Are Servers “old school” Are they still relevant?

Gerard Surendran Saverimuthu
Server Tech Sales Leader, Systems, IBM ASEAN
"Are Servers “old school” Are they still relevant?"

Gerard Saverimuthu

March 2017
Agenda

- Evolving landscapes and new business models
- Servers and Cloud: Lessons and predictions
- Client examples
- Three-step action plan
- What can you do today?
“Drones, AI and getting ready for great disruption”

"Google puts Intel on notice, ‘looks forward’ to using non-Intel chips within its cloud”

“Like wine? You’ll love it more with AI”
Server

/səvər/
noun

1. A person or thing that serves.

2. A computer or computer program which manages access to a centralized resource or service in a network.
1. Cloud-centric Systems

“Modernize your Power infrastructure for the Cloud, get access to IBM Cloud”*

* Free SoftLayer starter pack (6-12 server months)

On-Premises Cloud
- Open source automation
- Flexible elastic private cloud

PowerVC
- Manage VMs across on and off-premise clouds with a single pane of glass

Hybrid Cloud
- Connect traditional workloads with cloud-native apps (API Connect, BlueMix)
2. Cognitive-centric Systems

- HPC / Deep Learning solutions
- Significantly shorter training
- Unique NVLink – POWER technology
- PowerAI framework
3. Apps as a Service for Servers

Cloud-based micro-services - accessed securely, anytime, anywhere for your complete enterprise

Inventory Aggregation
- Power Systems, HMCs, LPARs, etc.
- Health and state
- Geo-tagging

Performance Monitoring
- Aggregated view
- Threshold alerting

Add-ons:
- Predictive trends in performance and utilization
- Capacity planning
4. Watson Machine Learning for z/OS

Watson Machine Learning for z/OS
IBM’s first on-premise Machine Learning offering
Announcement: February 15, 2017

- Optimize customer interactions with less human direction
- Uncover more profitable opportunities
- Identify and minimize risk

SIMPLE  POWERFUL  FLEXIBLE
Why change?

- Lower total cost of ownership
- Enhance operational efficiencies
- Facilitate innovation
- Meet customer expectations more readily
75% of organizations have already adopted cloud capabilities to some degree.¹

7 in 10 report they will always have a blend of traditional IT and cloud or hybrid cloud.

Observations and Predictions

Nearly half of workloads expected to remain on-premise.

Public Cloud is not always cheaper than on-premise.

You can’t always lift and shift to Cloud.
Lessons from the past

Avoid lock-in
Right mix for best results
Security
Governance
“How can my organization create the Value, Innovation and meet end-user demands?”
Take the 3 steps

**Discover**
Identify IT / business functions to be delivered

**Design**
Address challenges in adoption and then design the solution

**Deploy**
Realize operational, financial and innovation benefits.

*Remember: It is a JOURNEY!*
Who are the forerunners?
What were the outcomes?

“Cut operating costs by up to 50%”

“Reduced its server count by ~95%”

“2 weeks vs. 3 hours to provision infrastructure”

“Created new revenue stream and transformed customer service,“

“3000 man hours per week saved by operations team”
You can begin today!

IBM is here to walk with our clients. Talk to us today and book an appointment.

Digital Transformation
IT Strategic Planning
HA Assessment Workshop

Discover  Design  Deploy

Cloud Strategy
Security Risk Assessment
Analytics Strategy
“Creativity is seeing what everyone else has seen, and thinking what no one else has thought.”

gerard@sg.ibm.com