

SAP NetWeaver with VMware Cloud on Equinix Metal (VMC-E)

Use cases

- SAP NetWeaver application Hosting:** VMC-E provides a robust and scalable infrastructure for hosting SAP applications. Organizations can leverage the high-performance compute resources, optimized networking and global data center footprint of Equinix to run their SAP NetWeaver applications with enhanced performance, reliability and availability.
- SAP Disaster Recovery and Business Continuity:** VMC-E offers reliable disaster recovery capabilities for SAP environments. Organizations can replicate their SAP systems and data to a secondary VMC-E deployment, ensuring business continuity in the event of a disaster or system outage. Equinix's data centers and network infrastructure provide the necessary resilience and redundancy to support effective disaster recovery strategies. Equinix Fabric adds to resilience options with direct connections into public cloud platforms and private customer deployments.

SAP NetWeaver at a glance

SAP NetWeaver is a comprehensive integration and application platform developed by SAP, a leading software company that specializes in enterprise software applications. It provides a range of tools and services that enable businesses to build and integrate applications, develop and deploy web services and manage business processes.

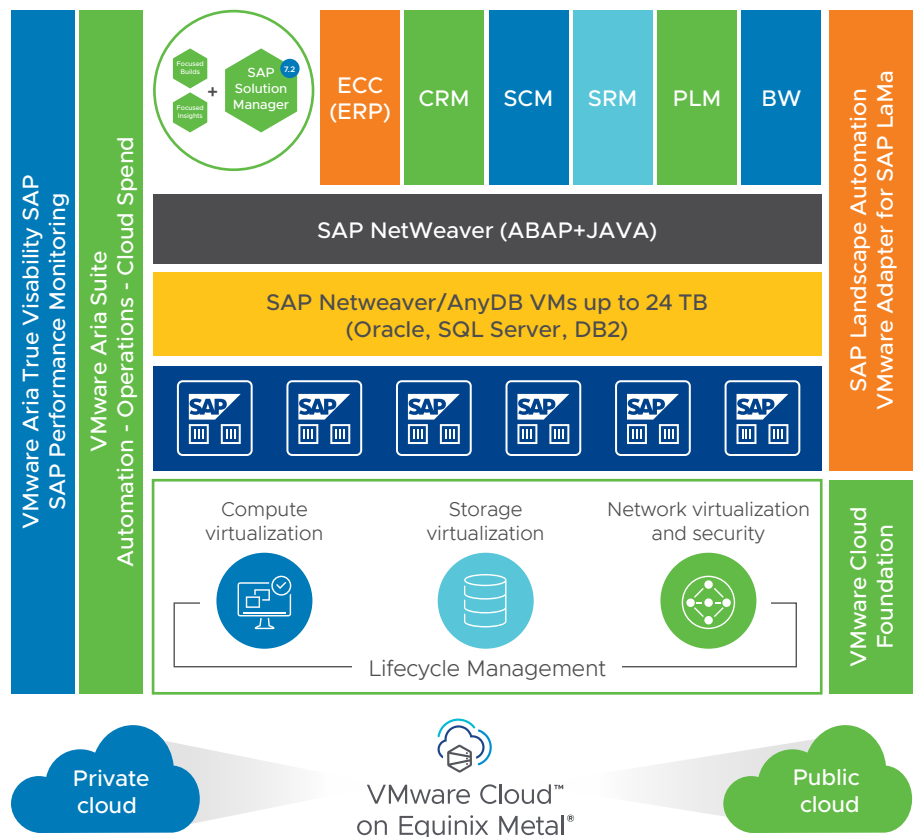


FIGURE 1: SAP NetWeaver/AnyDB with VMC-E

Use cases

• High-Performance SAP

Deployments: VMC-E provides dedicated bare metal servers with high-performance computing capabilities. Organizations can leverage this infrastructure to deploy SAP NetWeaver, achieving optimal performance, low-latency access to data and improved response times for critical SAP applications.

• Mission-Critical Production

Environments: VMC-E provides a reliable and highly available infrastructure for hosting mission-critical SAP NetWeaver production environments. The combination of Equinix Metal's bare metal servers and VMware's virtualization technology ensures that organizations can achieve high availability, scalability and redundancy to support critical business operations, while still operating in a multi-cloud environment.

SAP NetWeaver on VMware solutions offer a range of benefits for businesses, including:



Flexibility: SAP NetWeaver on VMware vSphere is highly flexible and can be customized to meet the unique needs of businesses across industries, in any SAP supported n-tier configuration.



Scalability: The VMware platform is designed to efficiently scale as the business grows, providing the ability to handle substantial amounts of SAP data and users.



Integration: SAP NetWeaver provides a range of integration capabilities, enabling businesses to integrate their existing systems, processes and data with SAP applications. And by leveraging VMware, SAP can be integrated into existing datacenters more efficiently.



Development: The platform includes a comprehensive development environment, allowing developers to build and deploy applications quickly and easily. Agility and deploying iteratively on VMware, snapshots...



Management: SAP NetWeaver provides a range of tools for managing business processes, enabling businesses to streamline their operations and increase efficiency, just as VMware does for data center infrastructure.

Overall, SAP NetWeaver on VMware is a powerful platform that provides businesses with the tools and services they need to build and manage enterprise applications, integrate systems, optimize business processes and IT infrastructure.

How SAP NetWeaver with VMC-E can modernize customers SAP applications

Organizations are increasingly realizing the benefits of offloading the management and maintenance of their SAP IT infrastructure to specialized managed service providers. This allows them to concentrate on their core business activities and strategic initiatives rather than spending resources on infrastructure management.

