**Hewlett Packard
Enterprise**

Power to the VM administrator
HPE SimpliVity with Composable Fabric

True hyperconvergence from data center to edge

A modern data architecture provides unmatched efficiency, performance, and resiliency

True hyperconvergence
Integrated, software-defined compute, storage, and networking—with advanced data services for data efficiency, data protection, and VM-centric management and mobility

Advanced data services
- Policy-based, VM-centric management to streamline operations
- Built-in resiliency, backup, and disaster recovery for data protection
- Always-on deduplication and compression for reduced capacity utilization by up to 10X—guaranteed[2]

HPE Composable Fabric
- Centralizes management from VMware vSphere® improves visibility and simplifies troubleshooting
- Automates network management for compute and storage lifecycle events
- Helps optimizes network performance for HPE SimpliVity storage and federation

HPE SimpliVity multiplatform options
Enhance performance with **HPE SimpliVity 380**, ideal for:
- Storage-intensive workloads
- Multiple configuration options (XS, S, M, L, and XL)
- Hardware accelerated always-on deduplication and compression
- General virtualization and virtual desktop infrastructure (VDI) workloads

Optimize your space-constrained IT environment with **HPE SimpliVity 2600**, ideal for:
- Compute-intensive workloads
- Dense form factor for space-constrained environments
- High GPU per rack unit density
- Software optimized for always-on deduplication and compression
- General virtualization and VDI workloads

Mixed federation strategy
- Customers can choose to mix clusters within the same federation, e.g., HPE SimpliVity 380 at the core data center, HPE SimpliVity 380 or 2600 at the edge

[1] The HPE ProLiant DL380 Server is the world's best-selling server, according to the CQ1 2016 IDC Server Tracker.

[2] **HPE SimpliVity HyperGuarantee**.

Modern data architecture

To be successful and harness the opportunities that come with an "everything computes" world, enterprises must address a new generation of applications and data that span across multiple platforms and technologies. Because most IT environments are very complex, companies are searching for simpler infrastructure solutions that are agile, automated, scalable, and simple. Whether your applications and data reside in the data center, private or public clouds, at the edge of your network, or a combination of the above, you need the flexibility to operate seamlessly across all environments. A hyperconverged solution provides that flexibility and simplicity by converging compute, storage, networking, and advanced data services for virtualized workloads into one simple to manage, software-defined platform.

Introducing HPE SimpliVity

This all-flash, pre-integrated, hyperconverged building block scales to 16 nodes per cluster/96 nodes per federation and dramatically simplifies IT by combining all

hyperconverged infrastructure (HCI) along with compute, storage, and networking. It also includes advanced data services for virtualized workloads—including VM-centric management and mobility, data protection, and data efficiency—with the world's best-selling server platform, the **HPE ProLiant DL380 Server**.[1] For customers who need high-density nodes in their hyperconverged solution, Hewlett Packard Enterprise now offers the HPE SimpliVity 2600 for space-constrained environments.

HPE Composable Fabric

HPE offers a true HCI offering that includes not only software-defined compute and storage but networking as well. HPE SimpliVity with Composable Fabric includes an intent-based networking fabric that dynamically allocates bandwidth based on application awareness and automation. The fabric adjusts in real-time to the needs of specific traffic types and data needs, enabling the creation and enforcement of application-level service-level agreements (SLAs).

Powered by Intel®

Based on a new foundation for scalability, the Intel® Xeon® Scalable processors family is designed to seamlessly address a wide range of key workloads by delivering boosts in performance, efficiency, and security.

High-end graphics support

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

[3] Login VSI is the de facto IT industry standard in VDI performance load testing and benchmarking, June 2018.

[4] TechValidate: **techvalidate.com/ tvid/57D-FAC-AFC**, June 2018.

[5,6] **HPE SimpliVity HyperGuarantee**

[7] HPE internal validation, July 2018.

[8] IDC white paper sponsored by HPE SimpliVity: **Datacenters Leverage HPE SimpliVity to Drive Operational Simplicity, Improved Performance, and Other Critical Datacenter Benefits**

Our solution partners

Make the right purchase decision. Click here to chat with our presales specialists.

✉ **Share now**

🖥 **Get updates**

Multiplatform options

HPE SimpliVity 380

HPE SimpliVity 380 offers extra-small, small, medium, and large solutions in single- and dual-socket configurations that are priced right for businesses of all sizes.

These solutions include all-flash storage at, along with built-in backup, disaster recovery and resiliency—at a very attractive price point. HPE also offers an extra-large (XL) configuration ideal for customers with high storage capacity workloads or who need a backup hub for distributed environments.

HPE SimpliVity 2600

HPE SimpliVity 2600 is a new solution for VDI workloads that offers **HPE SimpliVity** software on an HPE Apollo 2000 server platform optimized for environments that require higher density nodes. In fact, HPE is the first vendor to deliver consistent performance with software enabled always-on deduplication and compression, which has been tested and validated by HPE and Login VSI.[3]

Agility

Industry's only true hyperconverged solution that offers scale-out compute, storage, and networking

- **Friction-free** infrastructure for enterprise cloud. Deploy apps and data management without storage and network complexity

- Effectively run **any virtualized workloads** such as SQL Server, VDI, collaboration, DevOps, or Docker across software-defined infrastructure

- **88% of customers** see dramatic app performance improvement[4]

Empowerment

Advanced data services and leading performance in a single networked building block, managed from VMware vCenter®

- VM admin now enjoys **end-to-end automation** of storage and networking tasks

- **Under 1 minute** to back up or restore a 1 TB VM[5]

- **Gain time** for innovation

Cost savings

Automate and simplify configuration tasks while increasing storage efficiency

- **Save 90%** capacity across storage and backup combined[6]

- **Save 50%** in end-to-end network configuration and troubleshooting[7]

- **91% time** freed to focus on apps[8]

Hybrid cloud

Manage pooled hybrid cloud resources via software-defined tools, enabling a true cloud strategy

- Unified view across on-premises and public cloud with insights into all costs and usage

- Deploy apps and manage VMs in minutes with a few clicks

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