INTERNATIONAL ASSOCIATION OF OUTSOURCING PROFESSIONALS

S.M.A.C.

Social. Mobile. Analytics. Cloud

Cloud Computing Notes

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Sterling, VA

Cloud Service Models

SaaS

PaaS

IaaS


Cloud Data Center
9


Data Center part of regional technology campus. Ashburn, VA. is largest data center hub in North America. Gated facility with 7 layers of physical security.

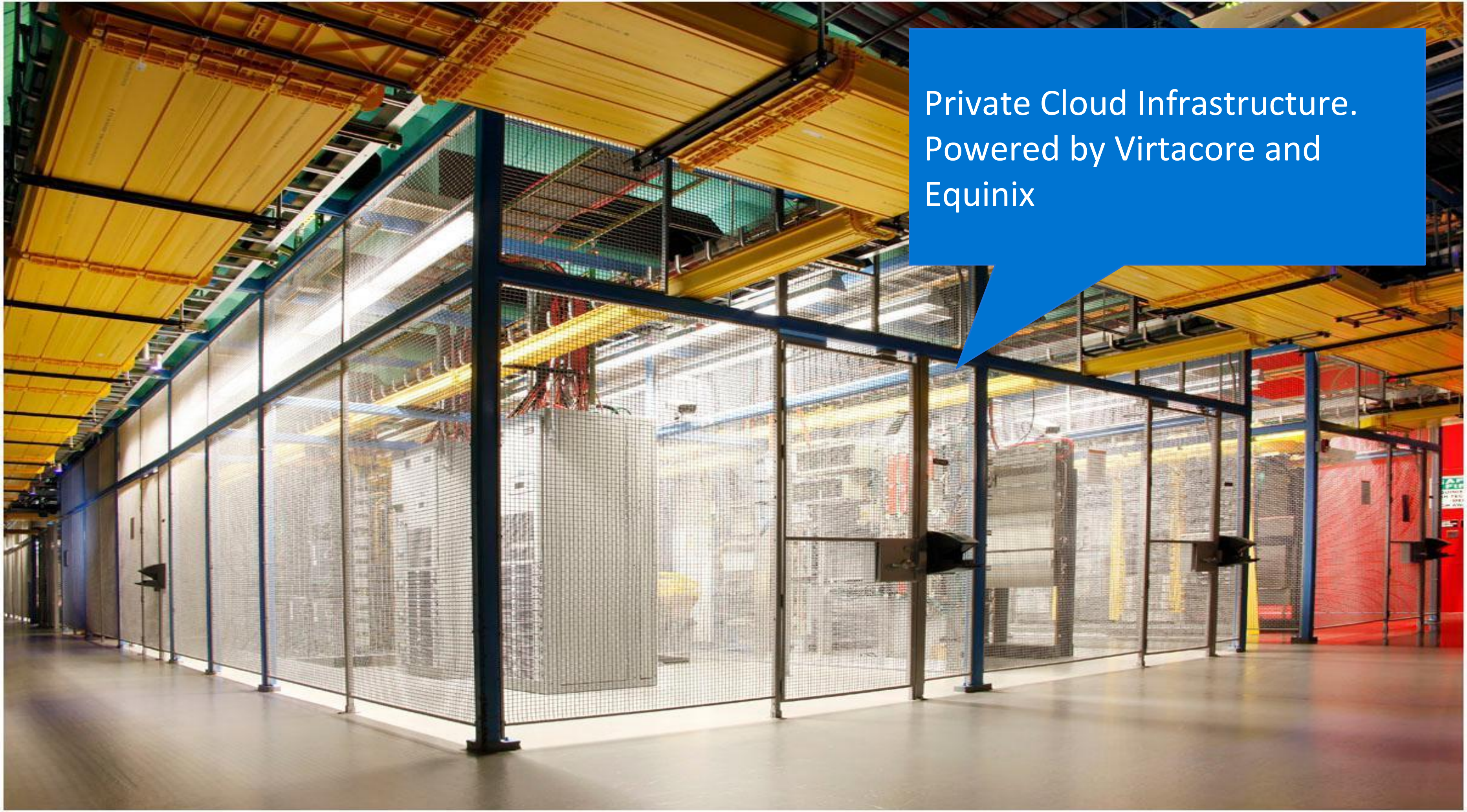
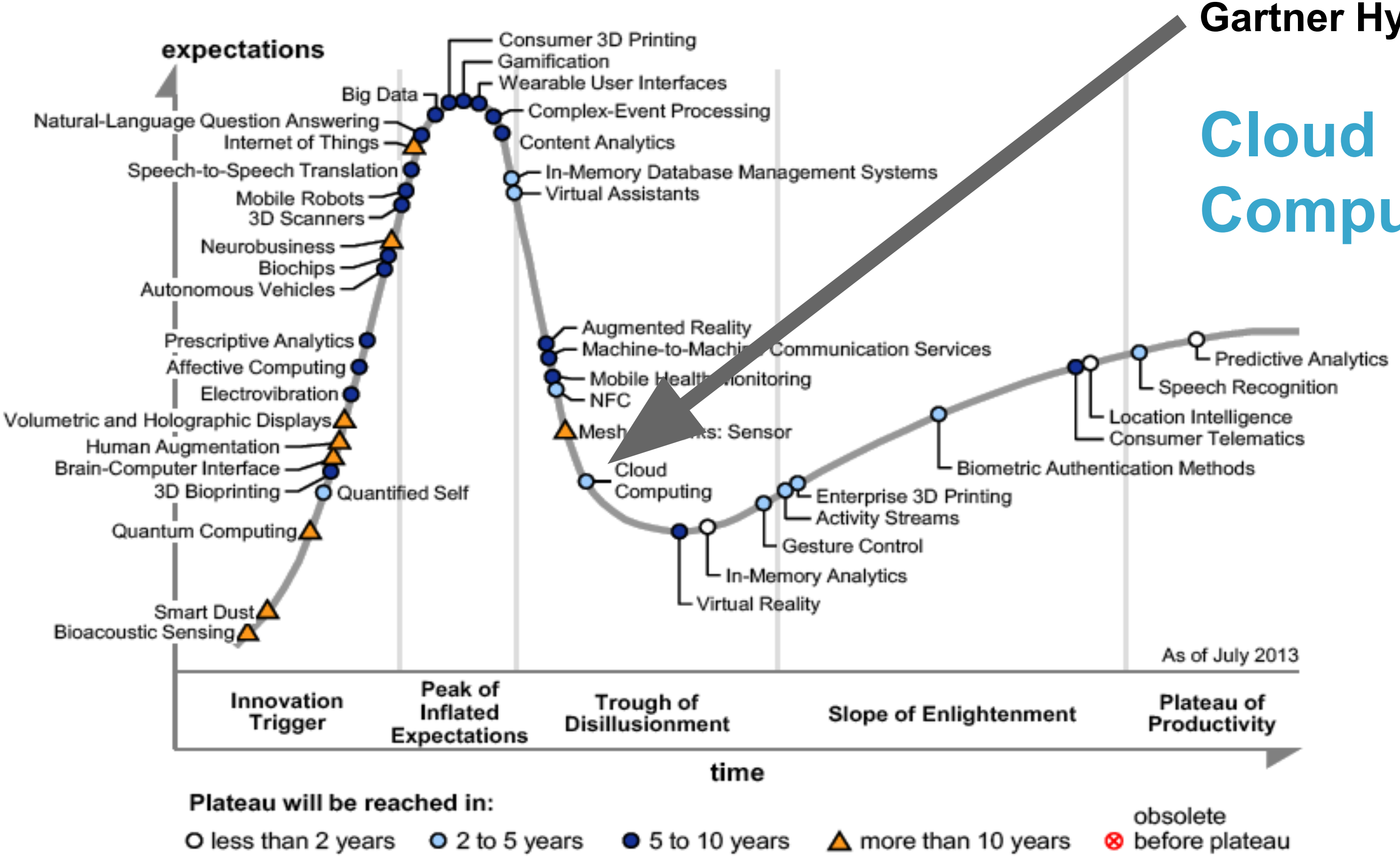

