### **IBM SolutionsConnect 2015**

Seize the Moment.



### **Enterprise-grade Hybrid Cloud**

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Everything from this 1991 RadioShack ad exists in a single smartphone today!





# The Digital Economy is Driving Disruption Three Trends:

New apps are consolidating decision making capabilities at the fingertips of people who need to act.

Insight from nontraditional data is being used in business critical processes so businesses can create new moments.

Technology solutions are composed leveraging digital services from a broad ecosystem so businesses can do what they do best.







Front-line decision making

Real time insightdriven processes Ecosystem-based Innovation

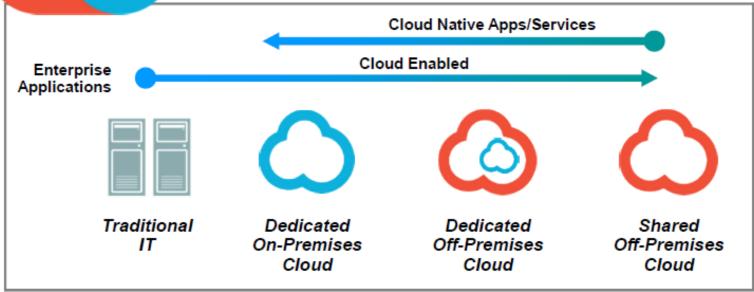


#### **Hybrid Cloud is the way forward**

Hybrid Cloud

The secure consumption of services from two or more sources, including private cloud, public cloud, or traditional IT, to enable any or all of the following:

- Integration of applications, data, and/or services
- · Composition, orchestration and management of workloads
- · Portability of data and applications



Choose the right mix based on the workloads





# Digital transformation requires the new Hybrid Cloud, which is more than the sum of its parts

It's about a universal hybrid cloud that is open by design, with the freedom to choose and change your environments, data and services while achieving clear operational visibility and security.



Composable Apps & Services



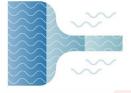
**Hyper Portability** 



Data Services & Localization



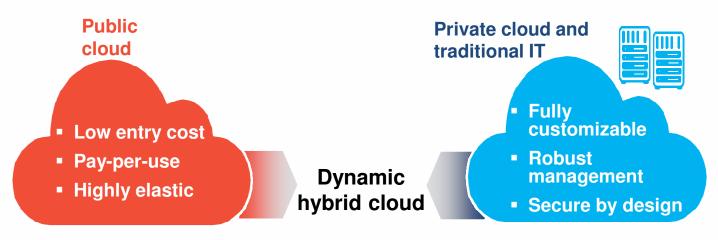




**Operational Visibility** 



## Dynamic hybrid cloud seamlessly combines the best of both worlds with better outcomes

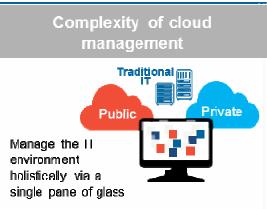


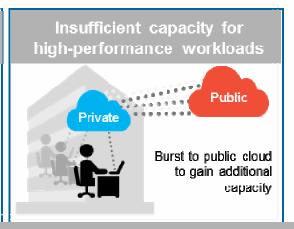
- ✓ Maximize return on existing IT investments
- ✓ Match workloads to best-fit infrastructure
- ✓ Hit the right balance of risk to speed
- Meet seasonal capacity without capital expense
- ✓ Innovate and add new capabilities quickly



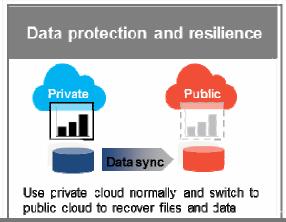
#### Hybrid clouds are solving a variety IT concerns

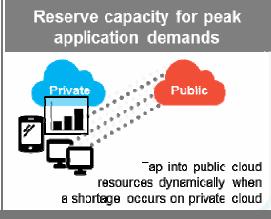


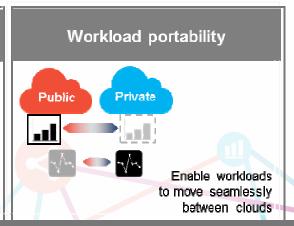




Able to be implemented quickly, without infrastructure or application changes







More complex deployment, possibly requiring infrastructure or application changes



# Moving to a hybrid enterprise infrastructure optimized for cloud, analytics, mobile and social can be achieved in four key steps

