

Top five enterprise-grade features of Private Cloud Director

1

VM High Availability

Ensures critical business applications stay online even during hardware failures.

- Automatically relocates virtual machines (VMs) when a host fails.
- Enabled by default across supported clusters.
- Integrates with platform-native monitoring and failure detection.

2

VM Live Migration

Perform maintenance without downtime and keep services uninterrupted.

- Live migration of VM memory, storage, and active sessions across hosts.
- Supports maintenance workflows without impacting running workloads.
- Controlled through GUI or CLI with real-time migration status tracking.

3

Dynamic Resource Rebalancing (DRR)

Maximize infrastructure efficiency and performance with automated workload balancing.

- Automatically reassigns VM workloads based on real-time cluster usage.
- Embedded scheduler analyzes CPU, memory, and I/O load continuously.
- Operates at the hypervisor level with no guest OS modifications required.

4

Software Defined Networking

Gain agility and control over your network architecture with built-in virtual networking.

- Virtual/overlay networks, logical routers, and NAT support.
- Microsegmentation using security groups and port-level firewall rules.
- Built-in services: DNS, VPN, Load Balancer, and Firewall as a Service.

5

Operational Security

Strengthen your private cloud security posture across users, tenants, and infrastructure.

- Role-based access control via OIDC and identity providers.
- Tenant-level resource and network isolation.
- API-level audit logging and encrypted inter-component communication.

To learn more about Private Cloud Director,
please visit: <https://platform9.com/vmware-alternative/>