A new distributed cloud service called VMC-E offers SAP business applications a fast, safe and affordable alternative. Customers will be able to independently combine VMware Cloud infrastructure as a service with Equinix Metal hardware-as-a-service through this solution achieving the privacy and control of a private deployment but with a cloud-like experience. Customers will be able to install SAP workloads rapidly and easily on the VMC-E solution for, enabling the efficient deployment, scaling and integration of SAP applications in over 240 of Equinix's international data centers in 50+ markets worldwide.

Key highlights

- Enhanced Performance
- Operating at the pivot point for hybrid multi-cloud
- Integration with Public Cloud Services
- Proximity to network and service providers
- Scalability and Flexibility
- Hybrid Cloud Integration
- Simplified Management and Operations
- GDPR Compliant

Customers can connect to a variety of cloud services and partners easily and affordably using this service. They will be able to take advantage of Platform Equinix's 240+ data centers' performance and security using an OpEx model, all without having to worry about purchasing hardware, renting rack space, powering equipment, managing cooling systems, planning for capacity needs or applying upgrades or patches.

VMC-E can modernize customers' SAP applications by offering several benefits and capabilities:



Infrastructure modernization: VMC-E provides a modern and flexible infrastructure platform for hosting SAP applications. By leveraging bare metal servers from Equinix Metal combined with VMware's virtualization technology, organizations can achieve high-performance computing power, scalability and resource efficiency, enabling them to modernize their SAP applications.



Hybrid cloud integration: Equinix's global network and strategic partnerships with leading public cloud providers enable seamless integration between VMC-E and public cloud platforms such as Amazon Web Services (AWS), Azure, or Google Cloud Platform (GCP). These interconnections allows organizations to adopt a hybrid cloud approach, leveraging the strengths of both private and public clouds to optimize their SAP applications. It enables workload portability, data synchronization and the ability to leverage cloud-native services for enhanced functionality.



Improved scalability and flexibility: VMC-E offers scalability and flexibility, allowing organizations to scale their SAP applications based on demand. With the ability to rapidly provision and scale resources, customers can easily accommodate growing workloads, seasonal demands or business expansions without the need for significant upfront investments or infrastructure changes.



Enhanced performance and latency reduction: Equinix Metal's global footprint, combined with VMware's virtualization technology, provides low-latency connectivity and optimal network performance for SAP applications. This ensures fast data access, reduced latency and improved overall application performance, delivering a better user experience and enabling real-time data processing and analytics.



Security and compliance: VMC-E integrates robust security measures to protect SAP applications and sensitive data. Equinix Metal's data centers adhere to industry-leading security standards and compliance regulations. Customers can leverage VMware's security features, such as network segmentation, encryption and access controls, to enhance the security posture of their SAP applications. VMC-E is GDPR Compliant.

Resources

[VMware Cloud on Equinix Metal Solution Overview](#)

[vSphere 8 for SAP NetWeaver and AnyDB supported and certified](#)



Simplified management and operations: VMC-E streamlines management and operations for SAP applications. VMware’s management tools and automation capabilities allow organizations to centrally manage their SAP infrastructure, monitor performance and automate administrative tasks. This simplifies operations, improves efficiency and reduces the burden on IT teams.



Disaster recovery and business continuity: VMC-E provides robust disaster recovery capabilities, enabling organizations to protect their SAP applications against unexpected disruptions. With features like data replication, automated failover and recovery orchestration, organizations can ensure high availability, minimize downtime and swiftly recover from outages.

By leveraging VMC-E, organizations can optimize their SAP applications by adopting a flexible, scalable and secure infrastructure model. It enables them to optimize performance, improve agility and leverage the benefits of hybrid cloud integration while maintaining control over their SAP NetWeaver landscape.

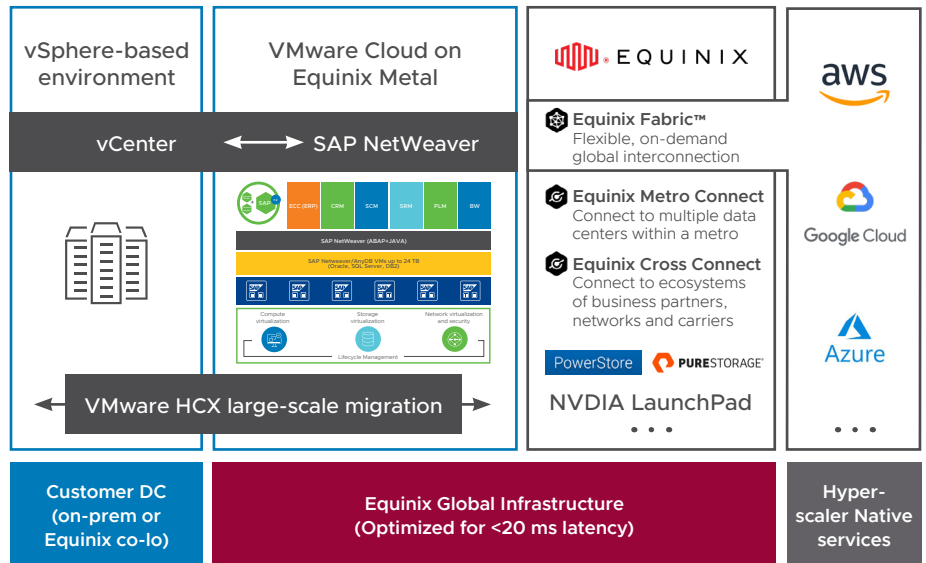


FIGURE 2: VMC-E Overview