

Virtual Desktop Modernization

EUC Disaster Recovery & Multi-site Deployment

BENEFITS

- Implement an existing multi-site design to speed deployment of the desktop and application virtualization solution
- Mitigate risk and accelerate time to value by leveraging the expertise and knowledge of our consultants
- Learn from our comprehensive project documentation and detailed knowledge transfer session

OVERVIEW

The End User Computing (EUC) Disaster Recovery (DR) & Multi-site Deployment service focuses on collaborating with customers to configure desktop and application virtualization management infrastructure for proper operations in a multi-site environment. The service also ensures optimal active-passive and active-active solution performance.



A certified Nutanix consultant configures the EUC management infrastructure according to an existing design to ensure that solution requirements are met while adhering to Nutanix- and industry-recommended practices. Our experienced consultant also minimizes time to bring the infrastructure online.

SERVICE SCOPE

Configure and validate the management infrastructure to support multi-site configurations, including active-passive and active-active architectures.

This fixed-outcome service is comprised of 2 different scopes depending on the delivery infrastructure required and your needs.

Active-Passive Disaster Recovery:

For customers who want a DR solution with a DR site taking over from a primary site via a failover process. Active-passive DR is primarily used to support persistent desktop environments.

PREREQUISITES

- Existing multi-site design detailing the expected behavior of the sites and operational considerations
- Control plane infrastructure at the sites already deployed as per the design
- Nutanix infrastructure at each site already deployed as per the design
- Software licensing for all products used in the design (e.g., Files, PeerSync, etc.)

Note: The service doesn't include custom scripting. If you need custom scripting, you'll need a custom SoW.

Deployment includes:

- Review and validate EUC DR plan design
 - Review requirements, constraints, risks, assumptions
 - Review recovery point objective (RPO) and recovery time objective (RTO) requirements
 - Review inventory of virtual machines (VMs) to be protected
 - Review IP address remapping requirements
- Configure Async, NearSync or Nutanix DR between 2 sites
 - Configure Nutanix cluster remote site
 - Configure Async or NearSync protection domains (PDs)
 - Configure Prism Central availability zones
 - Configure Nutanix DR protection policies
 - Configure Nutanix DR recovery plans
- Review protection of SQL Server databases
 - Assist customer in configuring SQL mirroring, always-on availability group (AAG) or basic AAG (BAG) (optional)
- Configure protection of EUC control plane VMs
 - Protect Citrix Virtual Apps & Desktops Delivery Controllers, StoreFront servers, Workspace Environment Management (WEM) brokers, Enterprise Layer Manager (ELM) and Application Delivery Control (ADC) appliances
 - Protect VMware Horizon connection servers, composer servers, app volumes managers and Unified Access Gateway (UAG) appliances
 - Protect Nutanix Frame utility server
 - Protect NVIDIA License System (optional)
- Configure protection for existing EUC template VMs
- Configure replication for Nutanix Files
 - Protection configured by PD-based Async/Smart DR
- Validate failover plan for control plane, desktop and remote desktop session host (RDSH) VMs
 - Test failover of control plane, desktop and RDSH VMs
 - Test fail-back of control plane, desktop and RDSH VMs
 - Verify existing SQL infrastructure to support control plane infrastructure (requires existing SQL)

Active-Active Disaster Recovery:

For customers who want to deploy multi-site architectures with each site simultaneously supporting a subset of the users. Active-active DR is primarily used to support large-scale, non-persistent desktop environments.

Note: Active-active DR is not available with Frame.

Deployment includes:

- Review and validate EUC multi-site design
 - Review requirements, constraints, risks, assumptions
 - Review cross-site user failover requirements
 - Review RPO and RTO requirements for user data
 - Review inventory of VMs to be replicated, if any
- Configure Async, NearSync or Nutanix DR between 2 sites
 - Configure Nutanix cluster remote site
 - Configure Async or NearSync PDs
 - Configure Prism Central availability zones
 - Configure Nutanix DR protection policies
 - Configure Nutanix DR recovery plans

DELIVERABLES

- Project schedule
 - Project status reports
 - Requirements Gathering Workshops
 - Architecture Requirements & Design documents
 - Configuration Workbook
 - As-built documents
 - Project close out
- Configure replication for existing EUC template VMs
 - Protect NVIDIA License System (optional)
 - Configure replication for Nutanix Files using either PD-based Async DR, Smart DR or PeerSync, if required by design and customer has licensing
 - Review replication of SQL Server databases, if required by design
 - Assist customer in configuring SQL mirroring, AAG or BAG (optional)
 - Configure VMware Horizon cloud-pod architecture and global entitlements
 - Configure App Volumes volume groups to support AppStack replication, if required by design
 - Configure Citrix Virtual Apps & Desktops StoreFront aggregation
 - Review configuration of global server load balancing (GSLB)
 - Assist customer in configuring GSLB or Global Traffic Manager (GTM) features, as required by existing design
 - Validate site failover plan for desktop users
 - Test failover of users from one site to the other
 - Failover of users to a different non-persistent desktop
 - Note:** Failover or migration of persistent desktops between control plane instances is not in scope (available via custom SOW, if needed)
 - Test failover for Nutanix Files between sites
 - Test failover for SQL Server databases, if required

TASK

	Active-Passive	Active-Active*
EUC DR and multi-site deployment	Typically 7-10 days	Typically 7-10 days

*Active-Active is not available with Frame

TERMS AND CONDITIONS

This document contains the entire scope of the service offer. Anything not explicitly included above is out of scope. This service offer is subject to the Nutanix Services General Terms and Conditions that can be viewed at <https://www.nutanix.com/support-services/consulting-services/terms-and-conditions>



T. 855.NUTANIX (855.688.2649) | F. 408.916.4039
info@nutanix.com | www.nutanix.com | [@nutanix](https://twitter.com/nutanix)

©2022 Nutanix, Inc. All rights reserved. Nutanix, the Nutanix logo and all product and service names mentioned herein are registered trademarks or trademarks of Nutanix, Inc. in the United States and other countries. All other brand names mentioned herein are for identification purposes only and may be the trademarks of their respective holder(s).