

DR planning, setup and monitoring are managed within Prism, so there is no learning curve.

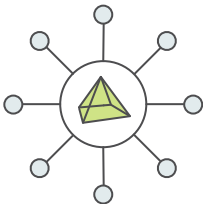
The Leap Service



Built-In



Instant Onboarding

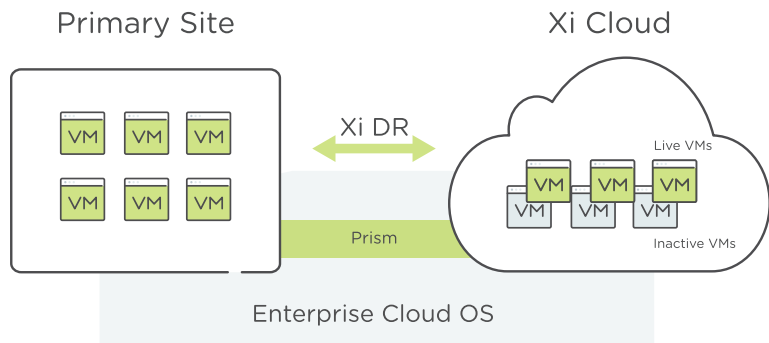


Centralized DR Management

Organizations are constantly under increasing pressure to provide always-on availability of applications and services. Meeting these expectations calls for an IT resilience strategy that protects against unexpected disruptions that can take services offline and disrupt business operations. Organizations must employ a DR strategy that does not merely protect data, but also provides fully automated failover and an ability to routinely test recovery plans.

However, many organizations remain daunted by the cost and complexity associated with operating a secondary datacenter for DR purposes. DR-to-cloud solutions offer attractive economics, but adoption is often hindered by the complexity involved in migrating workloads between the datacenter and public clouds.

The Leap Service offers a fully integrated DR-to-cloud solution that rapidly and intelligently protects the applications and data in your Nutanix environment without the need to purchase and maintain a separate infrastructure stack. By utilizing the same platform on-premises and in the recovery site, Leap fully eliminates the need for complex translation of constructs, policies and data models across environments.



BUILT-IN DISASTER RECOVERY

Leap is natively built-in to the Nutanix Platform, eliminating the need to painstakingly fuse multiple products to protect your environment. DR planning, set up and monitoring are managed within Prism, so there is no learning curve.

INSTANT PLANNING & ONBOARDING

Onboarding is done in 3 simple steps:

- 1. Xi Account creation** - Use an existing MyNutanix ID to create a Xi account
- 2. Replication policies** - Setup rule-based, VM-centric protection policies and selectively protect specific workloads based on recovery point objectives (RPO) requirements
- 3. Recovery plan** - Create automated plans for recovery of workloads, controlling boot sequencing of virtual machines. Custom scripts can be included in recovery plans to automate any set of actions such as VM customization or firewall configuration

NATIVE EXTENSION BETWEEN CLOUD ENVIRONMENTS

As a native extension of the Nutanix Enterprise Cloud Platform, Leap ports workload profiles, including VM, networking and security configuration to the recovery site, reducing setup time and streamlining failover processes

- **Extension of on-prem networks** - Leap eliminates the complexity of setting up VPN tunnels and routing protocols in order to enable reachability between the on-prem and cloud networks. Leap discovers the on-prem network topology and allows customers to extend their network into the cloud in a few clicks.
- **IP address preservation** - Leap eliminates the need for complex IP address mappings by fully preserving network topology and workload IP addresses during recovery in the Xi cloud.
- **Migration of security policies** - Leap dynamically discovers network security policies that govern communication flows between applications in the primary environment and applies those policies during the recovery process.

NON-DISRUPTIVE TESTING AND CLEANUP

Leap offers non-disruptive testing, enabling organizations to routinely examine their DR readiness and achieve regulatory compliance. Network-isolated testing environments are dynamically spun up upon user instruction to test the entire recovery process without impact to the primary environment. Test environments are automatically cleaned up upon test completion, eliminating the need for manual intervention.

AUTOMATED FAILOVER AND FAILBACK

Leap provides disaster recovery orchestration to achieve reliable execution of failover and failback processes. In addition, Leap enables partial failover of applications for server maintenance or during rack failures. Network connectivity and common management between environments are preserved, allowing customers to manage the source and target sites as a single environment.

END-TO-END SECURITY

Leap features a comprehensive security suite that provides full isolation and protection of customer workloads against attacks and theft. Security capabilities of Xi cloud services span across the following dimensions:

- **Data security** - All customer data, at-rest and in-flight, is always encrypted using unique customer specific keys and strong crypto standards (AES-256).
- **Network security and isolation** - Applications run in customer specific virtual networks that are fully isolated from other customers' virtual networks. Customers can selectively grant public Internet access to specific workloads. Customers can also define micro-segmentation policies to inspect and control communication flows between applications.
- **Identity and access management** - Leap supports Single Sign On (SSO) authentication by integrating with Active Directory Federation Services (ADFS). Customers can enable two-factor authentication and granularly control user privileges for additional security.



T. 855.NUTANIX (855.688.2649) | F. 408.916.4039
info@nutanix.com | www.nutanix.com | @nutanix



Non-Disruptive
Testing



One Click
Failover



End-to-End
Security

Nutanix makes infrastructure invisible, elevating IT to focus on the applications and services that power their business. The Nutanix Enterprise Cloud Platform leverages web-scale engineering and consumer-grade design to natively converge compute, virtualization and storage into a resilient, software-defined solution with rich machine intelligence. The result is predictable performance, cloud-like infrastructure consumption, robust security, and seamless application mobility for a broad range of enterprise applications. Learn more at www.nutanix.com or follow us on Twitter @nutanix.

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