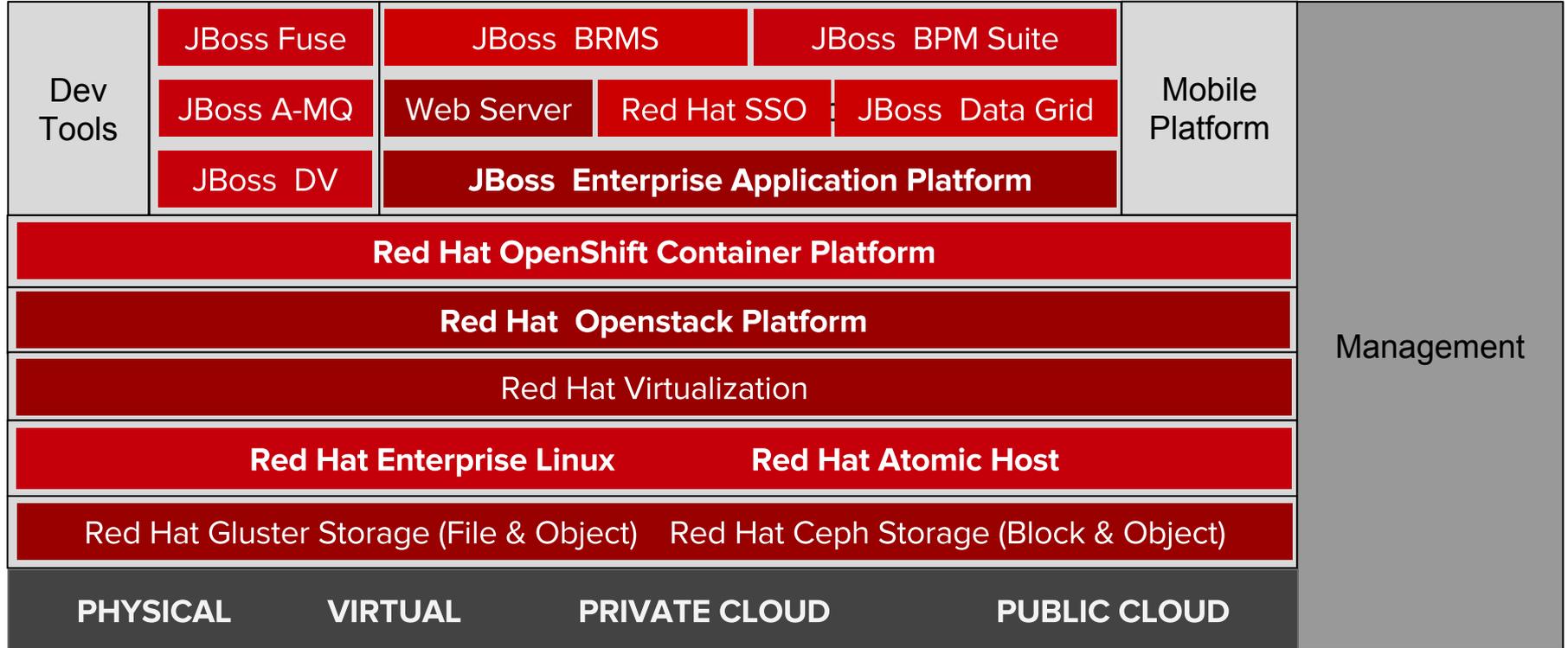
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