

Solution Brief

Simplify VM Management Across On-Prem and Public Clouds

With HPE Private Cloud Business Edition and Logicalis Managed Services



**In today's digital landscape,
organizations are striving to
harness the full potential of
their distributed infrastructure
to stay ahead of the curve.**



Today's distributed organizations face a long list of IT challenges -

mixed workloads, virtual machines (VMs), multiple data centers, public clouds, private clouds, and hybrid clouds. In such a complex environment, deploying and managing enterprise workloads often becomes a costly, time-consuming process that pulls IT resources from more valuable business activities.

To tackle these challenges, IT leaders need a cloud operational experience that unifies infrastructure management at scale across the lifecycle, from streamlined device deployment to virtual machine (VM) provisioning and global VM and infrastructure management.



Simplifying Hybrid Cloud Management with HPE Private Cloud Business Edition

Hewlett Packard Enterprise (HPE) GreenLake for Private Cloud Business Edition (PCBE) combines self-managed private cloud and hybrid cloud VM management for greater agility in private cloud solutions. It allows organizations to build a hybrid cloud on demand, when and where they need it, with cloud-based management and self-service agility.

It is especially designed for businesses seeking the agility of cloud consumption models combined with the control of on-premises infrastructure. For enterprises concerned with security, data sovereignty, security, or compliance, it offers the advantage of data locality and heightened control over the environment.

A few benefits and capabilities include:

Simplified Hybrid Cloud Provisioning, Protection, and Mobility

Globally deploy, manage, upgrade, and optimize virtual machines across on-premises and cloud environments from a single console.

Agile Cloud Operations

Gain self-service agility with a cloud operational experience and orchestrate provisioning of VMs on your choice of HPE hyperconverged infrastructure.

Faster Time to Value

Accelerate agility and deployments with self-service cloud management and blueprints.

Self-Service, Agile Experience

Flexibly consume resources, on-demand, with a workload-optimized solution.

Built for Workloads at the Edge

Improve efficiency with an all-in-one solution for general purpose and edge sites, delivering two-node high availability in a compact footprint.

Streamlined VM Management and Monitoring

Provision, manage, and protect your virtual machines across hybrid cloud environments from a single console.

Workload-Optimized Infrastructure

Leverage HPE Alletra dHCI for mixed workloads at scale or HPE SimpliVity for general purpose and edge workloads.

One-Stop Management

Simplify workflows with a single console for managing VMs across hybrid cloud, on-demand.

Built for Business-Critical Apps

Stay resilient with 99.9999% data availability guaranteed.

Hybrid Cloud Data Protection and VM Mobility

Go beyond resiliency with extra VM-centric data protection, rapid restore, and VM mobility for disaster recovery.

A Foundation for Simplicity, Agility, and Growth

HPE Private Cloud Business Edition is a cloud-based service built upon a foundation of modern HPE hardware:



HPE Alletra disaggregated HyperConverged Infrastructure (dHCI)

Built for mixed workloads at scale, HPE Alletra dHCI lowers costs with flexible, independent scaling of compute and storage and industry-leading data efficiency.



HPE SimpliVity for distributed-edge sites

HPE SimpliVity is a true HCI appliance that combines all the primary features and services necessary for server functionality - such as compute, networking, and storage - into one unit. It significantly improves data efficiency and security along with built-in resiliency.

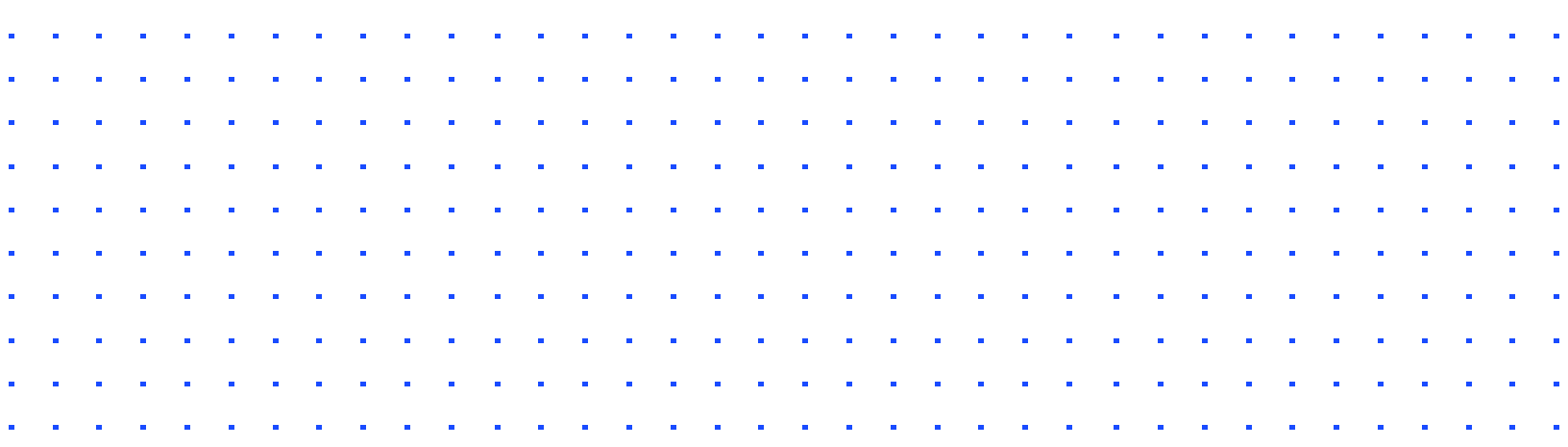


HPE Nimble Storage dHCI

For the storage layer, HPE Nimble Storage dHCI extends the hyperconverged experience to workloads unpredictable growth, allowing independent scaling of compute and storage.

HPE's dHCI hardware layer provides a flexible, scalable foundation to accommodate diverse workloads, with a single software interface for managing these systems across an entire organization, regardless of their location. The solution can also link public cloud provider accounts, enabling you to provision and manage virtual machines from the same HPE interface.

With HPE hardware as the foundation and HPE GreenLake as the scalable interface, organizations can take a radically simpler approach to data, VM, and hybrid infrastructure management.





Simplify the Hybrid Cloud

with Logicalis Managed Services and HPE

With Logicalis Managed Services, you can take the first step towards simplifying your hybrid cloud and achieving targeted business outcomes.

An HPE partner since 1993, Logicalis can help you build and unify your hybrid cloud infrastructure on the foundation of HPE GreenLake for Private Cloud Business Edition.

Our Managed Services offering, combined with HPE's cutting-edge technology, can help you unlock the full potential of your infrastructure, drive digital transformation, and stay ahead in today's competitive landscape.

Contact us today to learn more about how we can help you build a future-ready hybrid cloud solution tailored to your unique business needs.