



ENTERPRISE
IAAS SOLUTIONS



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Agenda

Introductions

State of the Cloud

IaaS - Services

Questions?



State of the Cloud

The cloud technology landscape is shifting. We have a mixture of dead ends and new roads. New concepts like containers, DevOps, PaaS and more are altering the way we look at cloud computing...

*Nicholas Weaver, Principal Cloud Architect
Intel's Cloud Platforms Group*

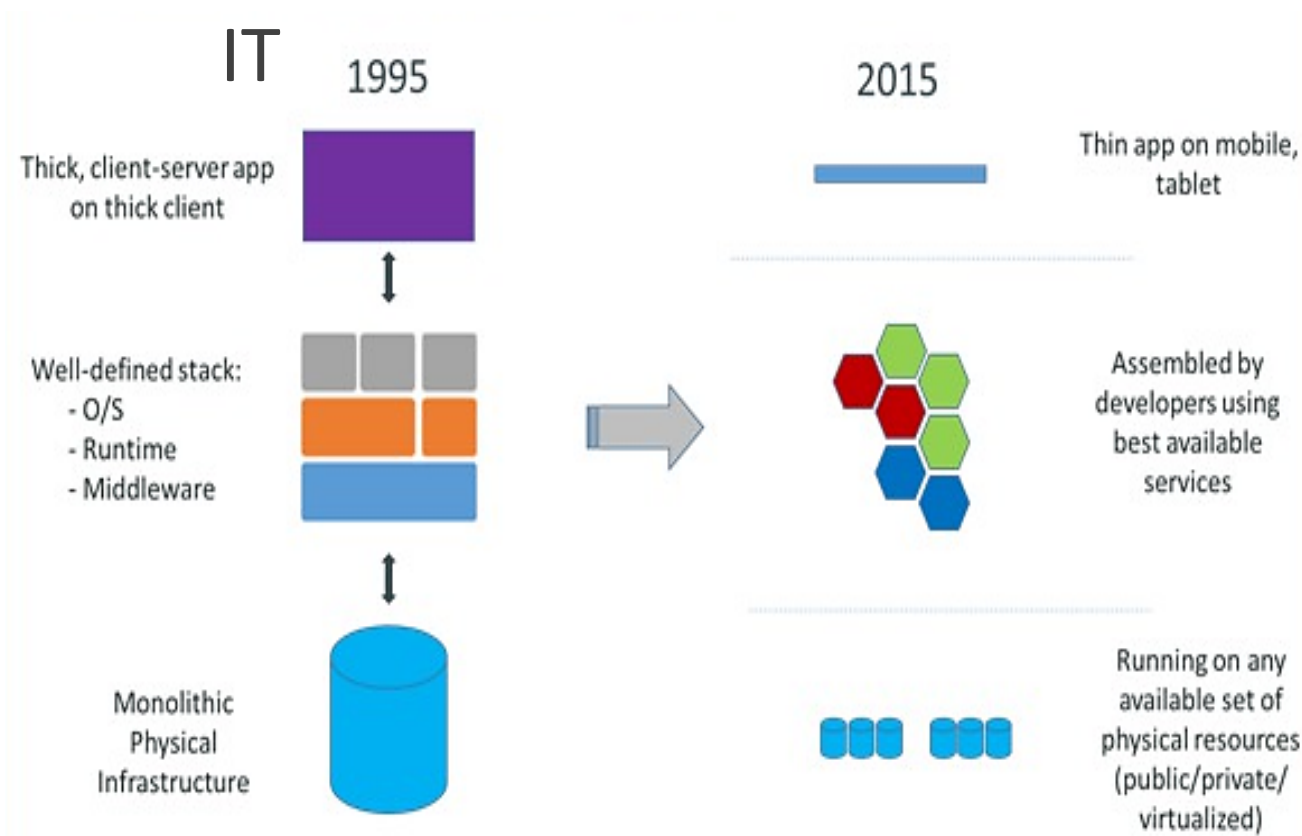
State of the Cloud

Most of the changes in 2015 will be driven by simple business metrics. Cloud margins will continue to fall and enterprises have yet to develop cloud-specific applications.