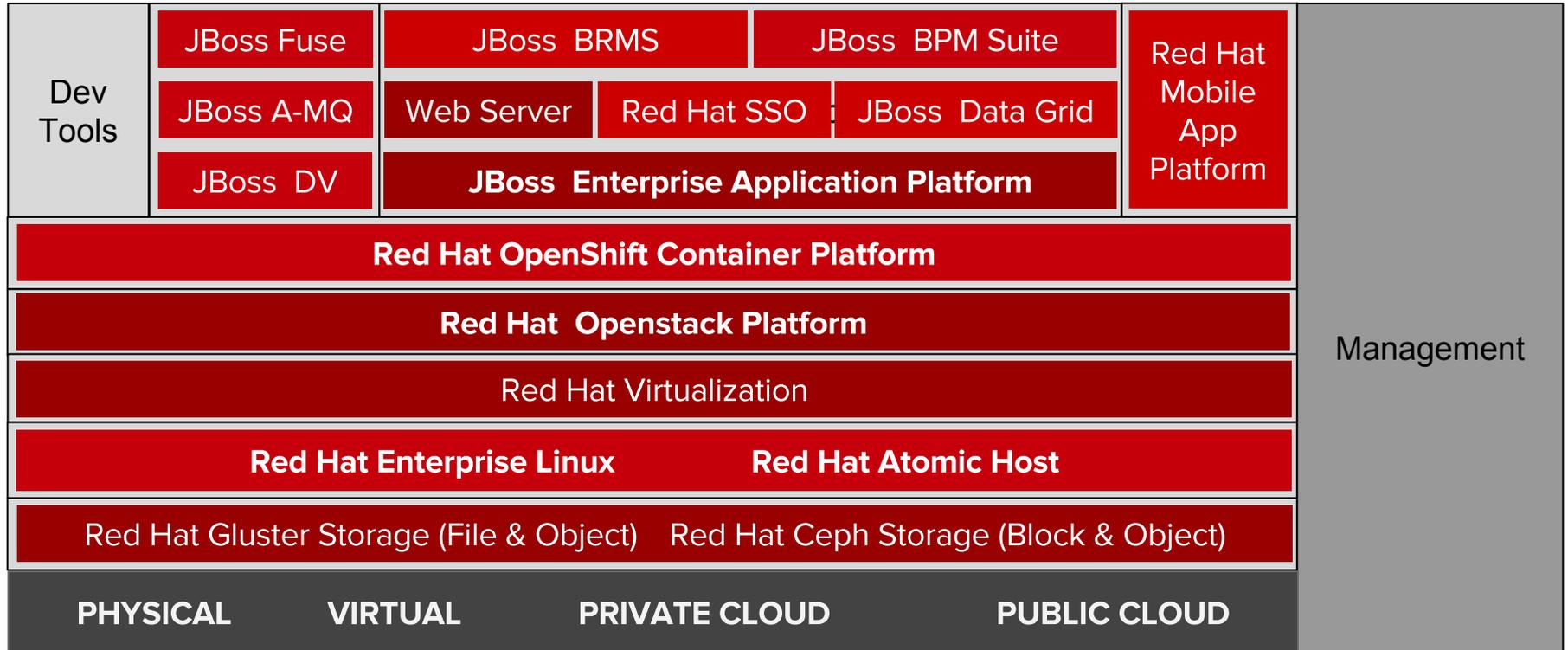
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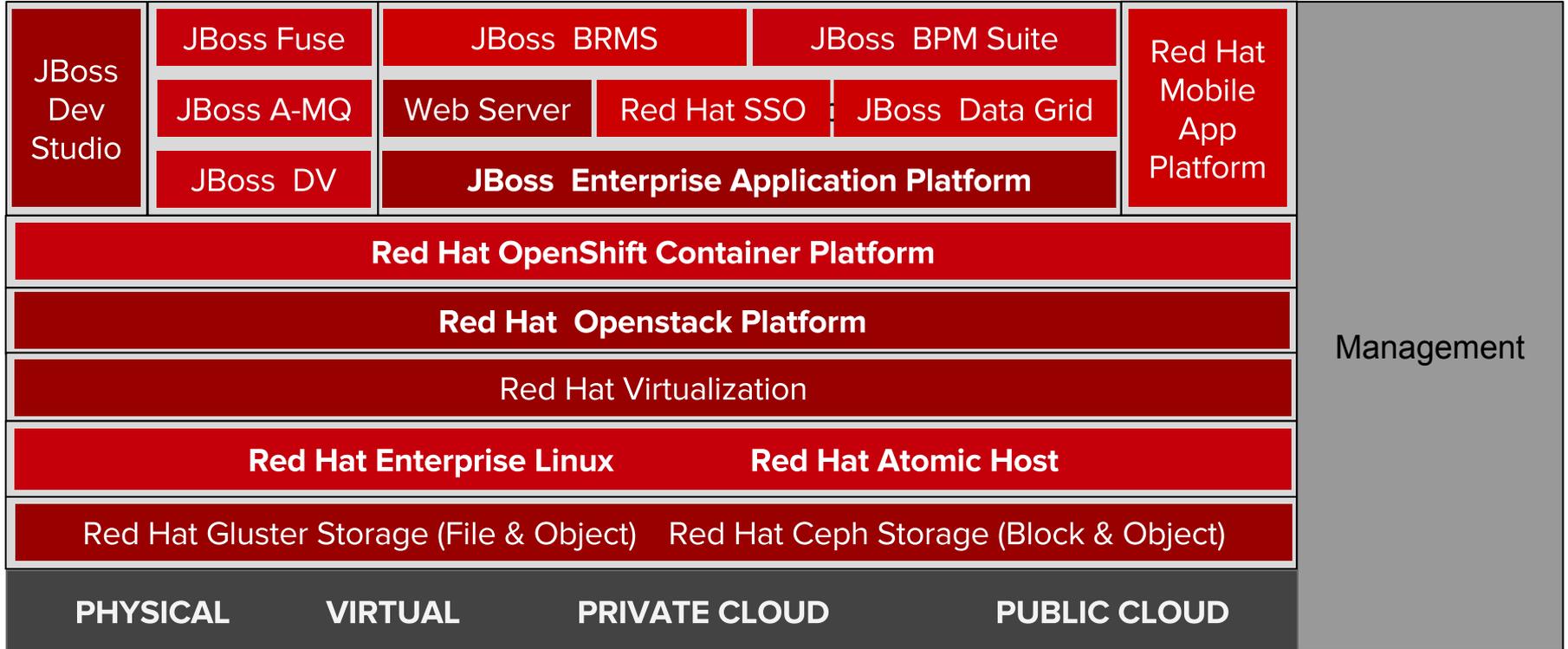
