Seamless Transition from vSphere to VMware Cloud Foundation (VCF) 5.2

ClearBridge Technology Group delivers comprehensive VMware migration services designed to modernize and optimize your virtual infrastructure. Whether you're upgrading from traditional vSphere environments to VMware Cloud Foundation (VCF) 5.2, adopting the latest VCF 9.0 platform, or upgrading existing VCF deployments, our team of VMware-certified professionals provides expert guidance, hands-on execution, and knowledge transfer.

We support customers across all phases of migration—from discovery and architecture design through migration planning, execution, and project management. Additionally, we help your staff to have the operational skills needed to drive value from your technology investment. Our services reduce risk, minimize downtime, and enable a faster realization of the benefits of a modern private cloud platform.

Legacy vSphere (6.x/7.x/8.x) / VMware vSphere Standard / VMware vSphere Enterprise Plus / VMware vSphere Foundations → VCF 5.2

Target Use Case

Customers running traditional vSphere deployments who want to adopt a full-stack private cloud platform using VCF 5.2 to gain benefits such as lifecycle management, automation, NSX-T networking, and vSAN integration.

Technical Requirements

- Assessment of current ESXi host hardware compatibility with the VCF 5.2 Hardware Compatibility Guide
- NSX-T readiness (if using NSX-V, a full transition plan is required)
- vSAN compatibility and disk group (OSA) or storage pool (ESA) configuration
- SDDC Manager deployment and bring-up for initial management domain
- VMware VCF Operations (formerly Aria, vRealize suite) planning
- Greenfield or brownfield consideration (VCF 5.2 is largely a greenfield deployment path)

Migration Approach

- Deploy management domain via VCF bring-up process
- Use VMware HCX or manual migration strategies to move workloads
- NSX-T deployment and policy reconfiguration
- vSAN cluster creation and workload migration
- Decommission legacy vSphere environment post-migration
- Provide user training and transition support

Service Delivery Methodology

ClearBridge applies a structured and proven methodology to ensure successful migration with minimal disruption:

1. Discovery & Assessment
  * Comprehensive inventory of current workloads, infrastructure, and dependency mapping
  * Compatibility analysis against VMware HCL and VCF Compatibility Guide
  * Identification of migration blockers and remediation strategies

2. Architecture & Design
  * Custom solution design tailored to your business and technical requirements
  * Network and storage topology planning
  * VCF Operations Console/SDDC Manager, NSX-T, and vSAN architecture alignment
  * Integration planning for VCF Operations / Aria Suite (Operations, Automation, Logs)

3. Migration Planning
  * Migration runbooks and detailed cutover plans
  * HCX configuration (if applicable)
  * Migration test plans and rollback strategy
  * Risk assessment and stakeholder communication plans

4. Execution
  * Implementation of VCF stack per validated design
  * Live migration or staged cutover with rollback checkpoints
  * DNS, NTP, certificate, and identity service integrations
  * Post-migration validation and performance benchmarking

5. Project Management Oversight
  * Dedicated ClearBridge Project Manager (PM) assigned to every engagement
  * Weekly status updates and risk tracking
  * Jira or client-specific ticketing/reporting integration
  * Coordination across IT, networking, security, and business units

6. Close
  * Review solution with customer and verify deliverables are met
  * Perform project close out

Why ClearBridge?

  * VMware by Broadcom's #1 partner: ClearBridge has delivered over 500 projects over the last 5 years for VMware professional services
  * VMware Expertise: Over 20 years of VMware project experience. We have certified VMware professionals, including the prestigious Broadcom Knights, many of whom work or have worked for VMware by Broadcom, with deep experience across VCF, vSphere, NSX, vSAN, VCF Operations, VKS, and ANS.
  * Turnkey Delivery: End-to-end support from planning to post-migration validation. We have preset service briefs, custom statements of work, and time and material options.
  * Federal & Commercial Experience: Expertise across both commercial and government environments (including cleared resources up to Top Secret).
  * Agile & Transparent: Clear documentation, open communication, and rapid execution methodology.