

Use cases

VMware Cloud Foundation (VCF) on Equinix Metal® is a cloud-like SDDC solution with the control, performance, and security of physical hardware, plus the benefits of VMware's comprehensive software platform. Customers pay for the Equinix Metal workload optimized hardware starting at 1-year terms.

Low latency applications:

- Direct, physical proximity to Equinix's global interconnection points reduces data travel time, ensuring ultra-low latency for critical applications (sub 20ms).
- VCF on Equinix Metal leverages bare metal infrastructure, optimizing hypervisor overhead (such as ESXi) and further minimizing latency.
- Allows for continuous integration with edge services and deployments, improving real-time processing and analytics at the network edge.
- Supports a hybrid cloud architecture, enabling data and applications to reside closer to users and devices, significantly reducing response times.

Data locality:

- Compliance with local regulations catering to markets with strict data sovereignty requirements*.
- Hosting on Equinix Metal reduces latency by being closer to data ingestion points, enhancing performance.
- Flexible options for data storage and processing enable tailored solutions to meet specific locality and performance requirements.
- Equinix's global footprint allows for data transfer and access across different regions.

License mobility:

- Streamlines software licensing/certification for cost-effective hosting of workloads like MSFT and Oracle.
- Enables running VCF on Equinix Metal's bare metal infrastructure for workload mobility.
- Supports existing VCF licenses, allowing customers to leverage their current investments without additional licensing costs.
- Offers a fully VMware certified deployment model for hardware & storage, simplifying the process of moving VCF licenses to and from on-premises and cloud environments.

* FedRamp certification is not covered by Equinix Metal

Modernize legacy applications:

- Supports migration of legacy on-prem apps to hybrid multi cloud with minimal re-architecture, preserving functionality and reducing transformation efforts.
- Provides scalable, high-performance infrastructure for modernizing apps, leveraging Equinix Metal's bare metal capabilities for optimal performance.
- Offers direct, secure connectivity to cloud services and ecosystems, facilitating integration of modern cloud-native services with legacy applications.
- Enhances agility and innovation by allowing organizations to quickly test, deploy, and scale applications across global locations.

Partner enabled services:

- Deployment of VMware environments on Equinix Metal, allowing partners to quickly scale managed services.
- Integrates VMware's comprehensive toolset with Equinix's bare metal solutions for efficient management and operations.
- Facilitates hybrid cloud deployments, empowering customers to deploy validated partner solutions on certified infrastructure.

Data center expansion:

- Deploy a private SDDC on 12- or 36-month contracts, balancing transformation with investment preservation.
- Global reach through Equinix's extensive data center network, facilitating geographic expansion with low latency.
- Ensures robust security and compliance capabilities, meeting stringent data sovereignty and regulatory requirements.