

Accelerating the journey towards service-based agile infrastructure

Adaptive data center (ADC)
powered by Equinix



Business Challenges

01

Lack of Standardization

Need for visible and accessible IT catalog based on validated and approved reference architecture with a rich partner ecosystem.

02

Management Silos

Need for single pane of glass to provide management with visibility into key IT performance indicators.

03

Declining IT Budget

Need for low cost, pay for use with flexible terms to provide continuous technology innovation against diminishing IT budgets.

04

Faster Go-To-Market

Need to accelerate speed to market to maximize business opportunities and stay competitive.

05

Embedded Security

Need to address the security challenges, enabling the safe operation of applications and safeguarding the technology assets to mitigate risks.

Introduction

Adaptive Data Center (ADC) is a globally consistent solution that delivers a ready-to-run, fully integrated, enterprise-grade hybrid cloud solution built on Platform Equinix®. It provides consumption based as-a-service model built on Infrastructure-as-a-Service (IaaS) capability allowing optimal choice and flexibility while removing the need of upfront CAPEX. It is always-on pay-per-use hybrid cloud solution that brings agility, predictability and faster time to market, hence accelerating the customer's transformation process.

Solution Overview



Hybrid cloud solution that maximizes the benefits of software-defined infrastructure (SDI), offering flexibility, scalability, and programmability



Enabled with Platform-as-a-Service (PaaS)/Containers-as-a-Service (CaaS) solutions and DevOps platform



Platform based model that delivers a connected cloud with a single management portal and integrated hybrid orchestration engines



Richest choice of low-latency, highly secure, seamless on-demand connections to 1,800+ networks and 2,900+ cloud and IT companies



Seamless connectivity with Public cloud - AWS, Azure, Google and others, using Equinix Cloud Exchange Fabric®



Standardized and validated reference architectures

ADC Insights

Flexible

- Blended hosting options (utility dedicated)
- Choice of service levels (platinum, gold, silver, bronze)
- Flexible pricing option (pay-as-you-go)



Secured

- Infrastructure security (server and network)
- Data security
- Compliance
- Data protection



Integrated

- Software defined data center
- IaaS
- PaaS
- Seamless connectivity to public cloud



Managed

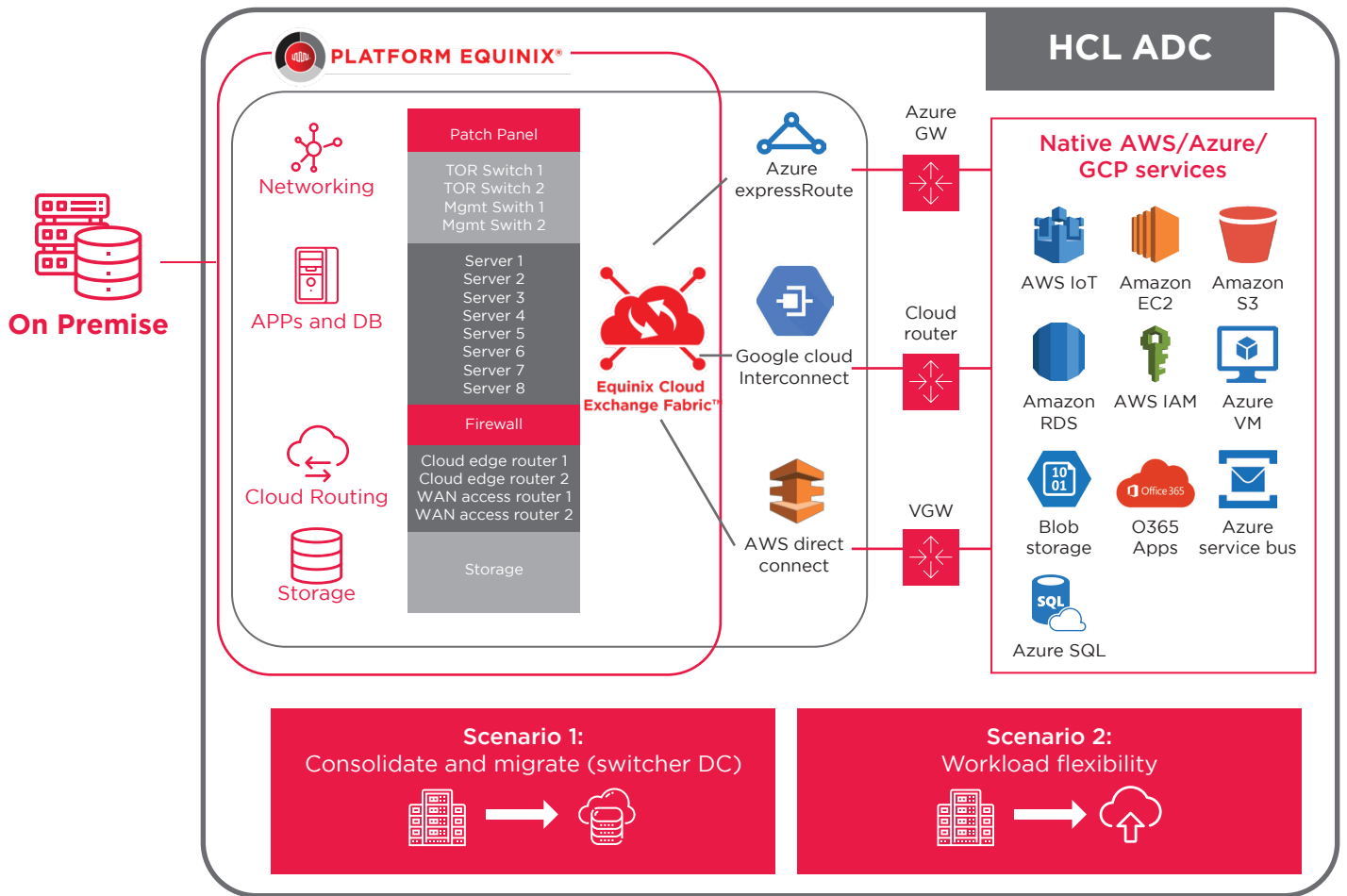
- Visibility and control
- Self service portal
- Monitoring
- Notification
- Multiple sites across Europe
- Service catalogue with service description documents