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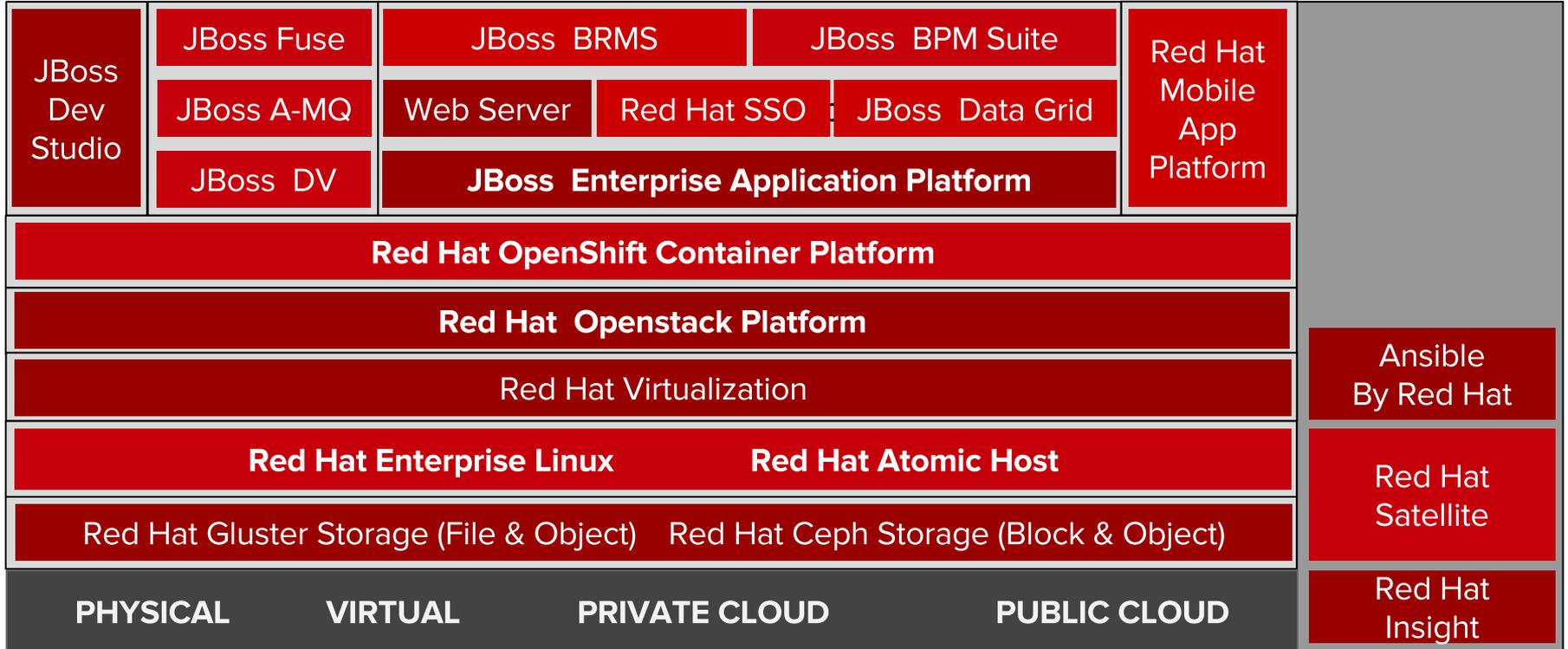
