Powerhouse hyperconverged infrastructure

HPE SimpliVity

Power and protect your virtualized infrastructure with an enterprise-grade hyperconverged platform

Modern data architecture
Modern IT leaders face a dilemma. The cost and complexity of traditional IT leaves few resources to focus on transformative projects and innovation—let alone a worry-free environment. And while public cloud promises greater speed and agility, going all-in on cloud isn’t possible for business-critical workloads where performance, protection, privacy, and control are paramount.

If you’re struggling to achieve the agility and economics of the cloud with enterprise-grade performance and protection, HPE SimpliVity is the answer.

This all-flash, pre-integrated, hyperconverged building block scales to 16 nodes per cluster/96 nodes per federation and for large ROBO environments, 48 clusters per federation. HPE SimpliVity dramatically simplifies IT by combining all hyperconverged infrastructure and advanced data services for virtualized workloads—including VM-centric management and mobility, data protection and guaranteed data efficiency—and is based on HPE ProLiant DL380 Gen10 or HPE 2600-based servers.

HPE InfoSight for HPE SimpliVity

HPE InfoSight, an industry-leading Artificial Intelligence for Operations (AIOps) platform, uses telemetry and machine learning to equip HPE SimpliVity environments with the ability to predict and prevent infrastructure problems before they happen.

Features include automated wellness alerts, historical capacity utilization trends, and forecasted days until physical capacity is full, system details, and HCI specific virtual machine (VM) vision to identify which VMs are consuming the most resources. Available H2 2019.

HPE SimpliVity 380
HPE SimpliVity 380 is based on the HPE ProLiant DL380 server, part of the world’s most secure industry-standard server portfolio. In addition to medium and large all-flash sizes, extra-small and small sizes in single- and dual-socket configurations are available and priced right for small to mid-sized business and remote and branch offices. These solutions include all flash storage at twice the performance and half the latency of leading competitive hybrid offerings, plus built-in backup and recovery data protection—all at a very attractive price point.

New backup and archive hybrid storage node protects tiered data
IT organizations that need an efficient solution to backup and recover large amounts of data have a new cost-effective, hybrid storage hyperconverged option. The HPE SimpliVity 380 backup and archive node protects archived data in multi-site and ROBO deployments. This solution provides all the benefits of HPE SimpliVity plus meets the need of large capacity systems in an operational backup, recovery, archive, and off-site replication use case.

New processor choice with HPE SimpliVity 325
The latest offering in our hyperconverged portfolio provides customers with a new option when it comes to computer processing. HPE SimpliVity 325 includes an AMD EPYC™ single CPU processor platform with all-flash storage. Built on the HPE ProLiant DL325 Gen10 server platform, the HPE SimpliVity 325 provides security and performance in a highly dense, 1U model—the smallest

Based on external firm conducting cybersecurity penetration testing of a range of server products from a range of manufacturers, May 2017.
footprint in our hyperconverged portfolio. Customers with remote offices and data centers at the edge, and those with space-constrained locations can benefit from the built-in resiliency and data services in this hyperconverged node. Available H2 2019.

**HPE SimpliVity 2600**

The HPE SimpliVity 2600 is an ideal solution for edge and VDI workloads that offers HPE SimpliVity software on HPE Apollo 2000 servers and is optimized for environments that require higher density nodes. HPE is the first vendor to deliver consistent performance with always-on dedupe and compression that is enabled by software, and has been tested and validated by HPE and Login VSI.3

### Fast

**Innovative VM-centric management and mobility speed deployment and application performance**

- Rapidly deploy and scale hyperconverged building blocks to meet changing demands.
- Manage VM environments quickly and easily using the intuitive and familiar VMware vCenter® or Microsoft System Center Virtual Machine Manager interface.
- Single interface to view all data centers and edge computing environments, e.g., remote/branch offices (ROBOs) within your virtual environment.
- Manage resources in a federated pool and seamlessly move data across sites.
- 91% increase in time to spend on innovation and new projects.4
- 88% of customers see dramatic application performance improvement.5
- Effectively run all virtualized workloads including SQL Server, VDI, Collaboration, DevOps, and Docker.

### Powerful and efficient

**All IT infrastructure and advanced data services for virtualized workloads plus increased storage efficiency**

- Mitigate data loss and ransomware risk with the highest levels of resiliency, built-in resilience, backup, and disaster recovery (DR).
- Simplify and accelerate DR and provide VM protection across primary and secondary sites with integrated and automated HPE SimpliVity RapidDR.
- 60 seconds or less (on average) to back up or recover a 1 TB VM.6
- Save 90% capacity across storage and backup combined.7
- Reduce costs by 69%.6
- 30X reduction in data center devices when deploying HPE SimpliVity.8

### Multi-cloud

**Transform your VM environment into an enterprise cloud**

- Delivers cloud-like speed, operations, and economics across all your private clouds.
- Deploy applications and manage VMs quickly and easily across your entire environment.

### Services

**Optimize uptime with support provided by HPE Pointnext**

- With access to new self-serve tools, expert advice, and an enhanced support call experience, HPE Proactive Care for HPE SimpliVity can give you the support experience your IT and business need.

### Start innovating now

- There’s no need to wait. Contact your authorized HPE SimpliVity sales representative to find out how you can start enjoying the benefits of hyperconvergence.

Learn more at [hpe.com/info/simplivity](http://hpe.com/info/simplivity)