

HCI WITHOUT COMPROMISE

HPE SimpliVity

HPE SimpliVity

An all-in-one hyperconverged solution that streamlines IT operations by combining IT infrastructure, advanced data services, and Al-driven operations into a single, integrated solution.

HPE GreenLake as a service

- Delivers HPE SimpliVity VMs and VDI as a service
- Achieves better performance
- Guarantees data availability
- Delivers unified management
- Scales on demand

HPE Operational Support Services

- Increases IT efficiency, reliability, and performance with global technology services
- Helps you manage day-to-day IT operational tasks
- Frees up your staff to focus on business priorities
- Offers two different service levels to suite your needs: HPE Pointnext Complete Care and HPE Pointnext Tech Care

A new standard for HCI

IT is increasingly looking to streamline operations, unlock agility, and do more with less. Hyperconverged infrastructure (HCI) brings an experience that makes it simple to deploy, manage and upgrade infrastructure. But while acceptable for general-purpose apps, traditional HCI comes with compromises including higher costs, lack of built-in data protection, and poor data efficiency across multiple sites. How can you get the hyperconverged experience without the traditional HCI compromises?

HPE SimpliVity is an efficient, all-in-one, HCI solution that reduces complexity and lowers overhead by simplifying operations from edge to core. Ideal for general purpose, edge and VDI workloads, its infrastructure and advanced data services are efficiently packed into a single, scalable building block, allowing customers to start small and grow.

With simple management, 2-node high availability (HA), built-in data protection, and hyper data efficiency across all edge sites and data centers, HPE SimpliVity simplifies and collapses the IT stack and reduces total cost of ownership by 43%.¹

ALL-IN-ONE SOLUTION

This all-in-one, intelligent HCI solution simplifies deployment, scaling, management, and troubleshooting, with software-defined infrastructure, unified management, policy-based automation, and Al.

Rapid deployment and zero-downtime refresh cycles

- Rapidly deploy and scale hyperconverged building blocks to meet changing demands
- Deploy virtualized or container-based workloads quickly and easily across your entire environment
- Start small and flexibly scale by non-disruptively adding modular systems to meet business needs

Global unified management

- Manage global federations, infrastructure, hypervisor, and data protection from the intuitive and familiar VMware vCenter[®]
- Streamline operations with policy-based, VM-centric management
- Easily move or clone VMs between global sites
- Set up role-based access to search for and restore crash consistent backups

Global intelligence with HPE InfoSight

- Telemetry and machine learning diagnose 86% of infrastructure problems before they happen²
- Predicts when cluster capacity will be full within 90 days and provides insight into top consumers
- Displays multi-site view of all VMs and backups, complete with efficiency savings
- Provides insights into hardware and software issues with recommendations for corrective action
- Automated wellness alerts and signature detection alleviate support issues and reduce operational expenses

2-NODE HIGH AVAILABILITY

For continuous operations, HPE SimpliVity achieves high availability with only 2 nodes saving you money and space

- Save costs due to fewer appliances and reduced data center footprint
- Meet SLAs with protection against multiple failures
- Ensure uptime across multiple sites with stretched clustering

¹ ESG Economic Validation for HPE SimpliVity 325 HCl for Edge, October 2020

² HPE data analysis: The average % of cases auto-opened and auto-closed with solution provided for calendar year 2019 was 86.9%, December 2019

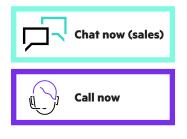
High-end graphics support

High-end graphics virtualization is supported by NVIDIA® GPUs.

3. 4 HPE SimpliVity HyperGuarantee

Our solution partners





BUILT-IN DATA PROTECTION

Built-in data protection, resiliency, and disaster recovery (DR) keeps data safe and mitigates loss from edge to core.

- Run VM backups anytime, anywhere
- Back up and restore a 1 TB VM in 60 seconds or $\text{less}^{\scriptscriptstyle 3}$
- Achieve secure, cost-effective backups directly to public cloud via HPE Cloud Bank Backup
- Reduce complexity, cost, and risk with HPE StoreOnce, an on-premises, secondary backup solution
- Mitigate ransomware with HPE SimpliVity RapidDR for off-site disaster recovery
- Back up data between HPE SimpliVity federations with Zerto data migration

HYPEREFFICIENT

The importance of data efficiency can't be overstated. HPE SimpliVity technology deduplicates, compresses, and optimizes all global data at inception, across all edge sites and data centers

- Lightweight VMs enable frequent backups quick restores, longer retention periods, and faster recovery
- Save 90% (or 10x) capacity across storage and backup combined, guaranteed⁴
- Enable rapid, multi-site disaster recovery with 10x more efficient WAN links
- Save money on storage capacity and expensive data center resources, plus reduce the amount of data sent over the WAN

HPE SIMPLIVITY PORTFOLIO

The HPE SimpliVity portfolio intelligently simplifies IT infrastructure, advanced data services and Al-driven operations into a single, all-in-one solution for edge to core workloads. Based on HPE ProLiant or HPE Apollo-based servers, this fully integrated, all-HPE solution, is engineered and optimized for HPE HCI. Delivered in single, high value building blocks, you can start small and scale to 16 nodes per cluster and 96 nodes per federation. Large edge environments can scale to 48 clusters per federation, and for campus-scale deployments, 16-node stretch clusters are available.

Clusters can be mixed within the same federation, e.g., HPE SimpliVity 380 at the core data center, HPE SimpliVity 380 or 325 at the edge.

HPE SIMPLIVITY 380

HPE SimpliVity 380 is based on the HPE ProLiant DL380 server, and is ideal for high-performance, storage-intensive workloads. This solution is available with either hardware accelerated or software-optimized data efficiency capabilities, and includes all flash or hybrid flash storage, easy management, robust data efficiency, and built-in data protection—all at a very attractive price point.

HPE SIMPLIVITY 325

The HPE SimpliVity 325 provides full software capabilities, security, and performance in a highly dense, 1U model. The most compact solution in the portfolio, it delivers the latest high performance, single 64-core AMD EPYC processor. Built on the HPE ProLiant DL325 server platform with all-flash storage, the solution is ideal for VDI, ROBO/edge, and SMB/Midmarket customers.

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