*Tom Nolle
Tech Target*

Enterprise IT as a Whole is Not Ready

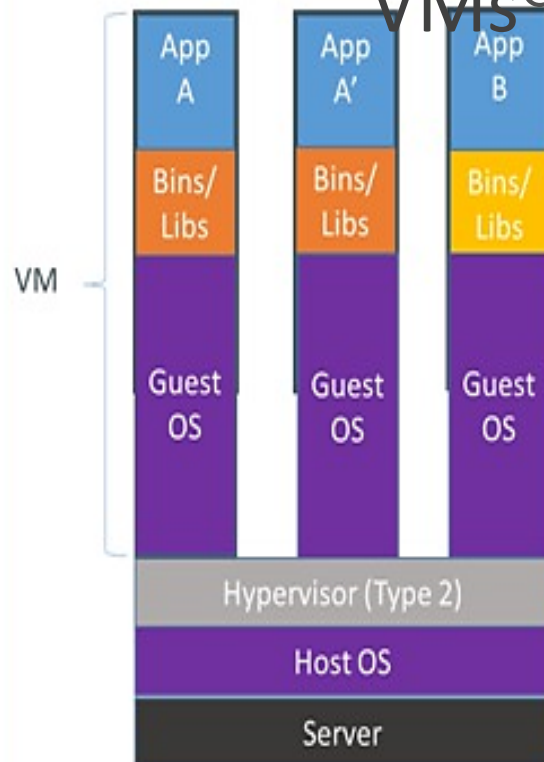
Market View: Evolution of IT



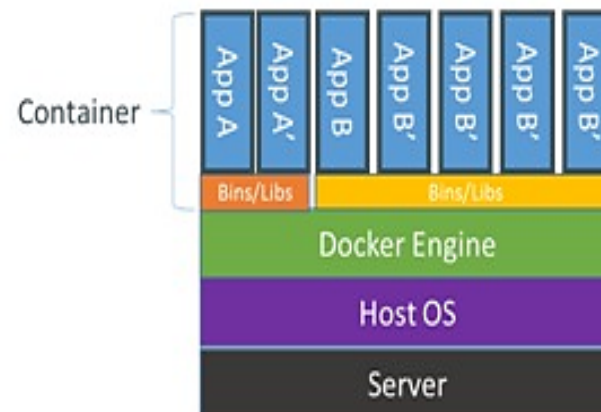
Enterprise IT as a Whole is Not Ready

Containers vs.

VMs[®]



Containers are isolated, but share OS and, where appropriate, bins/libraries



Challenges in Today's Environment

Workload Portability

Complicated Billing

Targeted to Web/HyperScale
companies

Consistent quality performance

Control

Support for legacy applications
and operating systems



VMWare® vs. OpenStack

VMWare®

- Caters to two decades of accumulated enterprise IT
- Focused on data center automation
- Functionally layered around a hypervisor to handle security, data availability, and resource accounting



OpenStack

- Caters to green field and cloud applications
- Focused on intelligent scaling of the platform
- Focused on automating the entire infrastructure in a unified manner



IaaS - Vision

To provide a secure, scalable, and highly reliable cloud ecosystem which provides full interoperability across all cloud deployment models (public, private, and hybrid).

Thereby allowing customers to strategically place workloads on the best platform, provider, or geographic location to support the unique requirements of each enterprise application.



Cloud Federation/Ecosystem

Transparent cloud hosting. At last.

When every cloud provider makes the same claims about price, performance and uptime, how do you know who to choose?

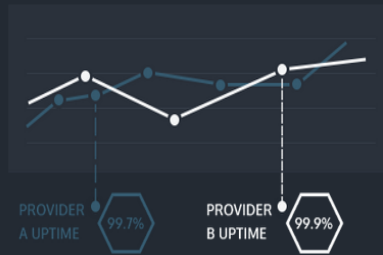
Cloud.net is the first truly transparent marketplace for global cloud infrastructure. You can deploy servers on clouds all over the world, get independently-verified data about price, performance and uptime, and manage everything through one control panel.



Cloud Federation/Ecosystem

Total Transparency

We give you a simple way to compare clouds from the world's best providers, and choose where to deploy based on independently-verified data about each cloud available.



Check real-time data on each cloud

We benchmark and monitor each cloud in the marketplace, so you can make an informed decision about where to host.



Deploy your apps with the provider, location, OS, price and performance you want.

Choose one or more regions to deploy in



Pick the price/performance you need

Servers in the Cloud.net marketplace are priced per hour, up to a maximum 672 hours (28 days) in each monthly billing period.



The Cloud.net marketplace puts global scale at your fingertips. Deploy one cloud server or a thousand, in cities all over the world.

Cloud Federation/Ecosystem



Interoperability = easy migration.

With Cloud.net you can easily scale and move servers between providers and locations. No vendor lock-in. No technology lock-in. Just easy migration whenever you want.

OnApp globalizes public cloud offerings, doubling rival AWS locations

IaaS - Cloud

Custom cloud engineering with more flexibility - we own the data center, network and Cloud.

Multiple levels of **control** with SLA-backed performance **guarantees**.

Comprehensive solutions with **integrated** backup & disaster recovery options.

We make Cloud adoption **easy** starting with high-touch support during P2V and cloud migrations, **simplified** pricing and billing models and our Always On

24x7x365 **support**.

Ability to deploy custom images with almost **any** operating system.

Full line of Service Provider Licensing software with **flexible purch** options.

Bring your legacy stack
Cloud in **one piece**.
No need to rebuild.

Multiple public cloud
options will be available
within our ecosystem.



Types of Services

Cloud Services

- Computing resources (CPU, memory, disk)
- Quickly scalable
- Professionally managed



Colocation and Network Services

- Conditioned space including UPS, generator protected power and precision cooling
- Multiple connections to the Internet
- 24x7 staffing for security and customer assistance

Managed IT Services

- Data backup (within the data center) including offsite vaulting
- Network security services
- Infrastructure management including monitoring and patching
- Disaster recovery
- Application hosting
- Storage

Our Network

Five fully-redundant locations

- Asheville
- Greenville
- Columbia
- Charleston
- Rock Hill

Carrier-neutral facility

- Access to provider of your choice

Major Internet Peering Points

- Ashburn, VA
- Atlanta, GA
- Charlotte, NC

