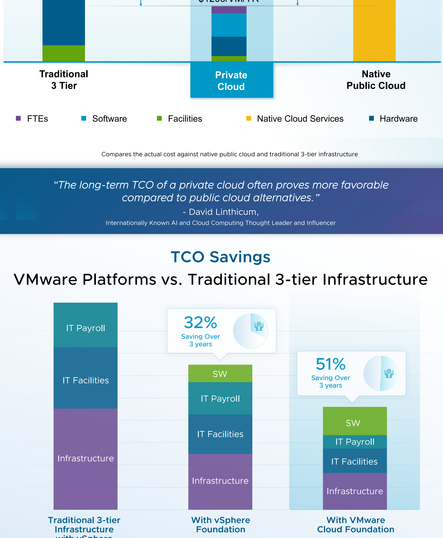
vmware by Broadcom

Lower Hardware, Support and IT Costs with VMware Cloud Foundation

VMware Cloud Foundation(VCF) supports traditional and cloud-native technologies in a globally distributed infrastructure solution that delivers measurable total cost of ownership (TCO) savings.



Compares the actual cost against native public cloud and traditional 3-tier infrastructure

"The long-term TCO of a private cloud often proves more favorable compared to public cloud alternatives."

- David Linthicum,
Internationally Known AI and Cloud Computing Thought Leader and Influencer

TCO Savings

VMware Platforms vs. Traditional 3-tier Infrastructure

Traditional 3-tier Infrastructure with vSphere

With vSphere Foundation

With VMware Cloud Foundation

The results show TCO savings of 51% with VCF, 32% with vSphere Foundation compared to a traditional 3-tier infrastructure with vSphere. The below figure shows the breakdown of these savings

Compares the TCO savings of traditional 3-tier infrastructure with VMware's platforms.

Impactful, Business-Driven TCO Savings

Reduce CapEX with Infrastructure Savings

More VMs per host leads to fewer hosts and associated host networking hardware

Reduce Operating Expenses with Hardware Support

Fewer servers means paying less hardware support, usually 18%-25% of the first year's cost

Reduce Operating Expenses with Facility Efficiencies

Reduced hosts lead to lower rack space, power, cooling, and lower carbon footprint

Reduce Operating Expenses with Lower Admin costs

Labor costs driven by automation and orchestration

Reduce Operating Expenses with a Reduction in Licenses

Fewer licenses to buy

TCO Savings with a Highly Utilized Full-Stack Infrastructure Platform

Sofware-defined Compute

- Reduce number of physical servers and increase VM density for better efficiency
- Actively managed virtualization can substantially reduce host servers by consolidating workloads
- Lower operating expenses (annual vendor support, power, cooling, rack, floor space, etc.) by reducing VM Host Servers and associated hardware
- Common operating platform increases server admin productivity through virtualization and better tools to maximize host server utilization

Software-defined Storage

- Lower hardware costs by shifting from external storage to host server storage
- Lower hardware maintenance costs
- Less power and cooling required, resulting in lower facilities costs
- More flexibility as you are not tied to a specific hardware platform

Software-defined Networking

- Lower up-front hardware costs
- Lower reliance on traditional routers, switches, and load balancers
- Greater flexibility and adaptability

Management and Orchestration

- Lower energy consumption with better infrastructure consolidation
- Improve resource optimization
- Improve scalability
- Better visibility and reporting capabilities with detailed analytics



Learn how VMware Cloud Foundation lowers your total cost of ownership (TCO) and brings together people, processes, and technology to get the most out of your digital transformation investment.

Next Steps

Have A Deeper Discussion

Ask your account rep to schedule an EBC

Conduct a Financial Impact Analysis

Choice of self-service or custom assisted workshop

Engage Consultative Services

Schedule a session for VMware Advisory Services

For more information visit
VMware Cloud Foundation home page

Source:

- TCO Comparative Model 1.12 | Broadcom Analysis, March 2025.
- VMware Cloud Economics Team. TCO Comparative Model 1.1. Results based on actual customer environment analysis using core-based subscription licensing when comparing VCF versus traditional 3-tier infrastructure.
- David Linthicum. Private Clouds and their Public Value. February 2025.

Disclaimer:

Although great care has been taken to ensure the accuracy and completeness of the TCO analysis, VMware by Broadcom does not accept any legal responsibility for any actions taken based on the information contained herein and VMware makes no representations or warranties of any kind.



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