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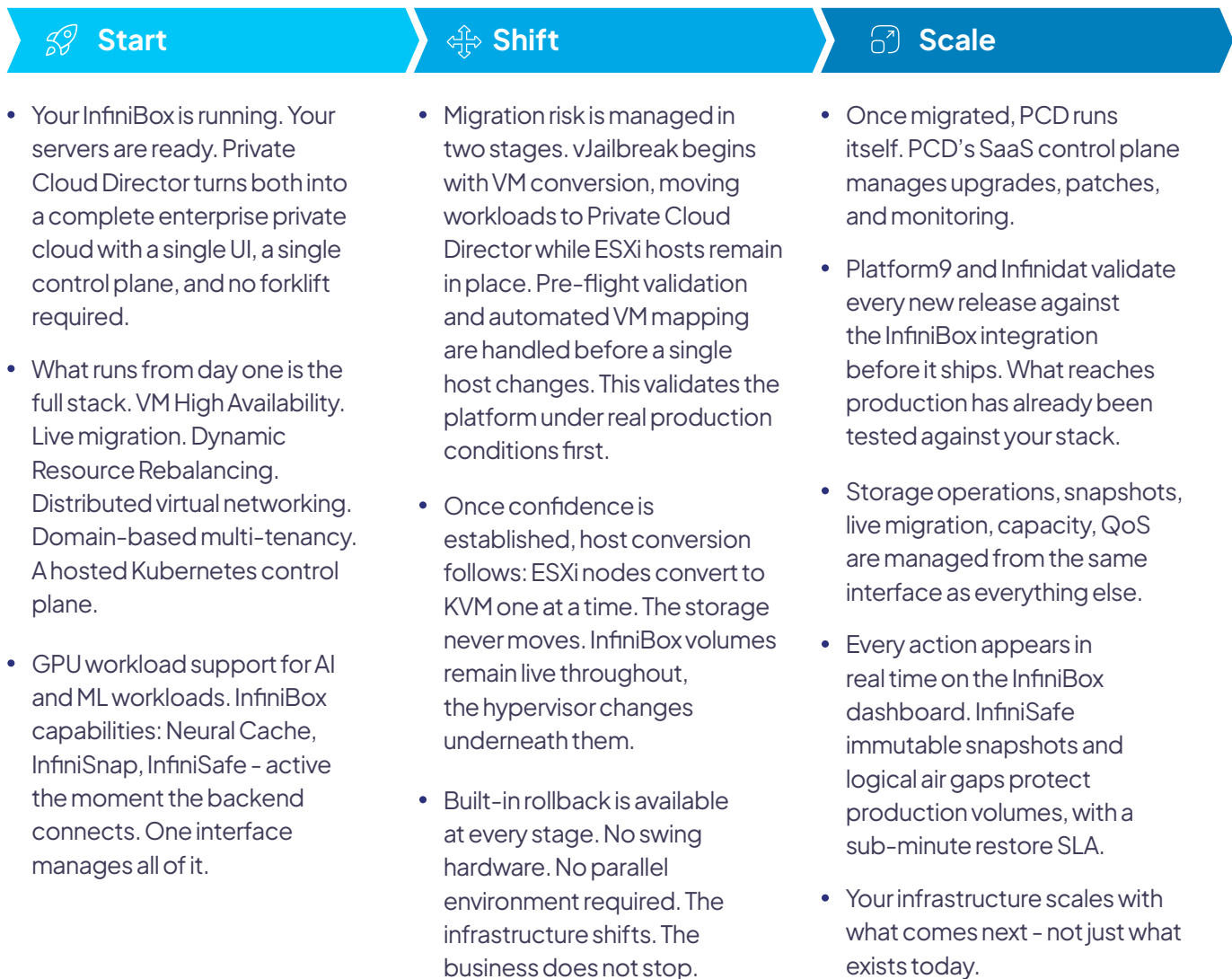
Modern Enterprise Private Cloud

Platform9 Private Cloud Director × Infinidat InfiniBox

Platform9 Private Cloud Director (PCD) is the enterprise private cloud built for organizations that need to run VMs, Kubernetes clusters, and AI workloads from a single control plane – on the servers and storage they already own. It delivers the management capabilities production infrastructure demands: VM High Availability, live migration, Dynamic Resource Rebalancing (DRR), software defined networking, and a hosted Kubernetes control plane with no proprietary hardware requirements and no retraining program.

