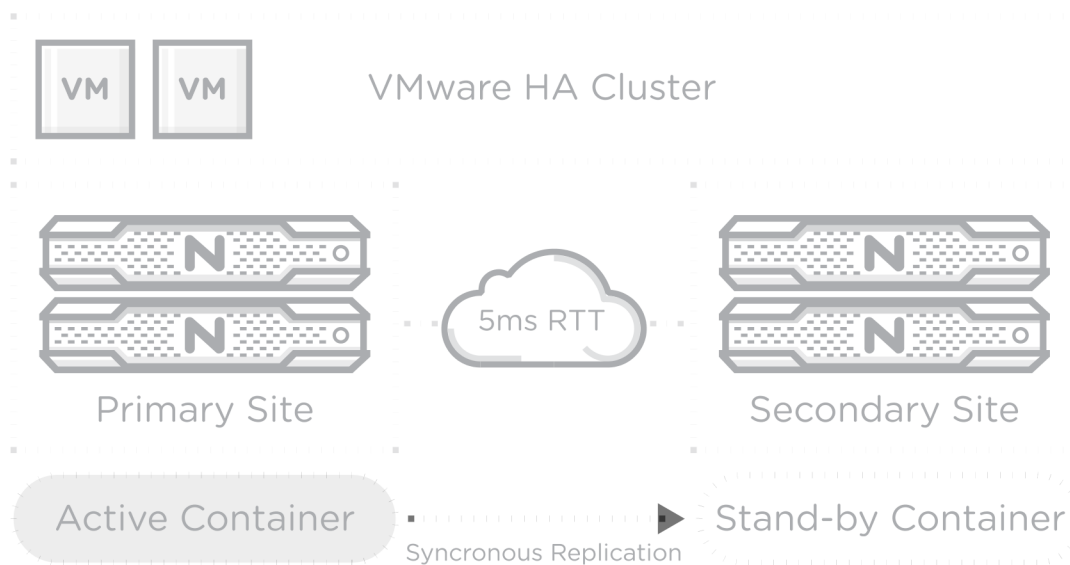


Nutanix Metro Availability

- ✓ Continuous availability of applications and data
- ✓ Real-time copies of data across two datacenters
- ✓ Centralized and intuitive management via Nutanix Prism



Metro Availability synchronously replicates data to another site ensuring that a real-time copy of data exists at a different location. In the event of a disaster or a planned maintenance, virtual machines (VM) can failover from a primary site to a secondary site, guaranteeing near 100% uptime for applications. Metro Availability, along with Cloud Connect, Time Stream and Asynchronous Replication, enables comprehensive backup and disaster recovery strategies for all workloads, independent of individual service level agreements.

Metro Availability deployments include a cluster, running a common hypervisor, spanning across different sites. Storage containers in the clusters on the two sites are mapped so that data is written real time on both sites. When a primary site fails, a VM high availability event is triggered ensuring the VM starts on the secondary site without any data loss. In case of a planned maintenance, VMs are moved and reinitiated on the secondary site.

Metro Availability is configured and managed centrally using the Nutanix Prism interface. Once the systems are operational on each site, and the network is capable of 5ms round trip time, there are two choices for failing over to the secondary site. The Prism UI can be used to invoke a simple one-click site failover, and two-click fail-back. Alternatively, Nutanix REST APIs or PowerShell scripts can be used to manage fail over and fail back operations. This simplifies management significantly and lets administrators implement disaster recovery (DR) policies without any specialized skills or hardware.

Benefits

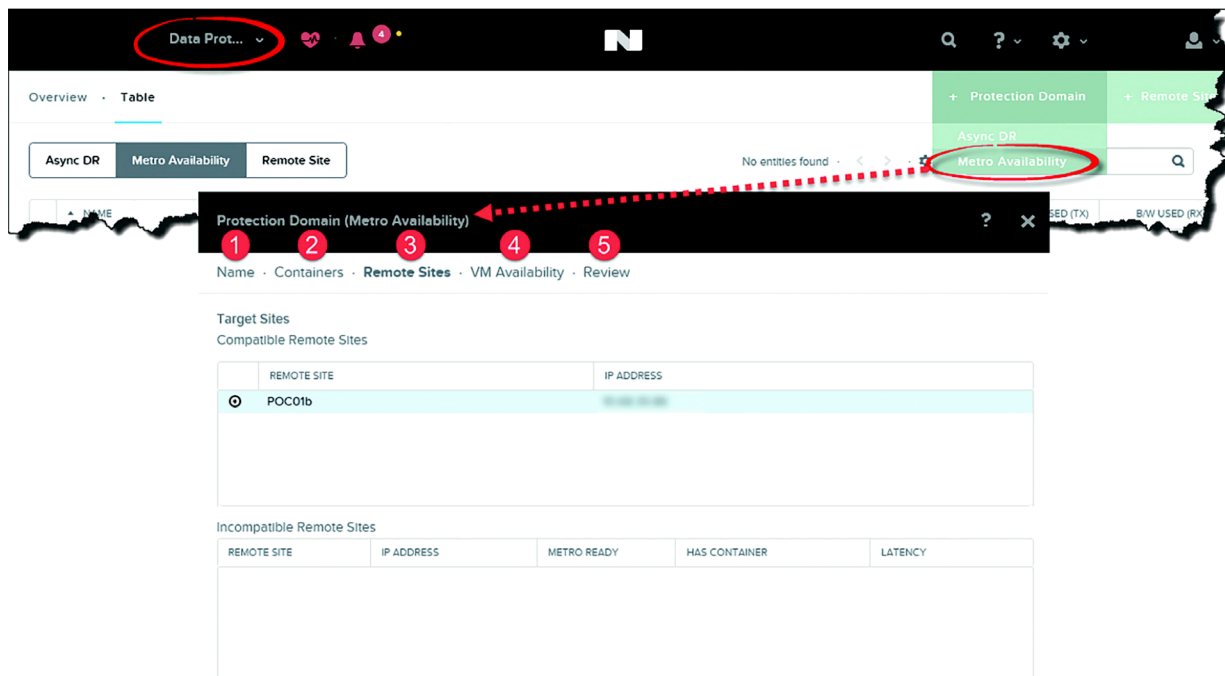
1. Continuous Availability of Applications and Data

- Disaster Recovery: Zero RPO and near-zero RTO for an unplanned site outage or natural disaster, ensuring no data loss.
- Planned Events: Continuous data availability during planned events, such as site maintenance, software/hardware maintenance and data migrations/disaster avoidance.

2. Operational Simplicity

Metro Availability is easy to setup and manage, providing unrivaled operational simplicity that traditional DR solutions cannot deliver.

- No additional storage or software requirements
- VM-centric operations eliminates LUN masking, and zoning, and reduces cabling complexity
- Centralized management using Prism provides uncompromisingly simple management - five-click setup, one-click failover and two-click failback with end-to-end automation support
- Simplified hardware setup without the need for like-to-like hardware requirements across sites.
- Over-the-wire efficiency with data compression



Metro Availability Setup

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About Nutanix

Nutanix is the leader in hyper-converged infrastructure, natively converging compute and storage into a single 100% software-driven solution to drive unprecedented simplicity at lower costs in the datacenter. Customers run any application, at any scale with predictable performance and economics. Learn more at www.nutanix.com or follow up on Twitter [@nutanix](https://twitter.com/nutanix).