

Securely Deploy Applications Faster, with Lower Cost and Reduced Risk

VMware Cloud Foundation with Canonical Ubuntu OS

Your Organization Benefits From

- Lower TCO with VCF-optimized Ubuntu OS offered at no additional cost
- Faster Time-to-Value with consistent environment from development to production
- Enhance security and compliance with reduced attack surface and simplified audits

Platform Engineers Benefit From

- Increase developer velocity with consistent environment from development to production with VCF-optimized Ubuntu OS
- Accelerate private AI workloads deployments with streamlined support for the VCF stack
- Adopt the latest open-source innovations delivered by VKS with CNCF certified Kubernetes and the Debian-derived VCF-optimized Ubuntu OS from Canonical

Organizations are always looking at opportunities to lower TCO while realizing faster Time-to-Value in deploying critical applications to meet their business objectives. These goals translate into reducing friction and providing a consistent environment that developers and data scientists are familiar with and trust. 50% of the developers lose over 10 hours of their working week due to inefficiencies. [Source: State of Developer Experience Report 2025]. Developers expect enterprise-grade support and streamlined operations from their infrastructure without being challenged to gain domain expertise in these areas.

VMware Cloud Foundation (VCF) delivers exactly what they look for: a unified platform that integrates compute, storage, networking, and security with built-in automation and lifecycle management. As the leading Private Cloud Platform, VCF helps organizations eliminate silos, reduce TCO, streamline management, and accelerate their modernization journey. VCF offers a broad set of cloud services including VMware vSphere Kubernetes Service (VKS), VM service, data service, and Private AI service among others. VKS is the built-in Kubernetes service that orchestrates containerized workloads by leveraging CNCF Certified Kubernetes. Centralized policy management for access control, networking, security, image registries, and runtime configurations across diverse Kubernetes environments simplifies compliance and governance at scale.

To further streamline and secure all applications Broadcom has expanded its partnership with Canonical, a trusted leader in open-source innovation. IT teams get the benefits of greater efficiency and security to accelerate deployment of modern containerized, VM-based, and AI workloads.

VCF-optimized Ubuntu OS with enterprise-grade support

The Broadcom Canonical partnership delivers VCF-optimized Ubuntu OS LTS images to streamline operations and accelerate the deployment of containerized and VM-based workloads. Customers get 5 years of enterprise-grade support from Broadcom based on the original release date set by Canonical.

Cloud Admin

- Reduce infrastructure operational burden to manage all applications with unified hardware abstraction, lifecycle management, and long-term support
- Reduce attack surface by consolidating Linux distributions across development, test, staging, and production environments
- Simplify operations with streamlined support from Broadcom as a single point of contact for the VCF stack

Ready to take the next step?

Explore VMware Cloud Foundation resources, hands-on labs, and technical guides to start your journey today:

- Learn more at VCF [website](#) and [VCF Blog](#) page
- Explore assets about VCF as the unified platform for running all workloads: [Solution Brief](#) and [Webinar](#)
- Access to technical resources at VCF [Resource Center](#)
- Follow us on VCF social media: [X](#), [LinkedIn](#), and [YouTube](#)
- Learn more about Canonical [website](#)

Ubuntu is the most widely adopted open-source Linux distribution. [\[Source: 2025 State of Open Source Report\]](#). Many organizations run mixed vendor Linux distributions driven by technology sprawl, skillset deficit, or other business considerations. For instance, developers often favor Ubuntu for its cost, efficiency, and flexibility during development, only to find their staging and production environments running entirely different distributions. This disconnect forces teams to spend days or even weeks porting applications, slowing innovation, and introducing unnecessary risk.

In other scenarios, organizations may be forced into a multi-vendor strategy, using one Linux distribution for niche applications and another for general-purpose workloads. This creates a significant skill set gap, forcing Platform Engineers to master disparate management tools, patching cycles, and security protocols across multiple vendors.

Organizations can eliminate this operational friction by standardizing on VCF-optimized Ubuntu across their entire infrastructure. By consolidating fragmented Linux variants, teams drastically reduce the overhead of rework, testing, and cross-distribution validation, while simultaneously shrinking the attack surface through a unified security posture.

Benefits

Lower TCO

VCF-optimized Ubuntu OS images are included at no additional cost, providing immediate value without supplemental licensing fees. Organizations can reduce operational complexity with a streamlined experience across the VCF stack, with Broadcom serving as the single point of contact.

Faster Time-to-Value

Customers experience faster time-to-value with environmental parity going from development to production. Organizations can speed up development velocity by reducing the time spent in porting applications across different environments.

Simplified Operations

VCF-optimized Ubuntu OS blurs the boundary between the operating system layer and hypervisor layer providing a unified stack that simplifies operations with Broadcom as the single point of contact. Customers experience stable deployments with efficient package and patch updates from Canonical.

Accelerated Private AI workload deployment

The VMware Private AI Framework addresses the requirements for speed and agility. Data scientists and developers prefer Ubuntu as their cloud OS of choice. With VCF-optimized Ubuntu OS customers get enterprise grade support and environmental parity to bridge the gap between AI development and deployment.

Licensing and Support

VCF-optimized Ubuntu OS is included with the VCF license at no extra cost to customers. Customers get enterprise grade support for VCF-optimized Ubuntu OS images from Broadcom for five Years from the date of release set by Canonical.

Customers with active VCF license and running VCF 9.0 (specifically ESX 9.0) or newer releases can access the optimized Ubuntu OS images starting with Ubuntu OS LTS release 22.04 from the solution catalog here:

For VCF 9.0 deployments images are available in solution catalog here:

<https://vcf.broadcom.com/vsc/services>

With VCF 9.1, customers can now access Ubuntu OS images directly through the VCF Automation content library. This integration provides native discovery and automated delivery of VCF-optimized Ubuntu images from Canonical.

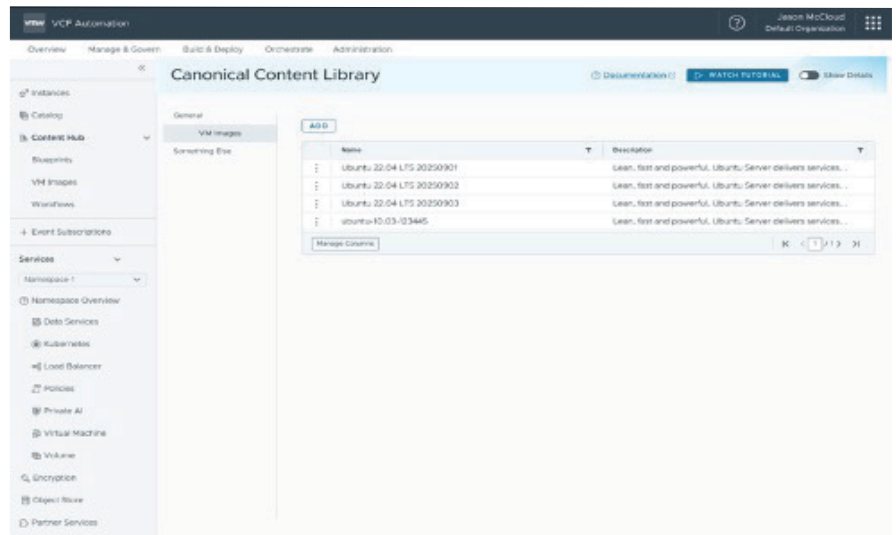


Figure 1 : VCF-optimized images available in VCFA content library