Paired with Infinidat InfiniBox, Private Cloud Director becomes a complete enterprise private cloud stack. InfiniBox serves as the high-performance storage backend, connected to Private Cloud Director through a jointly tested, certified iSCSI Cinder driver, configured directly from the UI. For organizations already running InfiniBox, the storage decision is resolved before the conversation starts.

Built for How Enterprises Actually Run



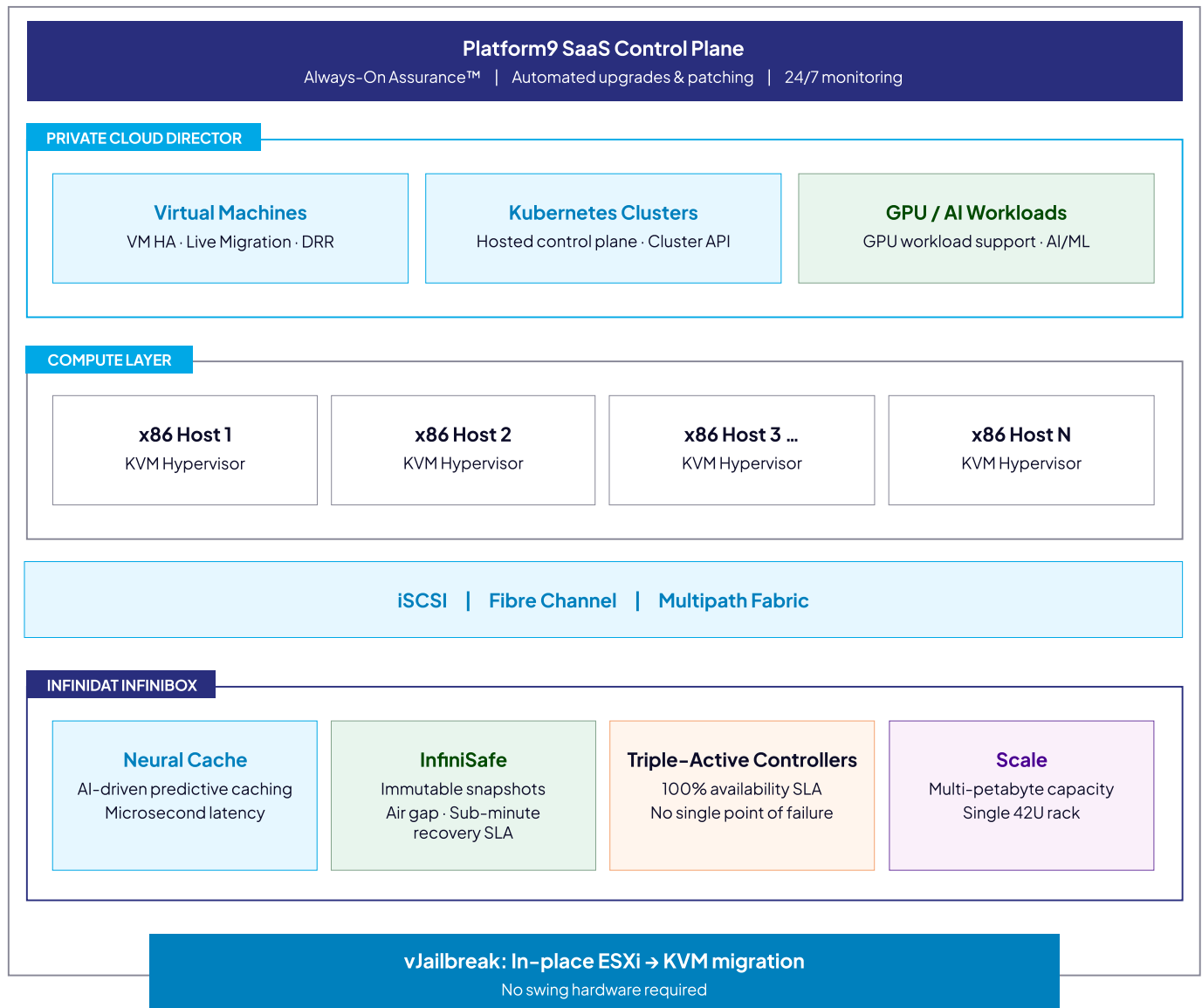
Where Private Cloud Director Delivers

Private Cloud Director and InfiniBox together address the infrastructure decisions that matter most, not as isolated capabilities, but as a unified solution.

Scenario	Outcome
VMware exit without a hardware refresh	PCD: vJailbreak converts ESXi hosts in-place, one at a time. Hundreds of hosts migrate without new infrastructure spend. InfiniBox: Existing storage remains untouched and live throughout every stage of host conversion.
VMs and containers on one platform	PCD: Manages virtual machines and Kubernetes clusters side by side from a single control plane. InfiniBox: Neural Cache delivers consistent low-latency I/O across both workload types without tuning.
Data protection that holds under pressure	PCD: Centralized governance and audit logging across all tenants. Integrates with Veeam, Commvault, and Rubrik for enterprise backup workflows. InfiniBox: InfiniSafe immutable snapshots and logical air gaps protect every InfiniBox-backed volume. Sub-minute restore SLA.
Workload consolidation at scale	PCD: Dynamic Resource Rebalancing continuously optimizes utilization across the cluster. InfiniBox: Scales to multi-petabyte capacity in a single 42U rack, reducing footprint without reducing density.
Isolated environments on demand	PCD: Domain-based multi-tenancy with per-tenant quotas and RBAC. Multiple teams operate independently on shared infrastructure, instantly provisionable. InfiniBox: InfiniSnap enables instant volume cloning for isolated tenant provisioning.
