LOGICALIS Architects of Change | HPE

HPE GreenLake for Private Cloud Business Edition

Build an On-Demand Private Cloud for All Your Workload Needs

Manage VMs through one console, bring cloud-style operations on prem, and integrate seamlessly with your existing tech stack.

greenlake by HPE

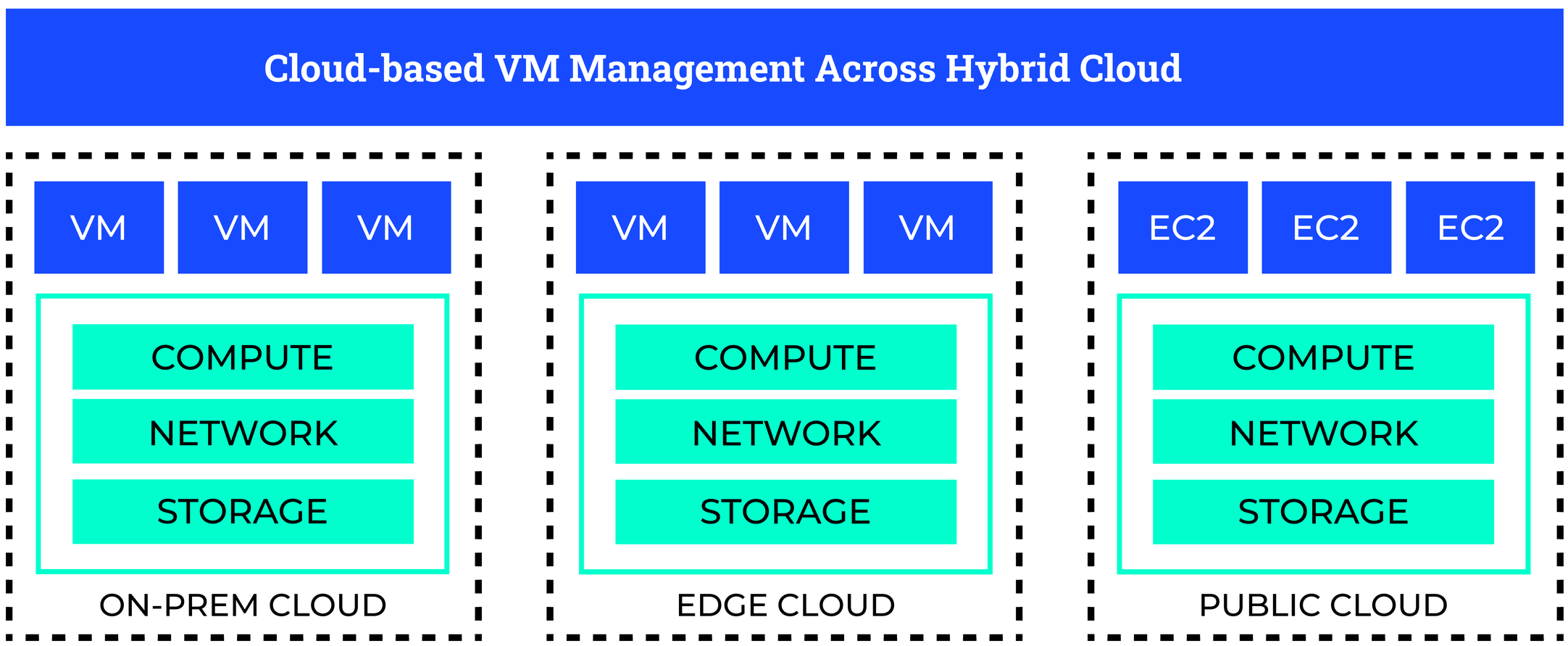
Why Companies Are Returning to the Private Cloud

Virtual machines are a staple of the distributed enterprise, but many organizations are held back by complex, fragmented VM management solutions that slow down operations, IT teams, and the business.

Some solutions deliver deep virtualization management but require complex on-premises deployments and perpetual licensing. Public cloud providers offer ease of use but lock customers into proprietary ecosystems and lack on-premises integration. Pure hyperconverged platforms provide infrastructure simplicity but minimal multi-cloud orchestration capabilities.

HPE GreenLake for Private Cloud Business Edition (PCBE) addresses these challenges by simplifying VM management across hybrid cloud environments. It allows IT teams to build a self-service private cloud on demand, whenever and wherever it is needed.

- ☑ 1-stop VM to infra management across hybrid cloud
- ☑ 1-click multi-system deployment with Blueprints
- ☑ 1-click multi-site upgrades



Build your self-service cloud on demand where you need it

Unified management: See and control all your on-prem and cloud VMs in one place. Cut tool sprawl and make hybrid environments feel like a single, coherent platform.

Cloud-like platform: Request and manage VMs through self-service. Get public-cloud speed and convenience, without losing control over cost, security, or compliance.