Transformation continuum for the next-generation data center

## Consolidation and integration

- Rationalization and virtualization of resources
- Lower costs
- Increased utilization

## Optimization and standardization

- Establishment of service and workload standards
- Deployment and management simplified via standardization

## Simplification and automation

- Manual tasks replaced with automation
- Faster provisioning and management
- Self-service capabilities via a standard catalog of services
- Substantial savings in labor costs
- Readiness for hybrid cloud

## Dynamic optimization

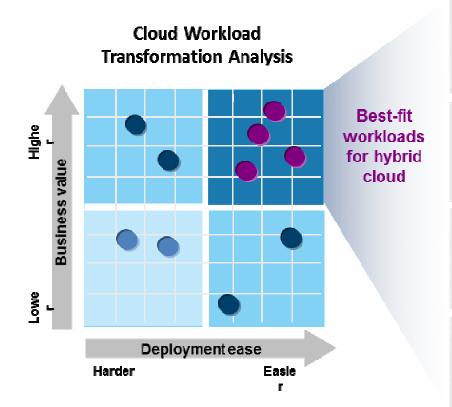
- Fully-integrated, software defined environment
- Dynamic orchestration of resources and workloads
- Dynamic adaptation of IT to a changing market
- Optimized environment for dynamic hybrid cloud!

Complex, labor-intensive, limited...

...Agile, open and rapidly scalable



# Begin building a roadmap to hybrid cloud by objectively analyzing your business and IT priorities, requirements and current workloads



#### Hybrid cloud increases workload options

- Development and test
- Analytics workloads
- Cloud-native applications



- Client-facing business applications
  - Web, mobile and social applications



- Core back-office business applications
  - Finance and accounting
  - HR and procurement
- Transaction and batch processing workloads
  - Sensitive and highly customized workloads







#### Why IBM for dynamic hybrid cloud?

#### **Experience that matters!**

- 9,000+ cloud engagements, with more than 5,000 on private cloud
- 10 IBM data centers exclusively dedicated to cloud
- 3,000 IBM field experts supporting cloud
- 13 cloud development labs around the world
- 5.5M client transactions and 2B client documents exchanged daily on IBM's B2B cloud
- 1M users and 300,000 client-based communities connected globally via the IBM Cloud

#### Capabilities that matter!

- Flexible deployment options
- Software defined environment
- Pre-integrated infrastructure, provisioning and management
- Open standards
- Reusable workload patterns
- Industry-leading service level agreements
- Single-pane-of-glass management

#### Infrastructure that matters!

- Scalable, flexible, resilient hardware and software for cloud
- Security-rich, enterprise-class virtual systems environment
- Highest levels of resource sharing, I/O bandwidth, and system availability
- Ability to add hardware with little or no disruption
- Nearly 100 percent utilization of system resources nearly 100 percent of the time



## IBM Global Financing and IBM Cloud



<b>Cloud Strategies</b>	Where IBM Helps	Payment Options to Explore
Think it: Strategize how to use cloud to drive revenue growth and efficiencies	IBM Cloud Consulting Services	Accelerate time to value  "I want to start now and optimize my return on investment."  Choose from competitive loans or leasing options to finance your cloud environment. Flexible payment options can help accelerate your project's cash-flow break-even point and lower total cost of ownership (TCO).
Build it: Build and run your own private or hybrid cloud	IBM Cloud Technologies	Consolidate funding  "I want to fund all my IT technology needs through one source."  For all your cloud IT requirements, consider a customized financing structure to coordinate your project funding through a single source, including consulting, hardware and software from IBM and IBM Business Partners.
Tap into it: Utilize cloud services delivered from IBM Cloud	IBM Cloud Services	
		Gain financial flexibility  I want funding that preserves my cash flow and aligns with my business cycle.  Choose an ideal payment structure based on your sales and business calendar, whether you opt for predictable payments each month or want to align your project costs
		to anticipated key milestones through a customized plan.

Seize the Moment.



# Understand the key takeaways and get started on your own path to dynamic hybrid cloud

- Hybrid cloud is essential to business agility and your ability to capitalize on the latest mobile, social, analytics and security technologies.
- The next-generation data center paves the path to hybrid cloud by providing an infrastructure capable of dynamic orchestration and optimization.
- IBM has a full portfolio of services to facilitate the journey to hybrid cloud and the underlying infrastructure transformation.