AI infrastructure on the same stack	PCD: GPU workload support provisions compute through the same control plane as traditional VMs and Kubernetes. InfiniBox: High-throughput storage backend for vector databases and RAG pipelines. Neural Cache handles inference I/O without tuning.

The Integrated Stack

Private Cloud Director sits above the compute layer as a SaaS-managed control plane, orchestrating VMs, Kubernetes clusters, and GPU workloads across standard x86 hosts. InfiniBox connects below via iSCSI or Fibre Channel, serving as the persistent storage fabric. Neural Cache optimizes I/O at the array level. InfiniSafe protects data at the volume level. Storage and compute, managed independently, work as one.



Private Cloud Director for AI Infrastructure

AI infrastructure is not a future consideration; it is an active procurement decision happening alongside every infrastructure refresh. Private Cloud Director manages GPU workloads, VMs, and Kubernetes clusters from a single control plane. No separate management layer. No separate storage tier. The same environment that runs production VMs runs inference workloads.

InfiniBox is purpose-built for what AI demands. Neural Cache delivers the low-latency, high-throughput I/O that training and inference require without manual tuning. Vector databases and RAG pipelines run on InfiniBox storage in production generative AI environments today. Organizations that deploy Private Cloud Director and InfiniBox are not building toward AI-readiness. They are already there.

Ready to Deploy

If your organization runs InfiniBox, the storage decision is already resolved. Private Cloud Director is the enterprise private cloud with a native, validated InfiniBox integration, running on your existing hardware, migrating VMware workloads without downtime, and scaling to AI infrastructure on the same control plane.



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