Flexible platform: Access VMware and KVM-based HPE Virtualization under the same management experience. Reduce lock-in, open up license-cost options, and make future platform shifts less risky.

Built-in resilience: Integrate with modern backup and disaster recovery. New workloads can inherit policies automatically, improving recoverability without adding admin overhead.

Consumption-based model: Pay as you go instead of buying and depreciating big hardware stacks. This aligns spend with usage, smooths budgets, and frees capital for higher-value projects.

Streamlined VM lifecycle orchestration

The platform is built to handle the full VM lifecycle across on-prem and cloud from one console. Create, migrate, operate, and tear down, all through the same SaaS interface.

- Provision VMs quickly and easily with templates that cover on-prem clusters or public cloud and include the right policies for performance, data locality, and cost.
- Move VMs seamlessly across clusters and sites, and rebalance resources or shift workloads to better-fit locations without re-architecting apps.
- Centralize day-to-day power control and automatically clean up storage, networking, and protection policies when VMs are retired, while retaining metadata for chargeback and capacity planning.

A Private Cloud that Adapts to You

HPE PCBE gives IT teams more agility and flexibility in how they run virtualization. It separates control from hardware and lets teams choose the right platform and hypervisor for their needs.

- Run a cloud-hosted management control plane that stays available and scalable even if a site or cluster goes down, because it operates independently from the underlying hardware.
- Match infrastructure to workloads by using HPE Alletra dHCI with HPE Alletra MP Storage for performance-hungry or mixed workloads, and HPE SimpliVity for edge, ROBO, VDI, and general virtualization.
- Choose the hypervisor that best fits your strategy by running either VMware vSphere/vCenter or HPE Virtualization, helping reduce licensing pressure and avoid getting locked into a single stack.

This flexibility lets you adapt your private cloud to changing business, licensing, and workload needs without constant replatforming.

Scalable Multi-Site Self-Service

The design assumes environments span many clusters and locations, and that teams will self-serve inside clear guardrails. Monitoring, policies, and access are handled globally to cut console sprawl and ticket friction.

- Give ops teams a single view of inventory, utilization, and health across all clusters and sites, regardless of hypervisor.
- Define policies once for encryption, VM sizes, and network segmentation, and enforce them everywhere.
- Map roles to real job functions with least-privilege permissions and policy-based limits on sizes, storage, locations, and spend.

Together, these controls let you scale self-service safely across many sites while keeping governance simple and consistent.

Resilient Workloads with Built-In Protection

Protection and economics are built into the platform, not bolted on later. Backup, near-zero-RPO recovery, and license optimization are all part of the operating picture.

- Attach backup policies from day one and automatically protect new VMs with snapshots, local backups, and cloud copies, and restore at the VM or file level.
- Use Zerto-based DR for workloads that cannot tolerate data loss, and deliver continuous protection with second-level RPOs and fast, journal-based recovery.
- Reduce hypervisor licensing costs with Morpheus VM Essentials, while maintaining a consistent management experience.

Together, these capabilities help you strengthen resilience and improve cost control without adding complexity to day-to-day operations.

Cloud-Style Pricing with Enterprise Security

Commercials and security follow the same philosophy: cloud-like service, strong controls, and a clear sweet spot.

- Use a simple capacity-based subscription that rolls infrastructure, management, and support into one monthly line item.
- Apply zero trust principles with continuous authentication, least-privilege access, encrypted connections, and options for air-gapped or sovereign deployments.
- Target steady workloads with real hybrid footprints and a push toward OpEx and hypervisor flexibility, rather than highly spiky or all-in hyperscaler environments.

This model gives most mid-range hybrid environments a pragmatic modernization path with clearer costs and stronger security built in.

PCBE brings cloud-style operations to on-prem and hybrid environments by separating control from hardware, standardizing day-to-day management, and wrapping it all in a subscription model that IT and finance can both live with. For busy IT and business leaders, PCBE offers a pragmatic way to modernize hybrid infrastructure, without forcing an all-in move to a single public cloud or a risky rip-and-replace of what already works.

Simplify VM Management

with Logicalis and HPE GreenLake for Private Cloud Business Edition

Logicalis has been a trusted HPE partner since 1993. For over three decades, we have helped organizations design, deploy, and optimize HPE's ever-evolving set of enterprise technology solutions. By combining HPE's advanced private cloud platform with our expertise, we help clients streamline VM operations, reduce risk, and gain clearer cost control across on-prem and cloud.

If you would like to simplify VM lifecycle management and build an on-demand private cloud that adapts to you, reach out to Logicalis today to learn more about HPE GreenLake for Private Cloud Business Edition.

Schedule Free Executive Briefing

- HPE Platinum Partner, trusted for more than 30 years
- HPE solutions and services portfolio that spans hybrid IT, data protection, networking, and more
- Highly certified HPE technology experts focused on hybrid data center, private cloud, and virtualization modernization
- Authorized HPE solution provider with global reach and consistent services across multiple countries
- Proven track record with education, government, and enterprise customers