



MULTILINGUAL HYBRID CLOUD AND DR SOLUTION

Optimizing hybrid cloud and disaster recovery with a global platform

Challenges

As digital transformation drives the distribution of services and controls closer to customers, employees, partners and ecosystems, multichannel networks and enterprises in mainland China are replicating their IT architecture to other regions to build a digital edge solution.

In China, disaster recovery (or active-active) sites must adhere to audit and regulatory compliance directives, and localized global disaster recovery planning (DRP) and business continuity planning (BCP) are becoming crucial.

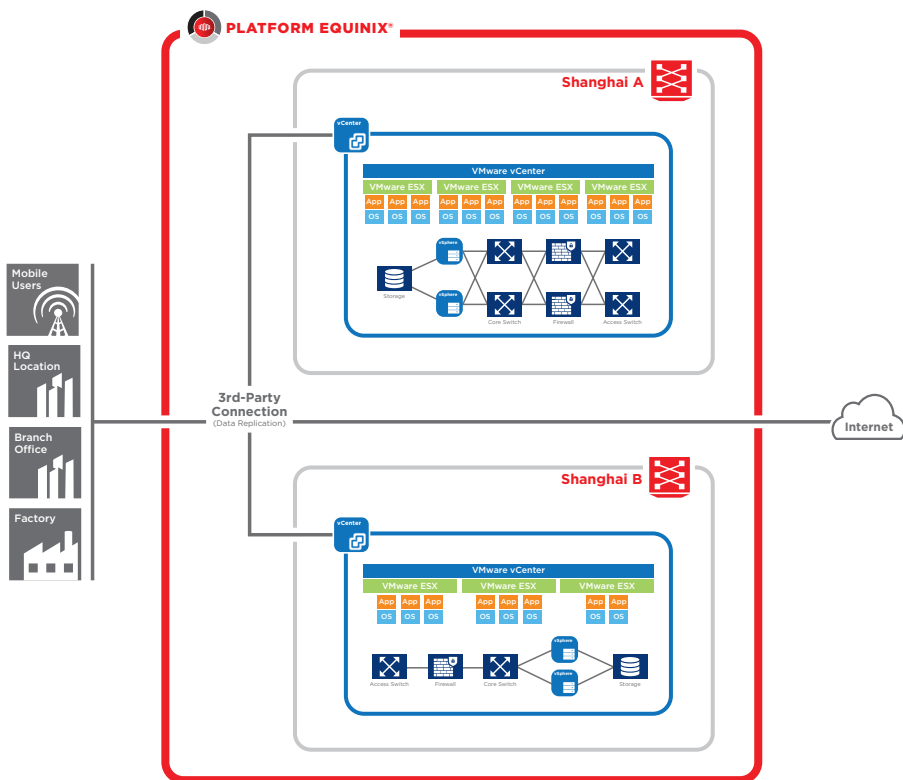
Local regulations can present challenges because they may differ from and sometimes even conflict with an enterprise's global policy. Although private or hybrid cloud IT infrastructure simplifies architecture, multicloud management, network reconstruction and application renovation can also bring more technical challenges for the enterprise's China IT team.

Solutions

To help enterprises overcome these challenges, Equinix and Flyingnets have partnered to offer a solution that offers a unified data platform over a hybrid cloud architecture, complete with backup and disaster recovery (DR) services.

Hosted on the Flyingnets private cloud platform, the Flyingnets DRP/BCP as a Service leverages Platform Equinix® to ease multisite deployment for data redundancy in the cloud across a metro or globally—without affecting applications. By migrating the DR destination to the hybrid cloud, the solution assures enterprises of data sovereignty, integrity and security. With Platform Equinix, the solution offers:

- Resiliency and uptime essential to mission-critical requirements.
- Hosting and private cloud platform construction, including network, security and server virtualization.
- Backup DR platform construction, including data sync and a confirmed recovery point objective (RPO) and recovery time objective (RTO).
- 24/7 system maintenance, monitoring, daily operation and log management, and maintenance reports, etc.



Flyingnets Services 24/7

- Call center service
- On-site troubleshooting services
- Remote troubleshooting services
- Monitoring services

Benefits

Availability

The joint solution ensures enterprise IT system availability with a DR facility for a high uninterrupted service availability. With 200 International Business Exchange™ (IBX®) data centers on five continents and 99.9999% global uptime, Platform Equinix provides unparalleled access to 52 major markets to reach every destination on demand.

Compliance

Flyingnets supports enterprise business with a full range of local telecom licenses, including cloud, internet data center (IDC), MPLS and internet services, which can ensure compliance with China's telecom law and regulations. Equinix's Shanghai IBX data centers comply with local regulations and requirements, including GBT 20988, the information system DR regulation. Hosting is in physically secure Equinix data centers, which are also ISO, SOC and PCI certified, with data encrypted in transit and at rest.

Virtualization and DR

Flyingnets provides IT system virtualization consulting and architecting, infrastructure setup and configuration, network and compute resource reconsolidation, and physical server roles conversion. Virtualized DR as a Service (DRaaS) leverages a vast and scalable infrastructure, which enables the virtual access of assets and requires minimal or no hardware and software investments.

Planning and delivery analysis

Flyingnets analyzes customer DRP/BCP, with experienced understanding of local laws and regulations, to confirm verifiable RPO and RTO targets. It also plans and delivers DR site compute resources, data replication solutions, backup network connections and customer support for regular DR drills.

Hybrid cloud managed services:

- 24/7 status monitoring of network devices and connectivity.
- 24/7 troubleshooting service, with remote and on-site maintenance service.
- IT equipment and spare-parts services.
- Smart hybrid cloud management platform (CMP).
- Multilingual support in English, Japanese and Chinese.

Use cases

Network construction: WAN construction based on MPLS, IP-SEC construction and SD-WAN networks construction based on various circuits.

Private cloud construction: Construction of an exclusive private cloud for data redundancy.

Hybrid multicloud: Migrate legacy in-house environment to hybrid cloud, complete with DR services to ensure service uptime, reducing complexity with a single platform to connect a cloud ecosystem.

Distributed security: Mitigate risk by distributing and connecting security controls at points of business presence to improve security posture, while achieving compliant hosting and expanding the security perimeter.

About Equinix

Equinix, Inc. (Nasdaq: EQIX) connects the world's leading businesses to their customers, employees and partners inside the most-interconnected data centers. On this global platform for digital business, companies come together across more than 50 markets on five continents to reach everywhere, interconnect everyone and integrate everything they need to create their digital futures.

[Equinix.com](https://www.equinix.com)

About Flyingnets

Flyingnets is an internet service provider (ISP) with a global perspective, aiming to break the barriers between ISP and SI, public clouds and private clouds throughout mainland China and overseas. One of the leading companies in Shanghai, Flyingnets provides one-stop IT solutions.

[Flyingnets.com](https://www.flyingnets.com)

For more information on how Equinix and FlyingNets can increase your business agility and reach, contact Felix Yu at Felix@flyingnets.com.cn or visit www.flyingnets.com