Private Cloud Infrastructure.
Powered by Virtacore and
Equinix

Figure 1. Hype Cycle for Emerging Technologies, 2013

Gartner Hype Cycle



Cloud Computing

Source: Gartner (July 2013)

Cloud Computing

Gartner Hype Cycle

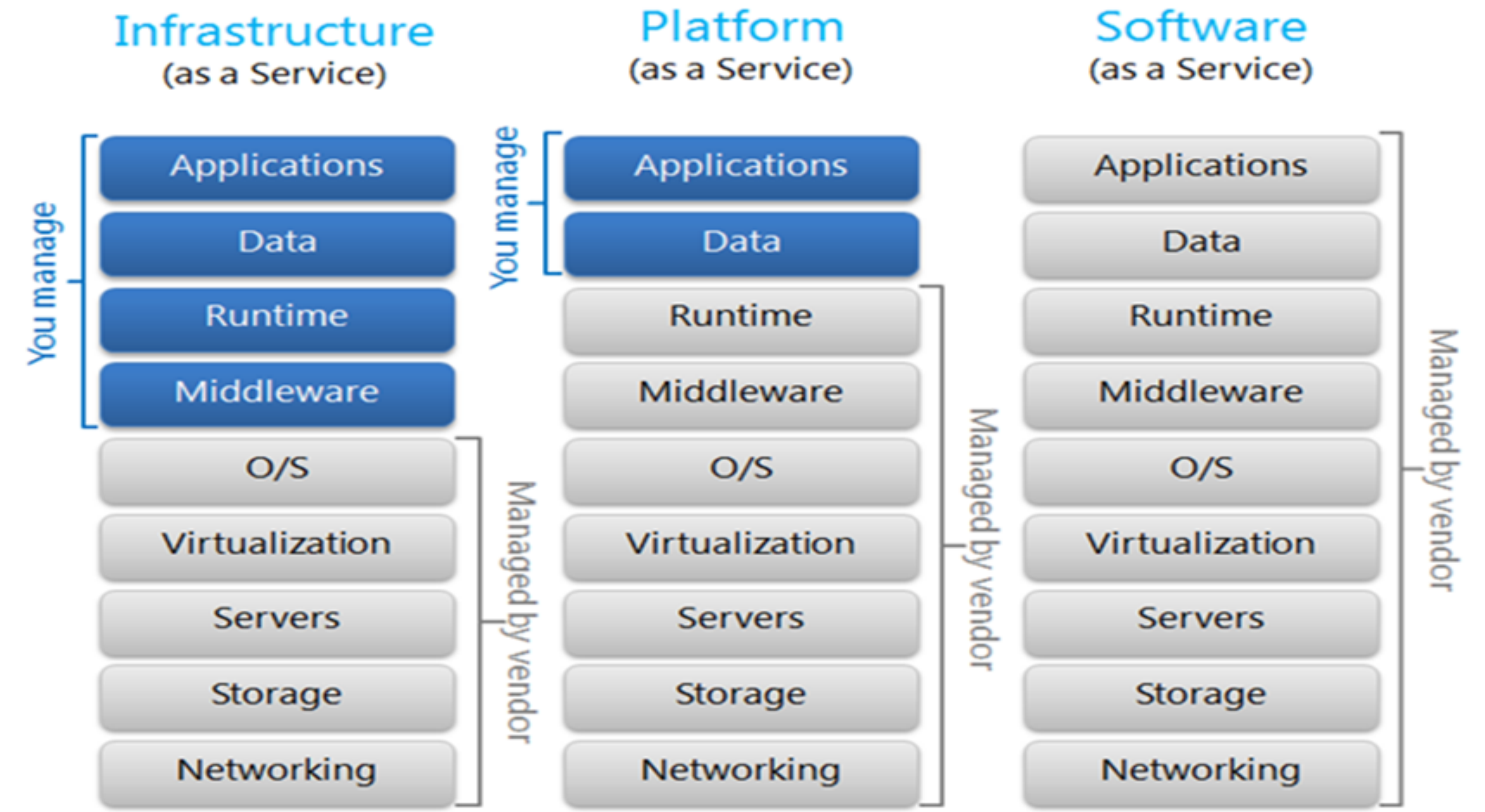
"Position and Adoption Speed Justification: Cloud computing is still a visible and hyped term, but, at this point, it has clearly passed the Peak of Inflated Expectations. There are many signs of fatigue, rampant cloud washing and disillusionment (for example, highly visible failures). Although cloud computing is approaching the Trough of Disillusionment, it remains a major force in IT. Users are changing their buying behaviors, and, although they are unlikely to completely abandon on premises models or buy complex, mission-critical processes as services through the cloud in the near future, there is a movement toward consuming services in a more cost-effective way and toward enabling capabilities not easily done elsewhere.

Although the hype has peaked, there is still a great deal of hype surrounding cloud computing and its many relatives. Every IT vendor has a cloud strategy, although many aren't cloud-centric. Variations, such as private cloud computing and hybrid approaches, compound the hype and demonstrate that one dot on a Hype Cycle cannot adequately represent all that is cloud computing. The hype around cloud computing is shifting as the market matures. It has moved from cost savings to being about the business benefits organizations would realize due to a shift to cloud computing. Organizations have realized some disappointment about the cost savings and are likely to experience some of the same related to business benefits."

Infrastructure as a Service. Platform as a Service . Software as a Service. Public Cloud . Private Cloud . Hybrid Cloud.

Agility . Time to market . Innovation. Alignment of cloud to business needs . Reduce spending on technology infrastructure . Streamline processes . Monitor projects more effectively .

Silos vs. Gate Keepers



Infrastructure
(as a Service)
Platform
(as a Service)
Software
(as a Service)
You manage
Applications
Data
Runtime
Middleware
O/S
Virtualization
Servers
Storage
Networking
Managed by vendor
You manage
Applications
Data
Runtime
Middleware
O/S
Virtualization
Servers
Storage
Networking
Managed by vendor
Applications
Data
Runtime
Middleware
O/S
Virtualization
Servers
Storage
Networking
Managed by vendor


INSTEAD OF RISKING ANYTHING NEW, LET'S PLAY IT SAFE BY CONTINUING OUR SLOW DECLINE INTO OBSOLESCENCE.
TOM FISH BURNE