

VMware Active-Active Data Center Solution



Overview

The Active-Active Data Center Solution deploys storage resources across two data centers. A single storage system manages the resources of both data centers, and through data replication, copies are distributed across different data centers to ensure strong data consistency. This white paper provides an overview of a scalable, highly available, and load-balanced architecture for a VMware Horizon Virtual Desktop Infrastructure (VDI) solution for retailers that is deployed on Dell Technologies VxRail and VPLEX products. mo 2020 Dell Technologies Proven Professional Knowledge Sharing 2 The Dell Technologies Proven Professional Certification program validates a wide range of skills and competencies across. How to make Active - Active V-Center environment?

There are 5 Blades Servers in 3 Physical Chassis. The only way to achieve a "active-active" (well, sort of) design is by using vSphere Fault Tolerance. Hi, It's just sharing experience. In VMware vSphere environments, a common use-case for Active-Active replication is with the VMware vSphere High Availability. In this post, I'll discuss how VMware NSX-V and F5 BIG-IP DNS (prior known as F5 GTM) can be used together for Active/Active solutions where an application is spanning multiple sites and site-local ingress/egress for the application is desired. VMware Fault Tolerance - this seems like it would do the job as it provides 100% up time?



Article Content

Hot

VMWare NSX Active-Active Data Center Design with

Introducing NSX which will be complemented by global load balancer will help achieve active-active data center, not only that saves a lot on the infra

Jan 13, 2026 Hot

VMware App Mobility and Disaster Recovery Solution Overview

Data center modernization and hybrid cloud adoption projects benefit massively from a software-based approach to networking and security. VMware NSX's programmatic provisioning, operational

Mar 09, 2026 Hot

Demo: Multi-site Active-Active with NSX, F5 Networks

This post expands on my prior post, Multi-site Active-Active Solutions with NSX-V and F5 BIG-IP DNS. Specifically, in this post, deploying applications

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Data Center Design with Active Active design

An active active data center design can take on a number of technologies such as OTV, extensions with FabricPath and even LISP.

Oct 08, 2025 Hot

EMC VPLEX Doubles The Supported Distance Between

EMC has announced that it has doubled the distance supported for moving VMware vSphere vMotion workloads between active-active data centers

Aug 01, 2025 Hot

Azure updates | Microsoft Azure

This enhancement enables the migration of on-premises workloads with large virtual machine disks to Azure VMware Solution and supports ongoing operation of data-intensive workloads in Azure. The

Aug 11, 2025 Hot

Dell active-active solution: VXPlex | White Paper - Modernizing

Improve business availability Provide workload mobility and business flexibility
Reduce data center maintenance downtime Improve data migration Dell has several active-active initiatives, such as

Jun 11, 2026 Hot

Multi-site Active-Active Solutions: NSX-V and F5 BIG-IP

In this post, I discussed how VMware NSX-V and F5 BIG-IP DNS can be used together for an Active/Active solution for web applications spanning

Feb 25, 2026 Hot

ActiveCluster with VMware User Guide

This paper overviews configuration and best practices for using the Pure Storage FlashArray ActiveCluster feature with the vSphere Metro Storage Cluster solution. For specific best practices for

Nov 01, 2025 Hot

Interview: Active-Active Data Centers With VXLAN and EVPN

Christoph Jaggi asked me a few questions about using VXLAN with EVPN to build data center fabrics and interconnects (including active/active data centers). The German version was

May 25, 2026 Hot

Authoritative White Paper Shows How Active-Active Data Centers

Active-active solutions fully incorporate disaster recovery (DR) and backup into the build to solve the issues in IT equipment capabilities being inadequate to support the service continuity

Aug 08, 2025 Hot

vSAN Networking – Teaming for Performance

Pete Koehler Pete Koehler is a Product Marketing Engineer in the VMware Cloud Foundation division at Broadcom. He specializes in VMware

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Data Center Interconnect Design Guide for Virtualized

This implies that a single VMware vCenter server must span both data centers (vMotion is allowed only in the same vCenter domain). • The data storage

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A NSX-T active-active architecture

Providing a active/active NSX-T topology from the management and control plane point of view is not possible (yet). From a data-plane perspective

Nov 14, 2025 Hot

Multi-Site Pivotal Cloud Foundry Reference Architecture

- Active-active is two fully functional PCF platforms deployed and primed with applications to serve traffic in case of failure.
- An active-passive configuration, by contrast, features one platform deployment

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VMware vSphere Metro Storage Cluster Recommended Practices

VMware vSphere® Metro Storage Cluster (vMSC) is a specific storage configuration which is commonly referred to as stretched storage clusters or metro storage clusters. These configurations are usually

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AWS Builder Center

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Active-Active Data Center Design

Active-active data-center design requires architecture components of the network, storage, I4-I7 services, compute, and virtualization and application

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MULTIPLE ACTIVE DATACENTERS SOLUTION

Providing continuous availability and active-active infrastructure across two datacenters, it can support on the traditional server and Dell EMC storage. Ensure your mission-critical applications are always

Feb 18, 2026 Hot

Case Study | ATech | Active-Active Datacenter

Our technical expertise is well proven. Check out this VMWare vCloud Active- Active Datacenter solution case study we're proud of now while getting excited about

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Introduction to the Active-Active Data Center Solution

The Active-Active Data Center Solution deploys storage resources across two data centers. A single storage system manages the resources of both data centers, and through data

Jul 20, 2025

Contact Us

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