

SOLUTION DATASHEET

VERIFIABLE DISASTER RECOVERY SOLUTION FOR CLOUD

Disaster Recovery Challenges

When it comes to disaster recovery (DR) preparedness, enterprises are often faced with lack of a comprehensive DR plan, need for recurring testing of their plan to ensure its effectiveness, and traditional architecture that is complex, redundant and expensive. While many maintain that they cannot afford to deploy a DR plan, none can afford to not have one that will protect critical assets in the event of a disaster.

- **Comprehensive Plan** — Enterprises encounter significant complexity when constructing a comprehensive DR plan. While it's relative to each organization, it is difficult to throw a net around everything that needs to be included in a DR plan and to effectively design and implement it.
- **Regular Testing** — For those enterprises that have a DR plan, there are even fewer that test their plan. Interruption of daily operations and lack of business continuity dissuade many enterprises from adhering to a recurring test schedule.
- **Traditional Architecture** — Traditional DR architecture is redundant and expensive, and can force IT managers to make decisions that limit the number of applications covered. For many enterprises, it is neither practical nor cost-effective to fully replicate everything that they have in production elsewhere.

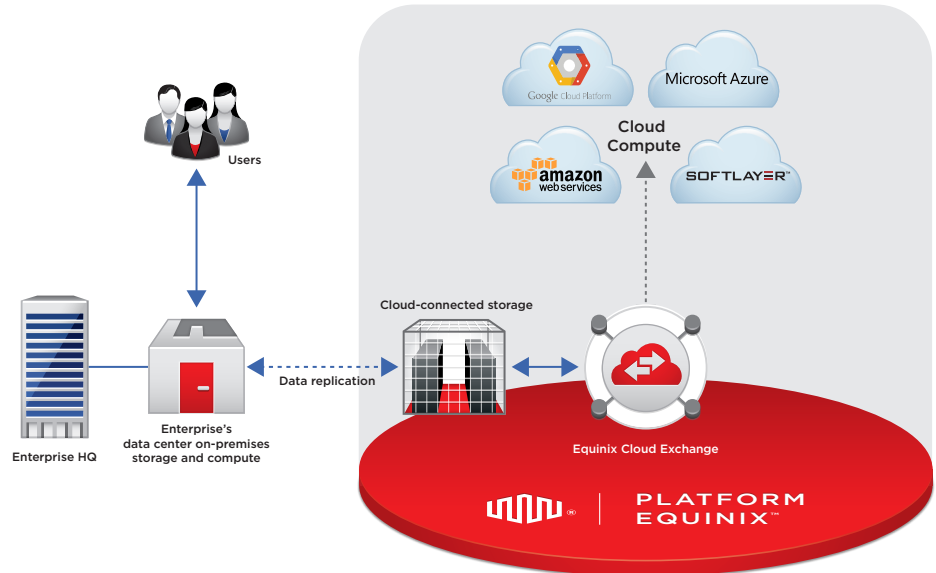


Figure 1 — Verifiable DR Solution

Benefits of a Verifiable DR Solution

The key to an effective DR solution is a verifiable plan that can be tested regularly — without disrupting business — to ensure its success during a disaster. The verifiable disaster recovery solution for cloud is comprised of Equinix Cloud Exchange™ (ECX) and an ECX compatible/cloud-enabled storage device in an Equinix International Business Exchange™ (IBX®) data center. What makes this disaster recovery architecture unique is the Cloud Exchange, an advanced interconnection platform that allows enterprises to pivot among various cloud service providers.

- **Multi-Cloud Implementation** — For most enterprises, the ability to switch among several cloud service providers in a DR scenario, rather than relying on a permanent connection to a single provider, is a requirement. The Cloud Exchange also helps maintain application performance because of its close proximity to cloud service providers.
- **Test Without Disruption** — Enterprises can test their plan and run off of their DR resources in a way that is transparent to users and nondisruptive. With regular testing and validation of the DR plan, enterprises can be confident that they can fully recover their IT systems in the event of an outage.
- **Reduced Cost and Complexity** — The verifiable DR solution for cloud reduces complexity and footprint redundancy, which lowers CapEx costs. And with less complexity, enterprises don't have to choose which critical applications to cover.
- **Business Continuity** — The ability to turn up a connection in minutes is a key advantage of a verifiable DR solution for cloud. This includes dynamic provisioning and interconnectivity to networks, services and cloud providers needed to maintain business operations while the solution is engaged.

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Solution Overview

Equinix provides enterprises with a cost-effective, verifiable DR solution that can be tested regularly without interrupting business operations. The solution ensures continuity should disaster strike a network, data or facilities. Today many enterprises have a basic DR setup that is not really verifiable. The verifiable DR solution for cloud using Cloud Exchange gets them from just checking a box saying they have the DR plan to being confident that it will actually work.

Solution Components

- **Equinix Cloud Exchange** — ECX provides enterprises with on-demand connectivity to the cloud only when necessary, thereby reducing investments in additional CapEx resources to create a DR solution.
- **Equinix Professional Services** — Equinix Professional Services offers practical guidance in creating a comprehensive DR plan, while configuring the cloud access ports for compute in AWS, Microsoft Azure, Google, and other cloud service providers.
- **Equinix IBX Data Center** — Equinix IBX data centers provide access to vital ecosystems where enterprises and business partners interconnect to each other and to more than 1,400 network service providers and 500+ cloud service providers in 40 world metros. Equinix helps keep enterprises going by providing a rock-solid foundation for their data center infrastructure.
- **Cloud-Connected Storage** — Cloud-connected storage located in an Equinix IBX data center allows enterprises to gain easy access to their data and secure connections to leading cloud service providers without the need for costly and time-consuming data migration efforts.

About Equinix

Equinix, Inc. (Nasdaq: EQIX) connects the world's leading businesses to their customers, employees and partners inside the most interconnected data centers. In 40 markets across five continents, Equinix is where companies come together to realize new opportunities and accelerate their business, IT and cloud strategies. Equinix.com

Equinix Americas

Main: +1.650.598.6000
Email: info@equinix.com

Equinix EMEA

Main: +31.20.754.0305
Email: info@eu.equinix.com

Equinix Asia-Pacific

Main: +852.2970.7788
Email: info@ap.equinix.com

Solution Availability

The disaster recovery solution for cloud is available to customers in Equinix locations with Cloud Exchange connectivity to leading cloud providers.

