Uplift Azure Stack HCI Deployments to Zero Downtime

Discover ZeroDown Software's Ultra High Availability Solution with RPO=ZERO

Microsoft Azure Stack HCI powers many of the world's leading business-critical applications today. For these organizations, the cost of any downtime for critical applications running in the Azure Stack hyperconverged infrastructure can run to hundreds of thousands of dollars per hour, while prolonged outages can cost the business up to 12X more than the cost of downtime in overall shareholder value.

A New Reality: Beyond Disaster Recovery

So, clearly, anyone running Azure Stack HCI needs to overcome challenges such as cost, latency or data resync times and a way to resolve them quickly. The good news is that customers can now extend HCI features such as stretch clusters beyond traditional disaster recovery using a transformational ultra HA solution. Zero Down® Software is a powerful and cost-effective answer for Microsoft Azure Stack HCI deployments where transactional-level continuous availability is required, eliminating data loss while keeping businesses running seamlessly through planned or unplanned downtime events.

How does it work? ZeroDown's Always Available™ technology installed for Azure Stack HCI is a non-intrusive, agent-less, hardware-agnostic software solution designed to continuously journal and automatically sync every transaction across 1+n locations. If any application instance goes offline for any reason, the others continue to process at the data center or cloud of your choice.

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Business Impacts From Running ZeroDown

- **Maximize revenue** and competitive edge 24/7/365 eliminating business outages

- **Liberate IT skills** to deploy new applications and drive value without interruption

- **Future-proof the business** with effortless and failsafe migration to any cloud

Try for free and leverage cost-effective pay-as-you-go pricing

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Microsoft Azure Stack HCI   +   ZeroDown Software   =   100% Continuous Uptime

A hyperconverged infrastructure (HCI) operating system delivered as an Azure service that provides the latest security, performance, and feature updates. Deploy and run Windows and Linux virtual machines (VMs) in your datacenter or at the edge using your existing tools, processes, and skill sets. www.azure.icrosoft.com/

ZeroDown® Software provides Ultra High Availability™ solutions for hybrid and multi-cloud. ZeroDown's patented Always Available™ technology brings resilience to business applications running on any IT infrastructure. protecting transactions and data with zero downtime. To learn more, visit www.zerodownsoftware.com.

- **Zero seconds RPO**
- **Zero data loss**
- **Zero downtime**
- **No lost transactions**
- **No data synch up issues**
- **No application changes**

"What you've developed in this architecture offers customers more than five nines (99.999%) availability. You essentially take Information Technology availability to ZeroNines!"   ~ Nick Allen, VP Gartner Group
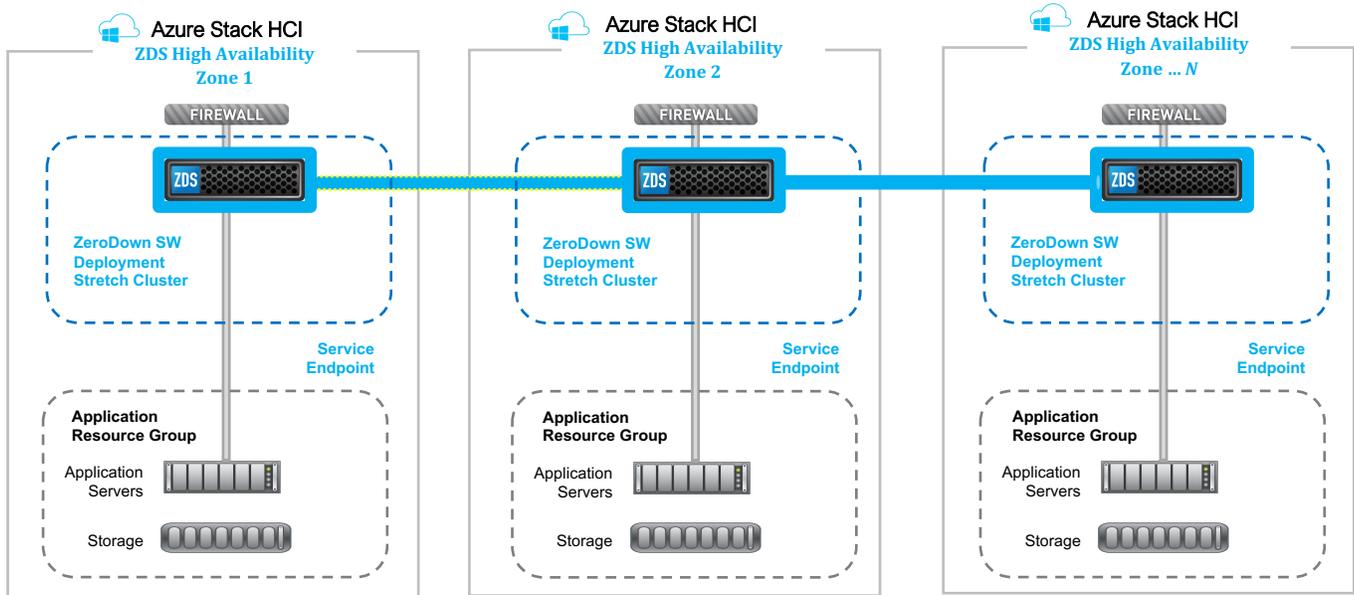
Gartner®

ZeroDown Always Available™ technology prevents downtime through disparate regions within a specific cloud provider and across cloud providers delivering true hybrid multi-cloud with redundant transaction processing paths.

- **All servers in the Azure Stack HCI Stretch Cluster are "hot" and are "active."** There is no server hierarchy, and consequently no single point of failure.
- **All transactions, data exchanges, and other network activities occur equally and simultaneously** on multiple secure application servers even when separated by hundreds of miles.

Maximize ROI from your Azure Stack HCI investment ensuring your applications continue to run regardless of distance or disaster scenario, while eliminating downtime, lost transactions and data sync-up issues.

ZeroDown's patented active-active Always Available™ technology brings a new standard of uptime and availability to applications running across hybrid and multi-cloud environments so your Microsoft Azure Stack HCI environment drives maximum value to your business.

Top 5 Availability Requirements	ZeroDown Software	Storage Block I/O Clustering
Active-Active Availability across any Campus, Regional & Global Distances	X	Up to ~30 miles in synchronous mode Up to ~1500 miles in asynchronous mode
Application-Consistent Failover	X	Crash-Consistent Failover only Block and/or VM-level only
Automated Failover & Recovery	X	Manual switch-over procedures
Recovery Time Objective = Zero	X	15-30 minutes
Recovery Point Objective = Zero	X	15-60 minutes

To find out, how you can deploy Ultra High Availability™ services for your applications or cloud, please email: sales@zerodownsoftware.com

Call us:
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Microsoft
Azure Stack HCI

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