

# Xi Leap Disaster Recovery as a Service

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



Built-In



Instant Onboarding

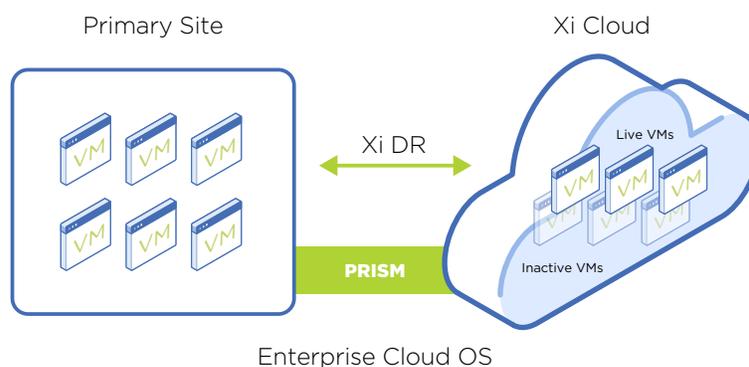


Centralized DR Management

Organizations are under increasing pressure to provide always-on availability of applications and services. Meeting these expectations calls for an IT resilience strategy which protects against unexpected disruptions that can take services offline and disrupt business operations. Organizations must employ a disaster recovery (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.

Nutanix's Xi Leap Disaster Recovery as a Service (DRaaS) offers a fully integrated DR-to-cloud solution which 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, Xi Leap fully eliminates the need for complex translation of constructs, policies and data models across environments.



## BUILT-IN DISASTER RECOVERY

Xi Leap is natively built into Nutanix AOS, eliminating the need to painstakingly stitch together multiple point products to protect your environment. DR planning, setup, and monitoring are managed within Prism, so there is no learning curve.

---

## INSTANT PLANNING & ONBOARDING

Onboarding is done in 3 simple steps:

- **Account Creation**  
Use an existing MyNutanix ID to create a Xi Leap account.
- **Protection Policies**  
Setup rule-based, VM-centric protection policies and selectively protect specific workloads based on recovery point objectives (RPO) requirements.
- **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 Nutanix AOS, Xi 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**  
Xi Leap eliminates the complexity of setting up VPN tunnels and routing protocols in order to enable reachability between the on-prem and cloud networks. Xi Leap discovers the on-prem network topology and allows customers to extend their network into the cloud in a few clicks.
- **IP address preservation**  
Xi 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**  
Xi 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



One-click Failover

---

## NON-DISRUPTIVE TESTING AND CLEANUP

Xi 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

Xi Leap provides disaster recovery orchestration to achieve reliable execution of failover and failback processes. In addition, Xi 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

---

### END-TO-END SECURITY

Xi Leap features a comprehensive security suite that provides full isolation and protection of customer workloads against attacks and theft. Security capabilities of Nutanix 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**

Xi 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](mailto:info@nutanix.com) | [www.nutanix.com](http://www.nutanix.com) | [@nutanix](https://twitter.com/nutanix)