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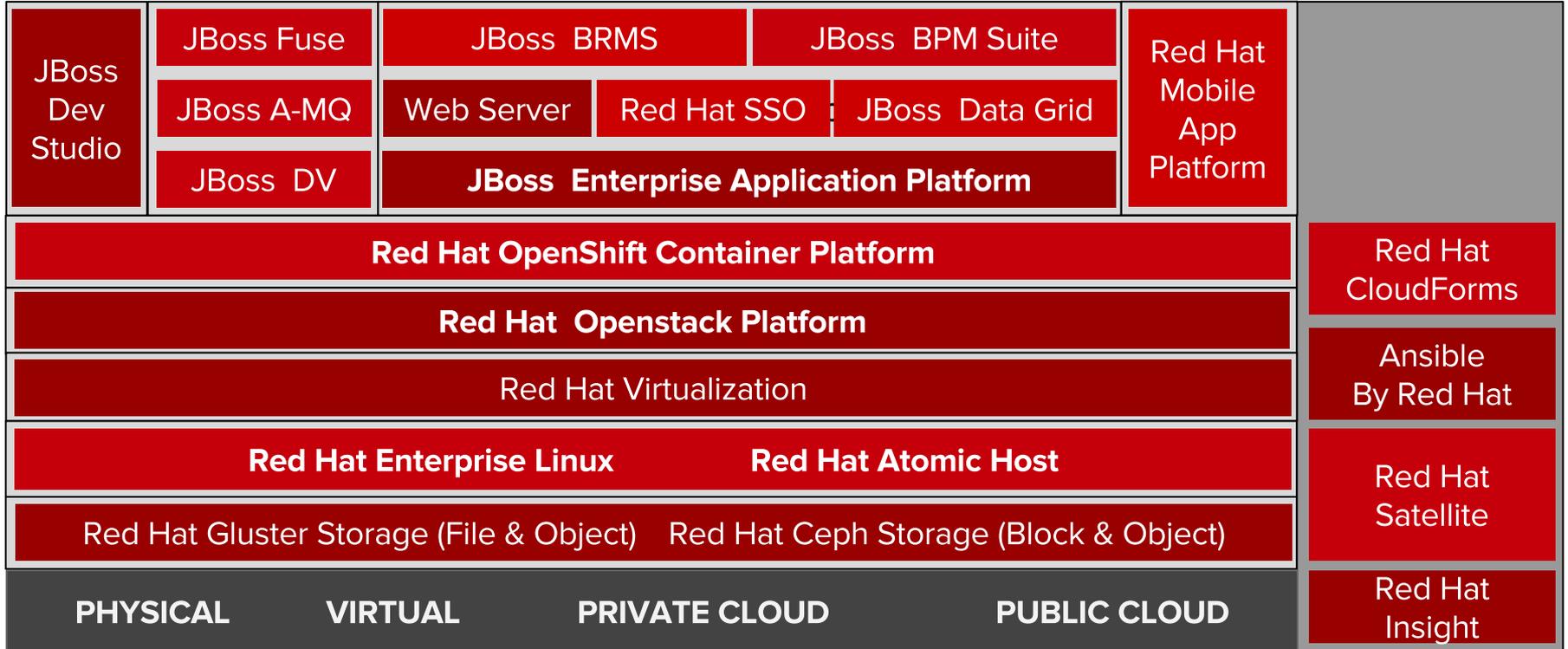
