Discover the Advantages of Hyperconverged Infrastructure

Streamline Infrastructure Management With HPE SimpliVity

Hyperconverged infrastructure (HCI) consolidates server, storage, network, and other data center services into a single application. It allows businesses to use a single interface to manage infrastructure, accelerate virtualized workloads, improve operational efficiency, and reduce IT costs and complexity.

HPE SimpliVity brings cloud agility, scalability, and simplicity to data center environments. The HCI platform improves application performance, frees up storage, and accelerates local and remote backup and restore functions. In doing so, HPE SimpliVity helps businesses drive true hyperconvergence at scale.

Complex Legacy Infrastructure Plagues Businesses

Legacy IT infrastructure management requires dozens of hardware and software products, each with a distinct interface and training requirements. Additionally, legacy infrastructure involves a wide range of components and applications for data backup and deduplication. The result: complex legacy infrastructure increases the risk of costly, time-intensive errors.

Siloed IT Challenges Businesses

Traditional IT infrastructure consists of silos of compute, storage, network, and data protection platforms — and it cannot accommodate today's on-demand applications and workloads. HCI enables businesses to combine compute, storage, and other data center services into a single software-defined platform. It also allows businesses to cluster and federate systems into a shared resource pool.

Modern Businesses Demand AI

Artificial intelligence (AI) simplifies IT infrastructure management — and it is becoming a must-have for today's always-on, always-connected businesses. A recent survey of 800 chief information officers indicated 83% of respondents have already deployed or plan to deploy AI in the next year.[1] With AI-powered infrastructure, businesses can quickly identify and address problems.

Choose a Complete HCI Platform

The cost and complexity of traditional IT leaves businesses with few resources to drive innovation. At the same time, public cloud increases speed and agility, but it cannot match the data protection, privacy, and control of on-premises infrastructure. Now, HPE SimpliVity blends cloud agility and economics with enterprise-grade performance and data protection to deliver a complete HCI platform for modern businesses.

HPE SimpliVity

Power and Protect Virtualized Workloads

HPE SimpliVity improves virtualized workload management, protection, efficiency, and performance. The all-flash, pre-integrated building block combines the entire IT stack into a single hyperconverged node. It also supports a wide range of virtualized workloads and use cases, including:

- "Data-center-in-a-box" deployments at the edge
- Data protection
- Data center consolidation
- Tier-1 applications
- Virtual desktop infrastructure

Predict and Prevent Infrastructure Problems

HPE InfoSight for HPE SimpliVity uses AI and machine learning to continuously analyze data and uncover ways to make infrastructure smarter and more reliable. The predictive analytics platform helps businesses monitor historical capacity utilization trends and identify which virtual machines (VMs) are consuming the most resources. Plus, HPE InfoSight enables businesses to:

- Predict and prevent 86% of IT issues[2]
- Reduce time spent managing problems by 85%[2]
- Resolve 54% of problems beyond storage[2]

Accelerate Infrastructure Deployment

HPE SimpliVity provides a single interface to view data center environments. It allows businesses to seamlessly move data across sites and rapidly deploy and scale hyperconverged building blocks to meet changing demands. That way, businesses can use HPE SimpliVity to increase time spent on innovation and new projects by up to 91%.[3]

Boost Storage Efficiency

HPE SimpliVity delivers the highest levels of data resiliency, backup, and disaster recovery (DR). It provides VM protection across primary and secondary sites and streamlines and accelerates DR. Also, HPE SimpliVity empowers businesses to:

- Back up or recover a 1 TB VM in 60 seconds or less (on average)[4]
- Save 90% capacity across storage and backup combined[4]
- Achieve a 10x reduction in data center devices[5]

Maintain Secure, Highly Available Systems

Experis Technology Group, Inc., a Hewlett Packard Enterprise Platinum Partner, is a leading provider of hybrid cloud architecture for large and midmarket enterprises and federal systems integrators. For the past two decades, Experis Technology Group has delivered secure, highly available systems to support mission-critical workloads. Simply put, Experis Technology Group keeps business systems up and running.

Please visit our website to learn more.

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[1] Dynatrace, "Top challenges facing CIOs in a cloud native world," Jan. 31, 2018.
[2] ESG, "Assessing the Financial Impact of HPE InfoSight Predictive Analytics," Sept. 2017.
[3] IDC, "Datacenters Leverage HPE SimpliVity to Drive Operational Simplicity, Improved Performance, and Other Critical Datacenter Benefit," Aug. 2018.
[4] HPE, "HPE SimpliVity HyperGuarantee," Accessed Aug. 19, 2019.
[5] Forrester, "The total economic impact of HPE SimpliVity hyperconverged infrastructure," May 2019.

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HPE Platinum Solution Provider for:

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- Service Specialist