Delivering a Competitive Edge with Equinix

To achieve scale, agility, capacity and performance, digital businesses around the globe are interacting with each other. The right interconnection strategy has the power to make business ambitions a reality. Equinix, with strong global reach, technology partner ecosystem, and consistent service excellence across regions, provides carrier neutrality, connectivity to multi cloud environment and data centers providing a secure meeting place for the world's financial community, e-commerce platforms, healthcare institutions and various media and entertainment companies.





HCL and Equinix teamed up to offer a joint solution by building Adaptive Data Center on Platform Equinix. The joint solution will enable customers to securely deploy, directly connect, effectively scale their infrastructure and accelerate their digital transformation.

ADC Benefits



Off-the-shelf ready solution stacks with standard reference architecture



Automation and orchestration to transform business, and making them lean and agile



Utility consumption-based pricing models



Faster migration and onboarding



Ease of management with single pane of glass



Scalable and cloud ready

Service Options



Platinum
Mission Critical "5 nines"



Gold
Highly Critical "4 nines"



Silver
Critical "3 nines"



Bronze
Non Criticals "2 nines"

Service Catalogue



Choice of enterprise-class products and features



Convenience of termination



Flexible commitment options



Standard configuration size



HCL validated reference architecture



Dynamic vendor selection based on their service cost at the time of consumption



Disparate chargeback and governance models

ADC Use Cases

ADC enables innovative use cases that can be maximized by enterprises looking for an agile, service-based infrastructure. Some of its prominent use cases include hybrid cloud solutions like:



VMware cloud on AWS/Azure/Google Cloud



Workload flexibility



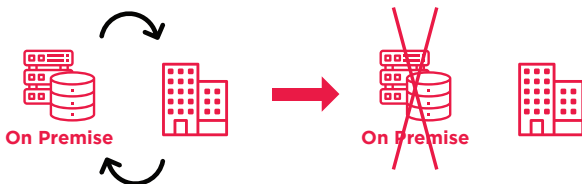
Self-service portal



Switcher data center

Switcher Data Center Use Case

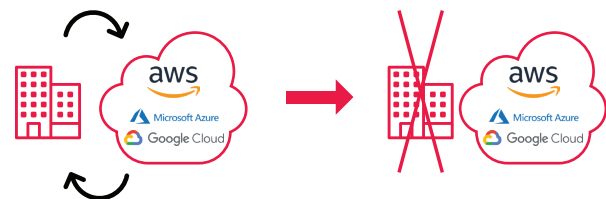
Step 1: On Premise to adaptive DC



Workload migration from On premise to Adaptive DC

On Premise is now cut over once the workload migration is complete

Step 2: Adaptive DC to public cloud



All the identified workload is to be migrated from ADC to public cloud

ADC is now cut over once the workloads are migrated seamlessly to public cloud

Why HCL?



Recognized as a leader in Gartner DCO & HIMS MQ in Europe since the last 5 years



Delivering end-to-end services to enterprises covering consulting, migration and operations



Rich partner ecosystem offering optimal choice among enterprise-class products and features



Dedicated Centre of Excellence team helps customers to adopt ADC with confidence

Enabling Innovation with Ecosystem Collaborations



EQUINIX

NUTANIX

COHESITY

NetApp



Google Cloud

DELL EMC

Hewlett Packard Enterprise



rubrik



Microsoft



Microsoft Azure



PURE STORAGE

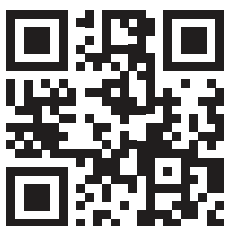
For any further information/queries, please write to us at ITO@hcl.com or ngdc-pmg@hcl.com

HCL

HCL Technologies (HCL) empowers global enterprises with technology for the next decade today. HCL's Mode 1-2-3 strategy, through its deep-domain industry expertise, customer-centricity and entrepreneurial culture of ideapreneurship™ enables businesses to transform into next-gen enterprises.

HCL offers its services and products through three lines of business - IT and Business Services (ITBS), Engineering and R&D Services (ERS), and Products & Platforms (P&P). ITBS enables global enterprises to transform their businesses through offerings in areas of Applications, Infrastructure, Digital Process Operations, and next generation digital transformation solutions. ERS offers engineering services and solutions in all aspects of product development and platform engineering while under P&P. HCL provides modernized software products to global clients for their technology and industry specific requirements. Through its cutting-edge co-innovation labs, global delivery capabilities, and broad global network, HCL delivers holistic services in various industry verticals, categorized under Financial Services, Manufacturing, Technology & Services, Telecom & Media, Retail & CPG, Life Sciences, and Healthcare and Public Services.

As a leading global technology company, HCL takes pride in its diversity, social responsibility, sustainability, and education initiatives. As of 12 months ending on June 30, 2020, HCL has a consolidated revenue of US\$ 9.9 billion and its 150,000 ideapreneurs operate out of 49 countries. For more information, visit www.hcltech.com



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