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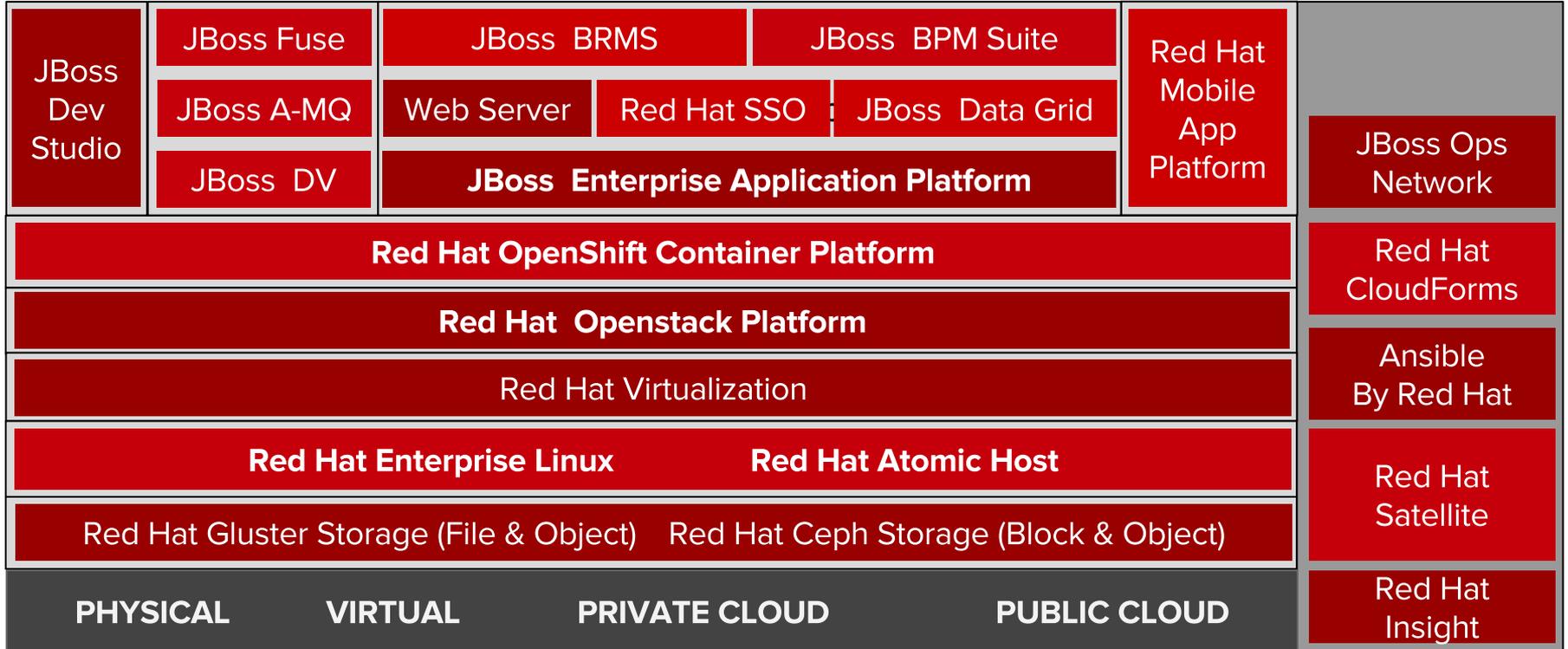
THE MODERN STACK



