DMX DMX TECHNOLOGIES

DMX India helps KDDI rollout Global CloudPlatform Service

The Vision

KDDI wanted to provide cloud data center services, to enterprise customers from their global Telehouse datacenters. The first step towards this service offering was to provide the target customers with IaaS (Infrastructure-as-a-Service), from 3 of its global datacenters (New York, Paris and Singapore)

Using the IaaS approach KDDI wanted to equip the customers to own, host and Self-provision their compute and storage resources. The idea was to guarantee increased infrastructure performance and security through hassle free services where each infrastructure component is provided as a service along with flexible offerings to access infrastructure from anywhere, any location on any device.

The Solution

KDDI selected Citrix CloudPlatform, powered by Apache CloudStack, because it is an open platform with the flexibility and the product capabilities KDDI needed to deliver a powerful, proven, hypervisor-agnostic platform that helps customers of all sizes use true Amazon-style clouds.

How did DMX India help?
Along with CloudStack deployments at multiple locations, DMX India developed a robust dashboard overlaying CloudStack portal to allow KDDI to define customer specific services. Additionally, DMX India provides 24*7 support across all locations globally.
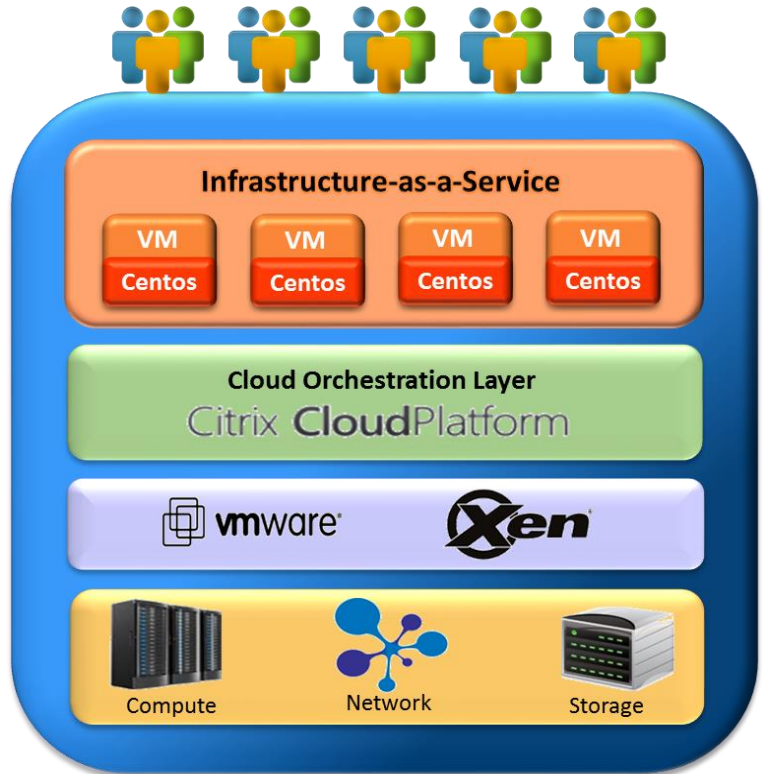
The first Cloud Implementation for IaaS offerings rolled out in 2013 at Telehouse - KDDI New York datacenter. **KDDI America** started with **Xen Server based virtualization.**

Soon after, in the same year **KDDI France** took a step ahead and implemented **VMware (ESXi 5.1)** based cloud at Telehouse - KDDI Paris datacenter.

Later in 2014, keeping pace with the latest technology, **VMware (ESXi 5.5)** based cloud with 64 bit OS Support was deployed at Telehouse - KDDI Singapore datacenter, in **KDDI Singapore**

KDDI America

KDDI Singapore

KDDI France

*"More than one-half of CIOs globally now consider cloud IaaS an option for new projects, with 10% of them having a **cloud-first** policy for IaaS."*

KDDI is a leading provider of international IT and communications services, headquartered in Tokyo. With offices in over 55 cities around the world–and a fiber network backbone that spans 170 countries in the Americas, Europe and throughout Asia Pacific–KDDI delivers high-speed, end-to-end connectivity for today's global businesses.

Add-on service differentiator provided by DMX India:

✓ Premium Servers Concept – *Premium customers can opt for dedicated servers instead of sharing a public VM instance*

✓ Integrated Dashboard – *unified dashboard to seamlessly access Cloud Portal Features and DMX Portal Features*

✓ HA implementation for Premium servers – *by allocation of an entire HA server when the Premium sever goes down, instead of server sharing from the public VM pool*

✓ Customized Reports on Accounting and Billing – *reporting system to generate business critical reports, making it easier for the customer to keep track of computing resources in the Infrastructure*

Cloud Deployment

DMX is Asia's leading IT enabler and provider of Network, IT and digital media software & solutions.
DMX a part of KDDI group, is headquartered in Hong Kong , with a wide presence across 8 countries in Asia-PAC region.

Services by DMX India
Portal Development & Customization
Portal Deployment
24 * 7 Support

The Payoff

For KDDI Customers

➢ Easy to use Self-Service Portal

➢ Self-provisioning of VALUE VM instances as well as Premium Servers

➢ HA functionality for both shared VM pools and dedicated servers

➢ Quick data migration at peak business hours within seconds, without causing any business loss

➢ Reduced TCO with the pay per use / pay per go subscription based model approach

➢ Shift in cost from Capital expense (Capex) to Opex (Operational expense) for enterprises

For KDDI

➢ Lessened workload for operations helped KDDI handle its new accounts with ease

➢ A significant increase in Customer satisfaction and New businesses