THE MODERN STACK



THE MODERN STACK



THE RED HAT STACK

JBoss Dev Studio	JBoss Fuse	JBoss BRMS	JBoss BPM Suite	Red Hat Mobile App Platform	3Scale – API Management	
	JBoss A-MQ	Web Server	Red Hat SSO		JBoss Data Grid	JBoss Ops Network
	JBoss DV	JBoss Enterprise Application Platform			Red Hat CloudForms	
Red Hat OpenShift Container Platform					Ansible By Red Hat	
Red Hat Openstack Platform					Red Hat Satellite	
Red Hat Virtualization					Red Hat Insight	
Red Hat Enterprise Linux		Red Hat Atomic Host				
Red Hat Gluster Storage (File & Object)		Red Hat Ceph Storage (Block & Object)				
PHYSICAL	VIRTUAL	PRIVATE CLOUD	PUBLIC CLOUD			

COMPLETE, PURELY OPENSOURCE, MODERN, ENTERPRISE QUALITY

JBoss Dev Studio	JBoss Fuse	JBoss BRMS	JBoss BPM Suite	Red Hat Mobile App Platform	3Scale – API Management	
	JBoss A-MQ	Web Server	Red Hat SSO		JBoss Data Grid	JBoss Ops Network
	JBoss DV	JBoss Enterprise Application Platform			Red Hat CloudForms	
Red Hat OpenShift Container Platform					Ansible By Red Hat	
Red Hat Openstack Platform					Red Hat Satellite	
Red Hat Virtualization					Red Hat Insight	
Red Hat Enterprise Linux		Red Hat Atomic Host				
Red Hat Gluster Storage (File & Object)		Red Hat Ceph Storage (Block & Object)				
PHYSICAL	VIRTUAL	PRIVATE CLOUD	PUBLIC CLOUD			

KEY TAKEAWAYS:

- RED HAT has the whole modern IT STACK
- RED HAT is SW vendor but also your:
 - PARTNER in the world of enterprise quality opensource
- IT INOVATIONS are crucial for BUSINESS CONTINUITY but:
 - Choose OPEN technologies, do not allow a LOCK-IN
 - INNOVATE, do not RIP-AND-REPLACE



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**“IF YOU ARE NOT
IMPROVING, ENTROPY
GUARANTEES THAT YOU
ARE ACTUALLY GETTING
WORSE.”
— GENE KIM**



redhat.®

**DREAMS
NOT
ALWAYS
COME
TRUE**

Current role vs. ideal role of CIO from the line of business perspective

Runs the IT function
in support of
business operations

70%

6%

Leads business/
technology transformation
as the company changes

18%

37%

Technology-driven
business innovation
and strategies

12%

57%



CURRENT ROLE



IDEAL ROLE

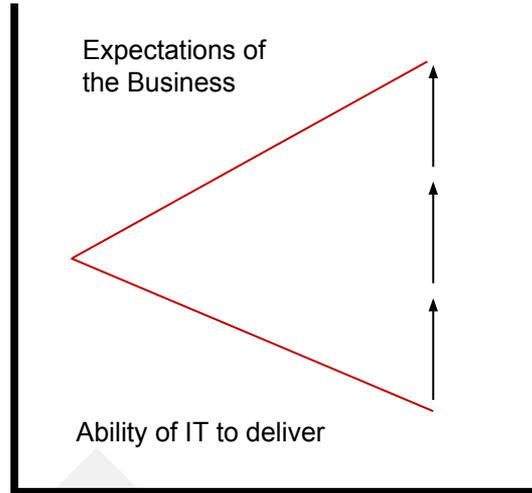
The IT Innovation Gap

EXTERNAL DRIVERS

- Globalized economy
- Cloud/utility computing
- Consumerization of IT

THE REALITY OF IT

- Budgets flat/declining
- 80% of budget just to keep the lights on*



“IT TRANSFORMATION”

3

AGILE BIZ PROCESSES
“BI-MODAL IT”

2

AGILE APP DEV/DEPLOY
“CI/CD, DEVOPS”

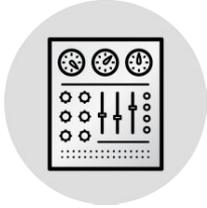
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AGILE IT INFRASTRUCTURE
“OPEN HYBRID CLOUD”

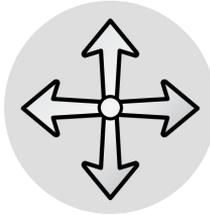
* Gartner and other analysts

Why this matters:

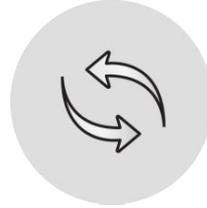
Modern infrastructure enables the digital business



Streamlined and automated



Elastic and scalable



Agile and responsive



Utility-like



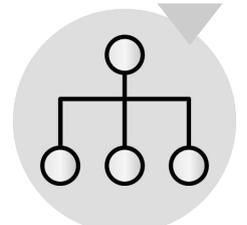
provisioning, configuration
management



hybrid cloud and cloud bursting



rapid application deployment



managed, policy driven,
and always on